



Municipality of Mississippi Mills

COUNCIL AGENDA

Tuesday, May 1, 2018

6:00 p.m.

Council Chambers, Municipal Office

**PLEASE REMEMBER TO SET YOUR CELL PHONE TO SILENT AND THAT NO
RECORDING DEVICES ARE PERMITTED.**

A. CALL TO ORDER (4:30 p.m.)

B. CONSIDERATION OF A CLOSED SESSION

1. HR Matter - personal matters about an identifiable individual, including municipal or local board employees (*Municipal Act* s. 239 2(b)) and litigation or potential litigation, including matters before administrative tribunals, affecting the municipality or local board (*Municipal Act* s. 239 2(e))
2. Ramsay Landfill Buffer Land Acquisition - proposed or pending acquisition of land by the municipality or local board (*Municipal Act* s. 239 2(c))
3. Sale of Business Park Land Lot 24 - proposed or pending acquisition or disposition of land by the municipality or local board (*Municipal Act* s. 239 2(c))

REGULAR SESSION (6:00 p.m.)

C. O CANADA

D. ATTENDANCE

E. APPROVAL OF AGENDA

F. DISCLOSURE OF PECUNIARY INTEREST

G. APPROVAL OF MINUTES

Council Minutes dated April 17 and April 24, 2018

Pages 4-16

H. PUBLIC MEETINGS

[None]

I. DELEGATION, DEPUTATIONS, AND PRESENTATIONS

1. Danielle Shewfelt, Public Health Nurse, Pages 17-20
Leeds Grenville and Lanark District Health Unit

Re: Eastern Ontario Active Transportation Summit

Recommendation:

That the delegation by Danielle Shewfelt re: Eastern Ontario Active Transportation Summit, be received for information.

J. COMMITTEE OF THE WHOLE

Motion to resolve into Committee of the Whole.

(J.1) CONSENT ITEMS

Motion to receive:

- Financial Report to March 31, 2018 Pages 21-31
- Drinking Water Quality Management Standards – 1st Quarter 2018 Pages 32-35

Minutes

Motion to receive:

- Beautification – February 22, 2018 Pages 36-38
- Active Transportation (AT) – April 10, 2018 Pages 39-42

(J.2) REPORTS**Public Works**

- a. Drinking Water System - 2017 Annual Water Report Pages 43-118

Recommendation:

That Council receive the 2017 Annual Summary Report for the Mississippi Mills Drinking Water System pursuant to the requirements of Ontario Regulation 170/03 (Safe Drinking Water Act – 2002);

And that Council receive the Ministry of the Environment and Climate Change (MOECC) - Inspection Rating Record and Inspection Rating Record Methodology for the Reporting Year - 2017-2018 for the Mississippi Mills Drinking Water System as information;

And that Council receive the Municipal Drinking Water License Issue #3 and Drinking Water Works Permit Issue #4 as information.

(J.3) INFORMATION ITEMS

- Mayor's Report None
- County Councillors' Report Pages 119-124
- Mississippi Valley Conservation Authority Pages 125-127
- Information List (*Motion to receive*) Pages 128-138

Recommendation:

That Information List 07-18 be received;

And that Council participate in the Green Light Campaign in support of Children's Mental Health Week May 7th to 11th, 2018 by lighting a prominent Municipal building green.

- Meeting Calendars (May & June) Pages 139-140

K. RISE AND REPORT

Motion to return to Council Session.

Recommendation:

That the recommendations of the Committee of the Whole for the meeting of May 1, 2018 be adopted as resolutions of Council.

L. BY-LAWS

That By-law 18-49 be taken as read, passed, signed and sealed in Open Council.

- 18-49 Tax Rates 2018 Pages 141-143

M. OTHER/NEW BUSINESS

1. Mississippi River Power Corporation Report Pages 145-147
Re: Award of Tender for Millfall and Earthen Dams Projects

Recommendation:

THAT Council authorize Mississippi River Power Corporation to award the Millfall & Earthen Dams Rehabilitation Project construction contract to Ross & Anglin Limited at a revised price of \$1,620,147.85, plus HST.

N. NOTICE OF MOTION

[None]

O. ANNOUNCEMENTS AND INVITATIONS**P. CONFIRMATORY BY-LAW – 18-50****Q. ADJOURNMENT**



The Corporation of the Municipality of Mississippi Mills

Council Meeting #08-18

MINUTES

A regular meeting of Council was held on Tuesday, April 17, 2018 at 6:00 p.m. in the Council Chambers.

A. CALL TO ORDER

Mayor McLaughlin called the meeting to order at 5:33 p.m.

B. CONSIDERATION OF A CLOSED SESSION

Resolution No. 200-18

Moved by Councillor Watters

Seconded by Councillor Lowry

THAT Council enter into an in camera session at 5:33 p.m. re: litigation or potential litigation, including matters before administrative tribunals, affecting the municipality or local board (Municipal Act Section 239 (e)) – Follow up Minor Variance OMB Appeal.

CARRIED

Resolution No. 201-18

Moved by Councillor Pulker-Mok

Seconded by Councillor Torrance

THAT Council return to regular session at 6:00 p.m.

CARRIED

Council recessed at 6:00 p.m. and reconvened at 6:03 p.m.

Rise & Report

1. Follow up Minor Variance OMB Appeal

Staff direction was provided in camera.

C. O CANADA

The Council meeting was opened with the singing of O Canada.

MOMENT OF SILENT MEDITATION

Council rose and observed a moment of silent meditation.

D. ATTENDANCE**PRESENT:**

Mayor Shaun McLaughlin
Councillor Amanda Pulker-Mok
Councillor Denzil Ferguson
Councillor Alex Gillis
Councillor Duncan Abbott
Councillor Christa Lowry
Councillor Jill McCubbin
Councillor Jane Torrance
Councillor John Edwards
Councillor Paul Watters
Councillor Val Wilkinson

ABSENT:

Shawna Stone, Acting CAO
Cynthia Moyle, Acting Clerk
Jennifer Russell, Acting Deputy Clerk
Tiffany MacLaren, Cultural Coordinator (left at 7:02 pm)
Pascal Meunier, Fire Chief (arrived at 6:28 pm and left at 7:22 pm)
Niki Dwyer, Director of Planning (left at 7:44 pm)
Guy Bourgon, Director of Roads & Public Works (left at 7:44 pm)

E. APPROVAL OF AGENDA

Resolution No. 202-18
Moved by Councillor Edwards
Seconded by Councillor Ferguson
THAT the agenda be approved as presented.

CARRIED**F. DISCLOSURE OF PECUNIARY INTEREST**

[None]

G. APPROVAL OF MINUTES

Resolution No. 203-18
Moved by Councillor Torrance
Seconded by Councillor Ferguson
THAT the Council Minutes dated April 3, 2018 be approved as presented.

CARRIED**H. PUBLIC MEETINGS**

[None]

I. DELEGATION, DEPUTATIONS, AND PRESENTATIONS

1. Mike O'Malley, Chair of MM2020 and Clem Pelot, Clayton Working Group
Re: Update on Clayton Broadband and Cellular Project

Key highlights from the presentation included:

- Help build community support for broadband service and improved cellular coverage to Clayton and surrounding area;
- Community Survey Results; and
- Next steps for the Clayton Working Group.

Resolution No. 204-18**Moved by Councillor Edwards****Seconded by Councillor Gilles**

THAT the delegation by Mike O'Malley and Clem Pelot, MM2020, Update on Clayton Broadband and Cellular Project, be received for information;

AND THAT MM2020's request be referred to the Treasurer and Director of Public Works for review and report back to Council.

CARRIED

2. Rob Bell, President of Mississippi Lakes Association and Nader Nakhaei, Water Resources Engineer, MVCA
Re: Mississippi Lake Plan Update Spring 2018

Key highlights from the presentation included:

- Mississippi Lake Ecological Modelling Project; and
- Cyanobacteria (blue green algae).

Resolution No. 205-18**Moved by Councillor Ferguson****Seconded by Councillor Edwards**

THAT the delegation by Rob Bell and Nader Nakhaei, re: Mississippi Lake Plan Update Spring 2018, be received for information.

CARRIED**J. COMMITTEE OF THE WHOLE****Resolution No. 206-18****Moved by Councillor Abbott****Seconded by Councillor Ferguson**

THAT Council resolve into Committee of the Whole, with Councillor Lowry in the Chair.

CARRIED

Council recessed at 7:02 p.m. returned to session at 7:09 p.m.

J.1 **CONSENT ITEMS**

CAO Report – April 2018

Resolution No. 207-18

Moved by Councillor Ferguson

Seconded by Councillor Abbott

THAT the CAO's Report – April 2018 be received.

CARRIED

Update on Fire Communications System

Resolution No. 208-18

Moved by Councillor Edwards

Seconded by Councillor Pulker-Mok

THAT the Update on Fire Communications System 2018 be received.

CARRIED

Drinking Water Quality Management Standards – 4th Quarter 2017

Resolution No. 209-18

Moved by Councillor Wilkinson

Seconded by Councillor Abbott

THAT the Drinking Water Quality Management Standards - 4th Quarter 2017, be received.

CARRIED

Councillor McCubbin declared a pecuniary interest on the following item as is an employee of the Library Board. She was not present during discussions and did not vote on the matter.

Advisory Committee Minutes

Resolution No. 210-18

Moved by Councillor Abbott

Seconded by Councillor Pulker-Mok

THAT the minutes of the following committees be received:

- Library – December 13, 2017, January 31 & March 1, 2018
- Accessibility – January 9, 2018

CARRIED

Council discussed the hiring protocol for the Chief Librarian/CEO. Council requested that the Municipality's Chief Administrative Officer be part of the interview team.

J.2 STAFF REPORTS

Planning and Development

Councillor Abbott declared a pecuniary interest on the following item as owns property adjacent to the location. He was not present during discussions and did not vote on the matter.

- a. Site Plan Control – Menzie Apartments, Honeyborne Street

Resolution No. 211-18

Moved by Councillor Ferguson

Seconded by Councillor Watters

THAT Council approve the site plans for Menzie Almonte Inc. for the property described as Concession 10, Part Lot 16, Plan 27M-80, Block 2 subject to their technical revision to the satisfaction of the Municipality's Roads & Public Works and Planning Departments;

AND THAT the Mayor and Clerk be authorized to enter into a Site Plan Control Agreement for the proposed works.

CARRIED

Public Works

Councillor Abbott declared pecuniary interest on the following item as owns property on the road. He was not present during discussions and did not vote on the matter.

- b. Snedden Road Renaming Update

Resolution No. 212-18

Moved by Councillor Gillis

Seconded by Councillor Edwards

THAT Council direct staff to prepare the necessary by-law to rename Snedden Road to Snedden Farm Road as outlined in the Director of Roads and Public Works' report dated April 17, 2018;

AND THAT Council direct staff to provide the requisite notification of the proposed road renaming in accordance with By-law 07-78 Public Notice Policy.

CARRIED

Motion to amend

Resolution No. 213-18

Moved by Councillor Ferguson

Seconded by Mayor McLaughlin

THAT Council pay for the Canada Post costs associated with the 12 parcels of land renaming the road to Snedden Farm Road.

DEFEATED

J. 3 INFORMATION ITEMS**• Mayor's Report**

The Mayor's report provided highlights from the Rural Mayors Forum of Eastern Ontario (RMFEO) – discussion items included economic and societal importance of healthcare services recruitment, retention & repatriation, business education tax (BET) applied to industrial/commercial properties, and preliminary list of electors.

• County Councillors' Report

Highlights: tenders have been awarded for the two bridges in Almonte which are part of the OVRT; 2017 Residential Tax Rates by municipality; local municipal Levy Apportionment.

• Mississippi Valley Conservation Report

Highlights: Mississippi Valley Conservation Authority secured five (5) years of Source Water Protection Funding.

• Information List 06-18**Resolution No. 214-18****Moved by Councillor Wilkinson****Seconded by Councillor Pulker-Mok****THAT** Information List 06-18 be received.**CARRIED****• Meeting Calendars**

April & May 2018

Amendments:

Day Care Advisory Committee – April 18th cancelled

Accessibility Advisory Committee – April 17th rescheduled to May 15th at 2:30 p.m.

K. RISE AND REPORT**Resolution No. 215-18****Moved by Councillor Ferguson****Seconded by Councillor Pulker-Mok****THAT** the Committee rise and return to Council to receive the report on the proceedings of the Committee of the Whole.**CARRIED**

Councillor Abbott declared a pecuniary interest on items J.2.a and J.2.b as he owns property at both locations. He was not present during discussions and did not vote on the matter.

Resolution No. 216-18

Moved by Councillor Gillis

Seconded by Councillor Pulker-Mok

THAT the recommendations of the Committee of the Whole for the meeting of April 17, 2018 be adopted as resolutions of Council.

CARRIED

L. BY-LAWS

Resolution No. 217-18

Moved by Councillor Lowry

Seconded by Councillor Ferguson

THAT By-law 18-45 to 18-46 inclusive be taken as read, passed, signed and sealed in Open Council.

CARRIED

By-law 18-45

Resolution No. 218-18

THAT By-law 18-45, being a by-law to authorize the sale of certain lands described as Part Lot 15, Concession 10, being Lot 23 as identified on the concept plan of the Business Park lands located at the south corner of Industrial Drive, Almonte Ward (Part of PIN 05090-0231).

CARRIED

By-law 18-46

Resolution No. 219-18

THAT By-law 18-46, being a by-law to amend Procedural By-law 17-03 to include the role of Deputy Mayor and revised definition of what constitutes quorum of Council.

CARRIED

M. OTHER/NEW BUSINESS

1. User-Paid Daycare at AMO Conference

Resolution No. 220-18

Moved by Councillor Lowry

Seconded by Councillor Pulker-Mok

WHEREAS diversity and inclusion is critical for effective political representation; and

WHEREAS people with children provide an important voice in municipal government; and

WHEREAS removing barriers to learning and networking opportunities is a positive step towards inclusion of a wider range of demographics than has traditionally been seen in government;

THEREFORE BE IT RESOLVED THAT the Municipality of Mississippi Mills calls on the Association of Municipalities of Ontario to provide user-pay daycare services to delegates at their annual conference; and

THAT a copy of this Motion be sent to the Association of Municipalities of Ontario and all other Ontario Municipalities for their consideration.

CARRIED

2. Township of South Stormont – request for support – Councillor Torrance
re: Landfill Approval We Demand the Right

Resolution No. 221-18

Moved by Councillor Torrance

Seconded by Councillor Abbott

WHEREAS municipal governments in Ontario do not have the right to approve landfill projects in their communities, but have authority for making decisions on all other types of development;

AND WHEREAS this outdated policy allows private landfill operators to consult with local residents and municipal Councils, but essentially ignore them;

AND WHEREAS proposed Ontario legislation (Bill 139) will grant municipalities additional authority and autonomy to make decisions for their communities;

AND WHEREAS municipalities already have exclusive rights for approving casinos and nuclear waste facilities within their communities;

AND FURTHER that the province has recognized the value of municipal approval for the siting of power generation facilities;

AND WHEREAS the recent report from Ontario's Environmental Commissioner has found that Ontario has a garbage problem, particularly from Industrial, Commercial and Institutional (ICI) waste generated within the City of Toronto, where diversion rates are as low as 15% and unless significant efforts are made to increase recycling and diversion rates, a new home for this Toronto garbage will need to be found, as landfill space is filling up quickly;

AND WHEREAS municipalities across Ontario are quietly being identified and targeted as potential landfill sites for future Toronto garbage by private landfill operators;

AND WHEREAS other communities should not be forced to take Toronto waste, as landfills can contaminate local watersheds, air quality, dramatically increase heavy truck traffic on community roads, and reduce the quality of life for local residents;

AND WHEREAS municipalities should be considered experts in waste management, as they are responsible for this within their own communities, and often have decades' worth of in-house expertise in managing waste, recycling, and diversion programs;

AND WHEREAS municipalities should have the exclusive right to approve or reject these projects, and assess whether the potential economic benefits are of sufficient value to offset any negative impacts and environmental concerns;

THEREFORE BE IT RESOLVED THAT the Municipality of Mississippi Mills calls upon the Government of Ontario, and all political parties, to formally grant municipalities the authority to approve landfill projects in or adjacent to their communities, prior to June 2018;

AND THAT in the case of a two-tier municipality, the approval be required at both the upper-tier and affected lower-tier municipalities;

AND THAT the Municipality of Mississippi Mills encourage all other municipalities in Ontario to consider this motion calling for immediate provincial action.

DEFEATED

N. NOTICE OF MOTION

[None]

O. ANNOUNCEMENTS AND INVITATIONS

Almonte Civitan Volunteer Appreciation – April 18, 2018, 5:00 p.m. – 7:00 p.m.
Gemmill Park Splash Pad Opening – June 16, 2018, 12:00 noon

P. CONFIRMATORY BY-LAW

By-law 18-47

Resolution No. 222-18

Moved by Councillor Abbott

Seconded by Councillor Fergusson

THAT By-law 18-47, being a by-law to confirm the proceedings of the Council of the Corporation of the Municipality of Mississippi Mills at its regular meeting held on the 17th day of April 2018, be read, passed, signed and sealed in Open Council this 17th day of April 2018.

CARRIED

Q. ADJOURNMENT

Resolution No. 223-18

Moved by Councillor Pulker-Mok

Seconded by Councillor Lowry

THAT the meeting be adjourned at 8:20 p.m.

CARRIED

Shaun McLaughlin
MAYOR

Cynthia Moyle
ACTING CLERK



The Corporation of the Municipality of Mississippi Mills

Special Council Meeting #9-18

MINUTES

A special meeting of Council was held on Tuesday, April 24, 2018 at 5:00 p.m. in the Council Chambers.

A. CALL TO ORDER

Mayor McLaughlin called the meeting to order at 5:00 p.m.

B. CONSIDERATION OF A CLOSED SESSION

Resolution No. 224-18

Moved by Councillor Ferguson

Seconded by Councillor Abbott

THAT Council enter into an in camera session at 5:00 p.m. re: personal matters about an identifiable individual, including municipal or local board employees (Municipal Act s. 239 2(b)) – CAO Recruitment.

CARRIED

Resolution No. 225-18

Moved by Councillor Abbott

Seconded by Councillor Watters

THAT Council return to regular session at 6:00 p.m.

CARRIED

Council recessed at 6:00 p.m. and reconvened at 6:05 p.m.

C. O CANADA

The Council meeting was opened with the singing of O Canada.

MOMENT OF SILENT MEDITATION

Council rose and observed a moment of silent meditation.

D. ATTENDANCE

PRESENT:

Mayor Shaun McLaughlin
Councillor Duncan Abbott
Councillor John Edwards
Councillor Denzil Ferguson
Councillor Christa Lowry
Councillor Alex Gillis
Councillor Jill McCubbin
Councillor Amanda Pulker-Mok

ABSENT:

Councillor Jane Torrance
Councillor Paul Watters
Councillor Val Wilkinson

Shawna Stone, Acting CAO
Niki Dwyer, Director of Planning
Andrew Scanlan-Dickie, Junior Planner

E. APPROVAL OF AGENDA

Resolution No. 226-18

Moved by Councillor Ferguson

Seconded by Councillor Abbott

THAT the agenda be approved as presented.

CARRIED

F. DISCLOSURE OF PECUNIARY INTEREST

[None]

G. REPORTS

a. Community Official Plan Summary of Public Comments Received

The Director of Planning reviewed the comments received during the statutory and supplemental consultation processes conducted to-date. The Director of Planning addressed questions from Council.

Multiple items were discussed including boundary changes; communications with absentee landlords; Environmental Impact Study (EIS); desire for a more comprehensive review; tree cutting under County by-law; definition of adjacent lands; site alterations; Mississippi Valley Conservation Authority (MVCA) mapping/wetlands; and natural heritage linkages.

The Director outlined the next steps. She indicated she will continue to offer Friday public drop-ins and appointments for those with questions and will do so up until the public meeting on May 22nd.

Resolution No. 227-18

Moved by Councillor Edwards

Seconded by Councillor Gillis

THAT Community Official Plan Summary of Public Comments Received, dated April 24, 2018, be received.

CARRIED

H. CONFIRMATORY BY-LAW

Resolution No. 228-18

Moved by Councillor Ferguson

Seconded by Councillor McCubbin

THAT By-law 18-48, being a by-law to confirm the proceedings of the Council of the Corporation of the Municipality of Mississippi Mills at its special meeting held on the 24th day of April, 2018, be read, passed, signed and sealed in Open Council this 24th day of April, 2018.

CARRIED

I. ADJOURNMENT

Resolution No. 229-18

Moved by Councillor Watters

Seconded by Councillor Ferguson

THAT the meeting be adjourned.

CARRIED

Council adjourned at 7:00 p.m.

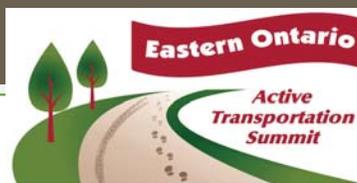
Shaun McLaughlin
MAYOR

Shawna Stone
ACTING CAO



Presenters:

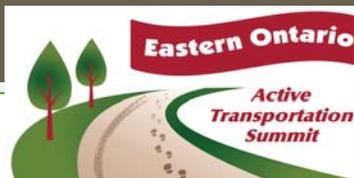
Danielle Shewfelt-Leeds Grenville
and Lanark District Health Unit &
Jeff Mills-Mills Community Support



What is the EOAT Summit?

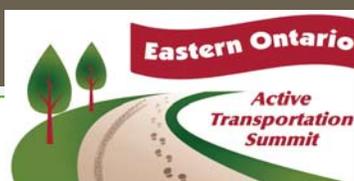
- An Opportunity to learn, network and collaborate on planning and implementing successful active transportation (AT) networks.
- Find out what resources and funding opportunities already exist to support you.
- We are bringing the experts to you!





Who attends the Summit?

- We expect between 80-100 participants
- 20 expert presenters and panelists
- Participants represent:
 - Municipal government
 - Economic development
 - Planning
 - Public Works
 - Tourism
 - Recreation
 - Education
 - Public health and other government/health sectors
 - Passionate residents and advocates



Highlights from Agenda

Day 1 (Full Day)

- Dr. Michael Cheng from CHEO –benefits of being active outdoors
- Justin Jones from Share the Road-Providing provincial updates
- Wallace Beaton form Green Communities Canada-Active School Travel
- Dave McLaughlin from WSP-AT Planning and Designs
- AT Panel discussion with many staff and planners with hands on experience

Day 2 (Half Day)

- Bicycle Tourism Workshop and Municipal Round Table

Where do we stand today?

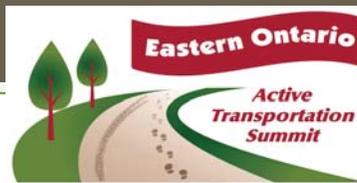
- 2/3 of people live in 40 municipalities designated as **Bicycle Friendly Communities**
- 80% of Ontarians live in municipalities with “**complete streets**” policies or mandates.
- Progress is supported with **provincial investments** that started a couple of years ago.
- Ontario is embracing AT as a key initiative to tackle population challenges, transportation costs/congestion, health and climate change.



Current Funding

- Ontario Municipal Commuter Cycling Program is granting \$93 million in year 1 (covering up to 80% of the municipal costs).
- Having an AT Plan is key! Funding can support the development of one.
- Green Communities grants for Active School Travel.

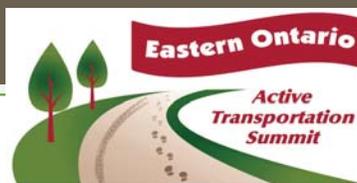




Three Summary Points.

- **First:** Demand for lifestyle opportunities like AT results in economic benefits
- **Second:** cycle tourism growth is strong
- **Third:** Provincial funding is available to municipalities who are asking

The summit can give you the resources, networking and planning needed for municipalities to benefit from all of these items.



Thank You!

- Join us at the Eastern Ontario Active Transportation Summit as we ramp up our "Planning for Action".

May 10-11 at the Brockville Memorial Centre

To Register:

<https://eoats2018.eventbrite.com>

Thank you for your time and attention this evening.



THE CORPORATION OF THE MUNICIPALITY OF MISSISSIPPI MLLS

CONSENT REPORT

DATE: May 1, 2018
TO: Council
FROM: Rhonda Whitmarsh, Treasurer
SUBJECT: **Financial Report to March 31, 2018**

RECOMMENDATION:

THAT the Financial Report to March 31, 2018 be received.

BACKGROUND:

A financial report is prepared periodically for Council’s review.

DISCUSSION:

The total levy for 2018 is 21,070,127. The following table represents the tax arrears at March 31, 2018:

	Taxes	Interest	Total	% of Total
3 Yrs & Prior	175,180	52,276	227,456	10.92
2 years	324,840	53,801	378,641	18.17
1 year	670,632	52,516	723,148	34.71
Current	570,667	5,725	576,392	27.66
NSF Charges	720		720	.03
O/S Invoices	54,540		54,540	2.62
Water Tsf to taxes	122,655		122,655	5.89
Total	1,919,234	164,318	2,083,552	100.00
% of 2017 Levy	9.11	.78	9.89	

2018 interim tax bills were due February 27th. Following the due date, reminder notices were mailed and payment options continue to be promoted such as making payments online or signing up for the Municipality’s pre-authorized payment plan.

Operating

There are a two operational issues to bring to Council’s attention at this time as follows:

- Other professional fees within the Admin. budget is at \$44,550 with a budget of \$30,000. The overage is due to the contract with Ravenhill Consulting for the recruitment of a CAO (Resolution 94-18).
- Other professional fees with the Planning budget is at \$64,056 with a budget of \$12,500. This overage is made up of additional planning assistance from JL Richards and OMB costs.

Capital

The capital program is just getting started for the year. The only issue is again within the Planning budget. Community Official Plan Review costs are at \$22,932 with no budget. This project is not yet finished so additional costs will be incurred.

Attached please find details of financial results to March 31, 2018.

FINANCIAL IMPLICATIONS:

In addition to what is noted above, unexpected expenditures/savings not included in the 2018 budget to date are as follows:

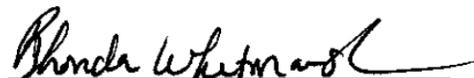
- OPP rebate for 2017 in the amount of \$11,535
- Main Street Revitalization grant in the amount of \$49,290 to procure new benches, bike racks and waste receptacles for the downtowns of Almonte and Pakenham (Resolution 186-18)
- Sale of Business Park Lands for \$195,000 (By-law 18-26)

SUMMARY:

There are no issues to bring to the Committee's attention at this time other than what is noted above.

Respectfully Submitted,

Reviewed by,



Rhonda Whitmarsh,
Treasurer



Shawna Stone,
Acting CAO

ATTACHMENTS:

1. Financial Report to March 31, 2018

**Municipality of Mississippi Mills
Statement of Operations
For the three months ending March 31, 2018**

	2018 Budget	YTD 2018	Bal Remaining YTD	Bal Remaining %	2017 YTD
GENERAL FUND					
REVENUE					
General Taxation	\$20,884,000.00	\$8,439,122.00	\$12,444,878.00	59.59%	\$7,977,669.00
Federal Government Grants	0.00	0.00	\$0.00	0.00%	0.00
Provincial Government Grants	912,938.00	216,053.00	\$696,885.00	76.33%	206,278.00
Municipal Grants	26,700.00	13,377.00	\$13,323.00	49.90%	13,140.00
Fees & Service Charges	1,744,812.00	52,882.00	\$1,691,930.00	96.97%	38,292.00
Grant In Lieu	262,252.00	4,663.00	\$257,589.00	98.22%	3,947.00
Other Revenue	978,720.00	333,468.00	\$645,252.00	65.93%	128,643.00
Total General Revenue	24,809,422.00	9,059,565.00	15,749,857.00	63.48%	8,367,969.00

	2018 Budget	YTD 2018	Bal Remaining YTD	Bal Remaining %	2017 YTD
EXPENDITURES					
Council	281,525.00	64,153.00	\$217,372.00	77.21%	58,674.00
General Administration	1,202,045.00	312,523.00	\$889,522.00	74.00%	233,171.00
General Admin. Buildings	463,417.00	108,895.00	\$354,522.00	76.50%	118,928.00
Fire Department	852,530.00	181,615.00	\$670,915.00	78.70%	135,390.00
Police	1,874,320.00	312,417.00	\$1,561,903.00	83.33%	151,988.00
Protection to Persons/Property	294,040.00	113,024.00	\$181,016.00	61.56%	104,601.00
Transportation	4,629,491.00	796,419.00	\$3,833,072.00	82.80%	865,642.00
Environmental Services	1,569,602.00	282,225.00	\$1,287,377.00	82.02%	237,268.00
Septage	27,000.00	0.00	\$27,000.00	100.00%	0.00
Day Care	57,587.00	3,397.00	\$54,190.00	94.10%	2,388.00
Recreation	1,352,716.00	287,353.00	\$1,065,363.00	78.76%	250,289.00
Library	631,974.00	143,856.00	\$488,118.00	77.24%	129,233.00
Heritage Committee	48,775.00	75.00	\$48,700.00	99.85%	75.00

Other Cultural	30,500.00	27,000.00	\$3,500.00	11.48%	27,200.00
Planning and Zoning	268,358.00	98,041.00	\$170,317.00	63.47%	55,461.00

	2018 Budget	YTD 2018	Bal Remaining YTD	Bal Remaining %	2017 YTD
Economic Development	276,590.00	45,472.00	\$231,118.00	83.56%	42,306.00
Agriculture & Drainage	19,710.00	8,288.00	\$11,422.00	57.95%	8,288.00
County & School Requisitions	10,929,242.00	1,064,037.00	\$9,865,205.00	90.26%	1,043,069.00
Total General Expense	24,809,422.00	3,848,790.00	20,960,632.00	84.49%	3,463,971.00

BUILDING DEPARTMENT

Building Dept. Revenues	400,353.00	53,762.00	\$346,591.00	86.57%	65,975.00
Building Dept. Expenses	400,353.00	83,992.00	\$316,361.00	79.02%	87,042.00
Net Building Dept.	0.00	(30,230.00)	30,230.00	0.00%	(21,067.00)

WATER & SEWER

Water & Sewer Revenues	3,496,812.00	514,356.00	\$2,982,456.00	85.29%	472,165.00
Water & Sewer Expenses	3,496,812.00	453,269.00	\$3,043,543.00	87.04%	407,829.00
Net Water & Sewer	0.00	61,087.00	(61,087.00)	0.00%	64,336.00

Net General Fund	0.00	4,947,267.00			3,191,613.00
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**Municipality of Mississippi Mills
Statement of Operations
For the three months ending March 31, 2018**

	2018 Budget	YTD 2018	Bal Remaining YTD	Bal Remaining %	2017 YTD
CAPITAL FUND					
Council	\$27,500.00	\$2,569.00	\$24,931.00	90.66%	\$0.00
Administration	165,000.00	20,232.00	\$144,768.00	0.00%	0.00
Administration Buildings	75,000.00	2,254.00	\$72,746.00	96.99%	0.00
Fire Department	326,800.00	4,407.00	\$322,393.00	0.00%	20,176.00
Building Department	0.00	0.00	\$0.00	0.00%	0.00
Protection to Persons/Property	21,000.00	0.00	\$21,000.00	0.00%	2,056.00
Transportation	6,931,890.00	531,143.00	\$6,400,747.00	92.34%	28,154.00
Sewer & Water (Non Area Rated)	0.00	0.00	\$0.00	0.00%	0.00
Waste Managment	101,100.00	17,777.00	\$83,323.00	82.42%	0.00
Daycare	85,500.00	0.00	\$85,500.00	100.00%	2,872.00
Recreation	1,853,623.00	5,638.00	\$1,847,985.00	99.70%	102,970.00
Library	170,800.00	7,776.00	\$163,024.00	95.45%	6,521.00
Planning and Zoning	0.00	22,932.00	(\$22,932.00)	0.00%	6,464.00
Community Economic Development	111,550.00	3,943.00	\$107,607.00	96.47%	3,256.00
Agricultural & Drainage	0.00	0.00	\$0.00	0.00%	0.00
Total Capital Fund	9,869,763.00	618,671.00	9,251,092.00	93.73%	172,469.00
WATER & SEWER CAPITAL					
Water & Sewer Capital	1,771,000.00	22,354.00	\$1,748,646.00	98.74%	267,433.00
Total Water & Sewer Capital	1,771,000.00	22,354.00	1,748,646.00	81.18%	267,433.00

**Municipality of Mississippi Mills
Statement of Operations
For the three months ending March 31, 2018**

	2018 Budget	YTD 2018	Bal Remaining YTD	Bal Remaining %	2017 YTD
DAYCARE					
REVENUE					
Fees & Service Charges	\$1,524,195.00	\$432,098.00	\$1,092,097.00	71.65%	342,876.00
Municipal Grant	\$13,587.00	\$3,397.00	\$10,190.00	75.00%	2,388.00
TOTAL REVENUE	\$1,537,782.00	\$435,495.00	\$1,102,287.00	71.68%	345,264.00
EXPENDITURES					
Salaries & Benefits	1,404,332.00	343,960.00	\$1,060,372.00	75.51%	310,497.00
Supplies	93,300.00	25,087.00	\$68,213.00	73.11%	14,092.00
Service/Rent	40,150.00	12,509.00	\$27,641.00	68.84%	13,465.00
Total Daycare Expenses	1,537,782.00	381,556.00	1,156,226.00	75.19%	338,054.00
Net Daycare Fund	0.00	53,939.00	(53,939.00)	0.00%	7,210.00
=====					
LIBRARY					
REVENUE					
Federal Gov't Grants	\$12,000.00	\$0.00	\$12,000.00	100.00%	\$0.00
Provincial Gov't Grants	31,848.00	352.00	\$31,496.00	98.89%	3,161.00
Municipal Grants	607,924.00	143,856.00	\$464,068.00	76.34%	129,233.00
Fees & Service Charges	18,150.00	4,613.00	\$13,537.00	74.58%	4,588.00
Total Revenue	669,922.00	148,821.00	521,101.00	10.58%	136,982.00

	2017 Budget	YTD 2017	Bal Remaining YTD	Bal Remaining %	2016 YTD
EXPENDITURES					
Salaries & Benefits-Almonte	351,212.00	83,347.00	\$267,865.00	76.27%	74,632.00
Salaries & Benefits-Pakenham	109,879.00	25,025.00	\$84,854.00	77.22%	12,204.00
Administration-Almonte	24,355.00	9,374.00	\$14,981.00	61.51%	12,213.00
Administration-Pakenham	12,275.00	3,685.00	\$8,590.00	69.98%	677.00
Materials & Supplies-Almonte	46,800.00	10,811.00	\$35,989.00	76.90%	11,931.00
Materials & Supplies-Pakenham	19,383.00	5,346.00	\$14,037.00	72.42%	3,252.00
Building Operations-Almonte	22,000.00	4,840.00	\$17,160.00	78.00%	4,915.00
Building Operations-Pakenham	31,108.00	1,807.00	\$29,301.00	94.19%	1,047.00
Other Expenditures	52,910.00	12,560.00	\$40,350.00	76.26%	12,120.00
Total Library Expenses	669,922.00	156,795.00	513,127.00	76.60%	132,991.00
Net Library Fund	0.00	(7,974.00)	7,974.00	0.00%	3,991.00

**Municipality of Mississippi Mills
Statement of Operations
For the three months ending March 31, 2018**

	2018 Budget	YTD 2018	Bal Remaining YTD	Bal Remaining %	2017 YTD
RECREATION FUND					
REVENUE					
Federal Gov't Grants	\$2,800.00	\$0.00	\$2,800.00	100.00%	\$0.00
Municipal Grants	1,152,813.00	287,353.00	\$865,460.00	75.07%	250,289.00
Fees & Service Charges	511,050.00	178,252.00	\$332,798.00	65.12%	186,437.00
Total Revenue	1,666,663.00	465,605.00	1,201,058.00	72.06%	436,726.00
EXPENDITURES					
SALARIES & BENEFITS					
Salaries-Recreation Management	157,000.00	32,998.00	\$124,002.00	78.98%	32,096.00
Other Payroll Expenses-F/T	217,100.00	45,358.00	\$171,742.00	79.11%	49,767.00
Other Payroll Expenses-P/T	24,700.00	8,108.00	\$16,592.00	67.17%	5,765.00
Total Expense	398,800.00	86,464.00	312,336.00	78.32%	87,628.00
GENERAL EXPENSES					
General Rec. Expenses	342,221.00	42,956.00	\$299,265.00	87.45%	41,267.00
Total General Expenses	342,221.00	42,956.00	299,265.00	87.45%	41,267.00
Almonte Arena Expenses	281,665.00	80,358.00	\$201,307.00	71.47%	102,183.00
SCC Arena Expenses	218,995.00	69,928.00	\$149,067.00	68.07%	74,865.00
Sports Fields & Parks	161,840.00	7,718.00	\$154,122.00	95.23%	11,279.00
Vehicles & Equipment	27,750.00	675.00	\$27,075.00	97.57%	1,594.00
Programs	21,525.00	1,333.00	\$20,192.00	93.81%	1,726.00
Events	53,550.00	1,479.00	\$52,071.00	56.32%	1,620.00
Other Recreation	147,787.00	124,768.00	\$23,019.00	15.58%	121,490.00
Total Expense	913,112.00	286,259.00	626,853.00	68.65%	314,757.00

Total Recreation Expense	1,654,133.00	415,679.00	1,238,454.00	21.64%	443,652.00
Net Recreation Fund	12,530.00	49,926.00	(37,396.00)	0.00%	(6,926.00)

**Municipality of Mississippi Mills
Statement of Operations
For the three months ending March 31, 2018**

	2018 Budget	YTD 2018	Bal Remaining YTD	Bal Remaining %	2017 YTD
CURLING FUND					
FUNCTIONAL REVENUE					
Fees & Service Charges					
Beverage Sales	\$30,000.00	\$23,440.00	\$6,560.00	21.87%	\$14,450.00
Food Sales	3,500.00	0.00	\$3,500.00	100.00%	1,530.00
Curling Lounge Rental	2,500.00	0.00	\$2,500.00	(93.32%)	0.00
Curling Surface Rental	500.00	0.00	\$500.00	100.00%	0.00
Curling Surface Bar Proceeds	2,000.00	0.00	\$2,000.00	100.00%	0.00
Curling Ice Rental-Curling Club	31,315.00	15,657.00	\$15,658.00	50.00%	15,201.00
Curling Advertising	0.00	0.00	\$0.00	#DIV/0!	0.00
Total Revenue	69,815.00	39,097.00	30,718.00	44.00%	31,181.00
EXPENDITURES					
Insurance	5,095.00	5,242.00	(\$147.00)	(2.89%)	6,941.00
Utilities	35,000.00	13,979.00	\$21,021.00	60.06%	14,592.00
Misc. Expense	500.00	0.00	\$500.00	100.00%	0.00
Lounge Setup/Cleanup	0.00	0.00	\$0.00	0.00%	0.00
Lounge Bar Expenses	0.00	0.00	\$0.00	0.00%	0.00
Lounge Cleaning	0.00	0.00	\$0.00	0.00%	0.00
Surface Rental Setup/Cleanup	0.00	0.00	\$0.00	#DIV/0!	0.00
Surface Rental Bar Expenses	0.00	0.00	\$0.00	0.00%	0.00
Surface Rental Cleaning	0.00	0.00	\$0.00	0.00%	0.00
Surface Rental Misc. Maint.	0.00	0.00	\$0.00	0.00%	0.00
Ice Rental Lounge Maint.	7,500.00	3,810.00	\$3,690.00	49.20%	1,964.00
Ice Rental Locker Maint.	2,000.00	1,574.00	\$426.00	21.30%	1,117.00
Ice Rental Surface Maint.	4,250.00	0.00	\$4,250.00	100.00%	260.00

Equipment Maintenance- Ice Plant	4,600.00	75.00	\$4,525.00	98.37%	1,269.00
Equipment Maintenance-Ice Scraper	250.00	0.00	\$250.00	100.00%	0.00

	2017 Budget	YTD 2017	Bal Remaining YTD	Bal Remaining %	2016 YTD
Curling Bar	23,150.00	17,719.00	\$5,431.00	23.46%	15,610.00
Total Expense	82,345.00	42,399.00	39,946.00	48.51%	41,753.00
Net Curling Fund	(12,530.00)	(3,302.00)	(9,228.00)	73.65%	(10,572.00)



**1st Quarter 2018
Drinking Water Quality Management Standard
Report to Members of Council**

The purpose of this report is to summarize the activities of the Roads and Public Works Department (water distribution system) for the period of January 1st, 2018 through March 31st, 2018.

Operational Plan Revisions

There were no Operational Plan Revisions during this Quarter.

Internal Audits

There were no Internal Audits during this Quarter.

External Audits

The Municipality's DWQMS Certification Year 1 Full System Audit & Initial Verification Audit of the Municipality's QMS-Operational Plan (OAP-178) was completed. The process included an audit on February 9, 2018. The Municipality was provided its Audit Report on February 15, 2018 indicating conformance with our System with no action items to be addressed.

Status of License

The certificate of full-scope accreditation for our QMS – Operational Plan (OAP-178) currently posted with our sub-system licenses was received on March 2, 2018 and expires on December 31, 2019.

The Municipality received its Municipal Drinking Water License (MDWL) – Issue #3 and Drinking Water Works Permit (DWWP) – Issue #4 on February 22, 2018. The Municipality's MDWL expires on July 19, 2021 and the DWWP expires on August 31, 2027.

Drinking Water Quality

Customer Service Inquiries

During the first Quarter of 2018, 12 (twelve) inquiries received relating to water supply and/or qualities are summarized as follows:

- Water main break – 8
- Frozen water – 2
- Broken hydrant - 1
- Odour - 1

Adverse Water Quality Incidents

There were no reportable adverse quality incidents in the first Quarter (per Ontario Regulation 170/03).

Management Review

The next Management Review is not scheduled until the fourth Quarter of 2018.

Operational Activities

The following activities have been initiated or completed during the first Quarter:

- January 1/18 – frozen service – 96 Colina St.
- January 6/18 – water main break – 289 King St.
- January 6/18 – water main break – 321 King St.
- January 6/18 – frozen service – 152 Ottawa St.
- January 11/18 – water main repair – Ann St.
- January 19/18 – water main repair – 123 Elgin St.
- January 22/18 – water main repair – Malcolm St.
- February 9/18 – SAI Global External Audit
- February 14/18 – MOECC Drinking Water System Inspection
- February 15/18 – water main repair – 133 Marshall St.
- February 15/18 – water main break – 137 Marshall St.
- February 22/18 – water main break – Naismith Dr. and Bridge St.
- March 23/18 – water main break – 482 Almonte St./Well #5
- Meter reading - first billing cycle West of river
- Water meter change-outs ongoing
- Leak detection activities ongoing
- Water main flushing ongoing

Water Production Statistics

- Refer to attached Table / Graph.

Upcoming Events / Activities

April

Annual Equipment Calibrations
Service Repairs
Water Meter Reads – West of River

May

Source Water Protection Atlas Training
Water Meter Reads – East of River
Construction of State and Martin to commence

June

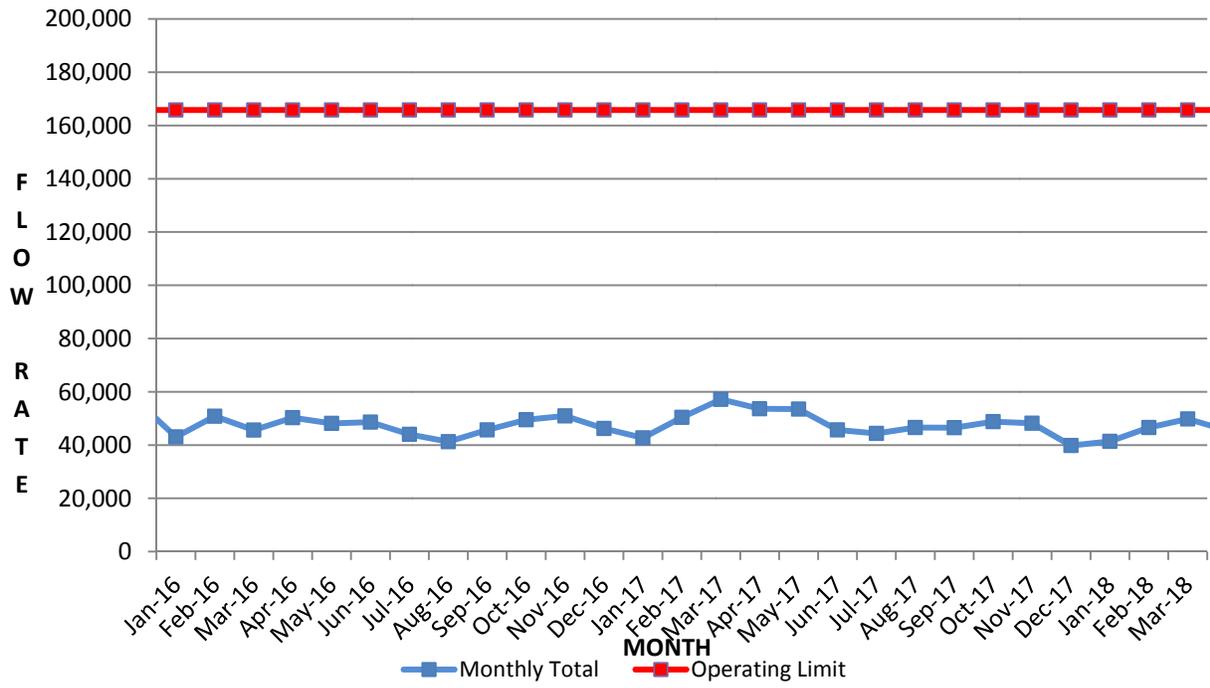
New Water Reads Schedule to commence
Spring Hydrant Flushing Program
Valve Turning Programs

Cc: All Licensed Waterworks Staff

 WATER TREATMENT PRODUCTION (2018 YEAR TO DATE)							
Month/Year	Well 3 Monthly Total (m3)	Well 5 Monthly Total (m3)	Well 6 Monthly Total (m3)	Well 7 Monthly Total (m3)	Well 8 Monthly Total (m3)	Monthly Total (m3)	Operating Limit (m3)
Jan-18	5195.29	5974.24	4321.55	19178.2	16846.41	51515.69	165826.8
Feb-18	6004.61	7650.68	8026.28	23474.66	838.22	45994.45	165826.8
Mar-18	4794.42	6003.12	1994.28	20979.99	18292.62	52064.43	165826.8
Apr-18						0	165826.8
May-18						0	165826.8
Jun-18						0	165826.8
Jul-18						0	165826.8
Aug-18						0	165826.8
Sep-18						0	165826.8
Oct-18						0	165826.8
Nov-18						0	165826.8
Dec-18						0	165826.8



WTP Treated Water



The Corporation of the Municipality of Mississippi Mills
Beautification Committee Meeting
Thursday February 22, 2018 at 8:00AM
Almonte Old Town Hall meeting room

Present: Malte Mendzigall (Chairperson)
Julie Yeaman
Joachim Moenig
Jill McCubbin
Garwood Tripp
Cornelius Berg

Staff: Tiffany MacLaren, Community, Cultural & Economic Coordinator
Bonnie Ostrom, Recording Secretary

Regrets: David Hinks, Lea Anne Solomonian, Nancy Timmons, Betty Waterman

Chairperson Malte Mendzigall called the meeting to order at 8:09 am.

A. Approval of Agenda

To add E e) Rail Trail E f) Banners

Moved by Cornelius Berg

Seconded by Joachim Moenig

THAT the February 22, 2018 agenda be accepted as amended.

CARRIED

B. Disclosure of Pecuniary Interest

C. Round Table – Positive observations around Mississippi Mills

D. Approval of Minutes – February 01, 2018

Moved by Garwood Tripp

Seconded by Julie Yeaman

THAT the February 01, 2018 Beautification minutes be accepted as presented.

CARRIED

E. Business

a) Updates from MM Communities; Appleton, Clayton & Blakeney

Appleton: The Appleton Community Association (ACA) has been reactivated with Rick Soudant assuming the role of chair, assisted by Rob Cretien. Allison Ball is preparing an outline of two proposals; one regarding the Appleton parks and the other her recommendations related to the Appleton development on the former Collie Mills land. The ACA, which includes

Beautification Committee's Betty Waterman will then meet to organize ideas before contacting the residents of Appleton for their input.

Laurel Cook and the Area Artists Association approached the ACA with regards to installing a piece of public art in Appleton. The ACA wanted to give feedback and suggested this wait until they complete their park proposal.

Rick has also sent a letter to Jeff Mills, Active Transportation Committee chair, expressing an interest in establishing a connection between the village and the Ottawa Valley Rail Trail and requesting the assistance of the committee for direction toward achieving that outcome.

Lastly, a community fundraising initiative is underway to raise \$940.00 to fund a plaque in memory of Paul Craig, a resident of Appleton who died last May and his mother who died shortly after, as well as replace a plaque in memory of Brian Cole, a resident who died at age 12 a number of years ago, that was vandalized.

Blakeney: Cornelius confirmed hydro has started cutting down dead road side brush/trees. He noted some flooding has started in the area.

Clayton: The public art piece will be installed this spring.

b) Updates from Pakenham and Almonte Hort. Societies

Pakenham: Garwood confirmed Pakenham hort meeting will take place tonight with a long list of items they will be discussing. He did note that the group has decided to use Carleton Place Nursery for their barrel inserts this year. They plan on doing designing/organizing the planting at the Pakenham library. Garwood will send an email with updates from the meeting to the committee members.

Almonte: Nothing to report at this time.

c) Brainstorming continues

These are some other brainstorming ideas:

- Redo the mulch in the roundabout. Possible look at alternate material such as corn gluten. Possibly highlight basketball somehow in the roundabout design?
- Movie Nights held at the Old Town Hall as fundraisers? Volunteers would be required. Tiffany will check into the movie rights for a season vs per movie. She will also inquire whether the Almonte Library would share their movie license. Some thought perhaps holding Sunday matinee family movies closer to Christmas as fundraisers. Parents could be encouraged to drop off their kids to watch a movie and they could go Christmas shopping. This could be in partnership with local downtown businesses.

d) Beautification Committee Project List – assign leads

- The working group for the fundraising ideas will meet after the next Beautification meeting on March 22.

- Wendy Moenig has agreed to help where she can with the design, information on printers, paper quality etc for the proposed coffee table book.
- It was suggested that the Canada Arts Council provides grants for art work, Tiffany will check to see if the coffee table book could be considered.
- The working group will have to decide on the theme, layout etc before moving forward with possible printers, book binding etc. Then Tiffany will advertise in the Mill Stone requesting photos from area residents/amateur photographers etc.

e) Rail Trail

Joachim asked about the outcome of the Lanark County Council decision on the CP rail trail. It was confirmed that the County voted to have the trail “as multi-use” trail. They agreed to review the decision in two years’ time. The work on the trail will begin this spring by putting 5/8 granular refined stone on the trail. This will be graded and rolled. The County will maintain the trail; look at posting speed limit signs etc.

f) Banners

The banners made by Laurel Cook are not holding up as initially thought. Laurel will take an inventory of the banners and repair as many as possible. She suggested perhaps looking at metal banners. These could be up year round and could be made overtime and installed.

F. Tree Meeting Report

Julie will try to organize a tree meeting to discuss Arbour Week walks N talks and other Arbour Week activities. A Tree Champion will have to be chosen for 2018. Julie will look into getting a film to show for Arbour Week.

Julie attended a workshop on Woodlot Management in Kemptville where they spoke of Heritage Trees and a lot more. She will forward the information on to Neil Carleton in hopes the Shady Characters column can be reinstated in the Millstone.

G. Correspondence - none

H. Round Table

Fern’s musical fence will be installed early spring.

Tiffany to discuss the Ottawa St. landscape plan with the new planner. The plan was approved by Council but no budget has been allocated to the project.

I. Adjournment

Moved by Cornelius Berg

Seconded by Joachim Moenig

THAT the February 22, 2018 Beautification committee meeting be adjourned.

CARRIED

Meeting was adjourned at 9:50 am

Bonnie Ostrom, Recording Secretary

**The Corporation of the Municipality of Mississippi Mills
ACTIVE TRANSPORTATION ADVISORY COMMITTEE MINUTES**

A regular meeting of the Active Transportation Advisory Committee was held on April 10, 2018 at 6:00 p.m. at the Old Town Hall.

Present:

Jeff Mills, Chair
Theresa Peluso
Robbie Brady
Councillor John Edwards
Heather Smith
Councillor Jill McCubbin
George Yaremchuk
Danielle Shewfelt

Absent:

Calvin Murphy, regrets

Staff:

Guy Bourgon, Director of Roads and Public Works
Cindy Hartwick, Recording Secretary

Chair Jeff Mills called the meeting to order at 6:00 pm.

A. APPROVAL OF AGENDA:

Moved by Councillor John Edwards
Seconded by Danielle Shewfelt

THAT the agenda be approved.

CARRIED

B. DISCLOSURE OF PECUNIARY INTEREST:

None

C. DELEGATIONS/PRESENTATIONS/TOURS:

None

D. APPROVAL OF MINUTES:

Moved by Heather Smith
Seconded by Councillor Jill McCubbin

THAT the Active Transportation Advisory Committee minutes dated January 23, 2018 be approved.

CARRIED

E. BUSINESS ARISING OUT OF MINUTES:

Prioritization of projects in Master AT Plan

- ATP Costs Chart with revised costs
- Martin Street, Sadler Drive and Main Street – bike lane discussions (all committee members are to review the areas prior to the meeting)

Moved by Theresa Peluso
Seconded by Robbie Brady

THAT the revised Active Transportation Plan Cost Chart be shared with Council for information.

CARRIED

Moved by Danielle Shewfelt
Seconded by Robbie Brady

THAT the Committee supports proceeding with Martin St. N and Sadler Drive being the preferred bicycle lane projects for 2018 and proceed with the design and public open house process.

CARRIED

Moved by Theresa Peluso
Seconded by George Yaremchuk

THAT given the possibility of a trail between Industrial Drive and Paterson Street that there be consideration of an active transportation route connecting Sadler Drive to Industrial Drive, given that Paterson Street is currently too narrow.

CARRIED

F. REPORTS:

None

G. INFORMATION/CORRESPONDENCE:

1. School Travel Planning Committee – Danielle Shewfelt reported that they should be hearing soon if the Walking School Bus Project application was successful. Mississippi Mills is one of the sites for the project. If the application is successful Danielle indicated any help from this Committee would be appreciated.
2. Working Group – develop a plan for a trail system in and around the hamlet of Pakenham – update – Jeff Mills

Jeff Mills indicated that he and Councillor Denny Ferguson have walked a potential trail. A meeting will be held soon to see who else will be willing to help.

H. OTHER/NEW BUSINESS:

1. 2018 Bicycle Month and MMATAC – Jeff Mills

Jeff Mills indicated that they are looking for ideas of events that could be held during Bicycle Month. If anyone has any ideas they were asked to please forward them to Jeff.

2. Green Communities Canada “Pedestrian-Friendly” program designation and possible funding – Jeff Mills

May 10-11 Eastern Ontario Bike Summit in Brockville: If anyone is interested in attending they are to let Cindy know so she can do the registration.

3. Riverfront Estates – trails – Jill McCubbin

The Planner was going to discuss the possibility of including a trail at the southern limit of Phase 5 with the developer. Councillor McCubbin will follow up with the Planner.

4. Safe Cycling Grant

Guy Bourgon and Jeff Mills completed an application for the Safe Cycling Grant and were successful in receiving \$7,500.00

The expenditures have to be focused around Cycling Education. The recommended expenditures were submitted as part of the application and were to be completed by March 31, 2018. Reporting is to be completed by April 30th. Jeff is to provide Guy with the necessary information for reporting purposes prior to this date.

1000 rack cards will be printed, videos will be developed, there will be a social media campaign with prizes, bike lights will be purchased.

I. MEETING ANNOUNCEMENTS:

Active Transportation Advisory Committee Old Town Hall– 6:00 pm
Tuesday, May 29, 2018

2018 meetings
Tuesday, September 11, 2018

- Update on crosswalk on Bridge Street from County.
- Traffic data be sent prior to next meeting.
- Jeff Mills will not be at the next meeting.

J. ADJOURNMENT:

Moved by Danielle Shewfelt
Seconded by Heather Smith
The meeting adjourned at 7:35 p.m.

CARRIED

Facility Type	Class	Street/Path	From	To	Justification	Length (m)	Original Unit Cost (\$/m) (both sides for cycling facilities)	Original Total Cost (\$)	Revised Unit Cost (\$/m) (both sides for cycling facilities)	Revised Total Cost (\$)	Implementation Schedule	Notes
Rural Cycle Lane (MM)	Spine	Blakeney Rd.	County Rd. 29	Martin St.		1,715	\$1	\$1,715	\$1	\$1,715	High	
	Spine	Clayton Rd.	Tatlock Rd.	County Rd. 29		9,462	\$265	\$2,507,430	\$1	\$9,462	High	Just signage
	Spine	Old Perth Rd.	County Rd. 29	Ramsay Con. 8		1,375	\$265	\$364,375	\$265	\$364,375	High	
	Spine	Ramsay Con. 8	Clayton Rd.	Old Perth Rd.		3,710	\$265	\$983,150	\$265	\$983,150	High	To be completed with regular road work repairs
	Secondary	Bennies Corners Rd.	Ramsay Con. 8	County Rd. 29		1,565	\$1	\$1,565	\$1	\$1,565	Medium	leave for just signage but look for grants to surface treat this section \$208/m = \$325,520
	Secondary	Gleeson Rd.	Ramsay Con. 8	Christian St.		1,399	\$1	\$1,399	\$1	\$1,399	Medium	
	Secondary	Old Almonte Rd.	Johanna St.	Golden Line Rd.		5,560	\$210	\$1,167,600	\$210	\$1,167,600	Low	it's part of the transportation/vehicular road upgrade too coincident to Transportation plan too. Paved shoulders from Johanna to Almonte limit completed in 2017.
	Secondary	Ramsay Con. 8	Bennies Corners Rd.	Clayton Rd.		2,700	\$1	\$2,700	\$1	\$2,700	Medium	
	Secondary	Ramsay Con. 8	Old Perth Rd.	County Rd. 29		8,260	\$265	\$2,188,900	\$0	\$0	Medium	OVRT replaces
					Spine	16,262		\$3,856,670		\$1,358,702		
				Secondary	19,484		\$3,362,164		\$1,173,264			
Total for Mississippi Mills						35,746		\$7,218,834		\$2,531,966		
Urban Spine Network (Painted & signed Road, MUP or Widened Roadway)	Spine	Almonte St./Main St./	Martin St.	Paterson St.		700	\$11	\$7,700	\$0	\$0	High	Completed
	Spine	Ottawa St.	Paterson St.	Industrial Dr.		220	\$260	\$57,200	\$260	\$57,200	High	Design currently with Planning
	Spine	Ottawa St.	453 Ottawa St.	Appleton Side Rd.	S.S. Pathway	235	\$130	\$30,550	\$130	\$30,550	High	Design currently with Planning
	Total for Mississippi Mills						Spine 1,155		\$95,450		\$87,750	
Urban Secondary Cycling Routes	Secondary	Malcolm St.	Strathburn St.	Almonte St.		625	\$7	\$4,375	\$7	\$4,375	Medium	
	Secondary	Strathburn St.	Christian St.	Malcolm St.		479	\$7	\$3,353	\$7	\$3,353	Medium	
	Total for Mississippi Mills						1,104		\$7,728		\$7,728	
Urban Primary Routes Cycle Route	Primary	Almonte St./Main St.	Christian St.	Martin St.		1,410	\$11	\$15,510	\$11	\$15,510	High	
	Primary	Country St.	Bridge St.	Smart St.		1,780	\$11	\$19,580	\$11	\$19,580	High	
	Primary	Paterson St.	Ottawa St.	Johanna St.		1,110	\$11	\$12,210	\$0	\$0	High	road to narrow to accommodate
	Total for Mississippi Mills						Primary 4,300		\$47,300		\$35,090	

THE CORPORATION OF THE MUNICIPALITY OF MISSISSIPPI MILLS

COMMITTEE OF THE WHOLE

DATE: May 1, 2018
TO: Committee of the Whole
FROM: Abby Armstrong, B.A. (Env.)
Environmental Compliance Coordinator
SUBJECT: Mississippi Mills Drinking Water System

RECOMMENDATIONS:

THAT Council receive the 2017 Annual Summary Report for the Mississippi Mills Drinking Water System pursuant to the requirements of Ontario Regulation 170/03 (Safe Drinking Water Act – 2002);

AND THAT Council receive the Ministry of the Environment and Climate Change (MOECC) - Inspection Rating Record and Inspection Rating Record Methodology for the Reporting Year - 2017-2018 for the Mississippi Mills Drinking Water System as information;

AND THAT Council receive the Municipal Drinking Water License Issue #3 and Drinking Water Works Permit Issue #4 as information.

BACKGROUND:

The Ontario Drinking Water System Regulation (O. Reg. 170/03) requires all Municipal Drinking Water System Operating Authorities to submit a copy of the Annual Summary Report to the System Owner (Council) for information purposes. The 2017 Summary Report prepared by the Ontario Clean Water Agency (OCWA) details the compliance status of the Drinking Water System (DWS) and outlines any events during the reporting period that may have caused the DWS to be out of compliance. The report also summarizes the annual quantities and flows from the Municipality's five (5) supply wells, and provides an overview of DWS capability and deficiencies.

The MOECC recently submitted their findings for the 2017-2018 Inspection Report for the Mississippi Mills Drinking Water System. The inspection is completed to ensure that the Municipality is adhering to all regulations as set by the Province. The 2017-2018 Rating Records prepared by the MOECC details the compliance status of the operations and maintenance of the DWS.

Under O. Reg. 170/03, the Municipal Drinking Water License (MDWL) and Drinking Water Works Permit (DWWP) are issued to municipalities to operate their DWS in

conformance to the Provincial Regulations imposed. The Municipality is required to operate and maintain its system through its MDWL and DWWP issued by the MOECC. Expiration dates are set to ensure continuous improvement within Municipal Systems through the renewal process.

DISCUSSION:

2017 Annual Summary Report - Mississippi Mills Drinking Water System

For ease of review, the below table outlines the annual compliance status of the Mississippi Mills Drinking Water System performed during the reporting cycle for the calendar year January 1, 2017 to December 31, 2017. The report in its entirety may be found appended to this report, as well as on the Municipality’s website.

Compliance Event	# of Events	Details
Ministry of Environment and Climate Change Inspections	1	One (1) MOECC Inspection Report received during this reporting period. Report received on April 7, 2017 for Inspection on January 31, February 2, and February 3, 2017. Final Inspection Rating 98.71%.
Ministry of Labour Inspections	0	
QEMS External Audit(Treatment)	1	One (1) External On-Site Audit No Non-Conformance
QEMS External Audit(Distribution)	1	One (1) External On-Site Audit No Non-Conformance
AWQI's	1	One (1) Total Coliform in the Distribution System
Non-Compliance	0	
Community Complaints	27	Frozen – 2 Odour – 2 Leak/Pressure – 23
Spills	0	

2017-2018 MOECC Inspection Report - Mississippi Mills Drinking Water System

The MOECC completed their 2017-2018 Mississippi Mills Drinking Water Inspection on February 14, 2018 and February 16, 2018. In order to measure individual inspection results, the Ministry continues to adhere to an inspection compliance risk framework based on the principles of the Inspection, Investigation & Enforcement (II&E) Secretariat

and advice of internal/external risk experts. The Inspection Rating Record (IRR) and the IRR methodology document, both appended to this report, provides the Ministry, the System Owner, and the local Public Health Unit with a summarized quantitative measure of the DWS Annual Inspection and regulated water quality testing performance, as well as how the risk model reflects any health related and administrative non-compliance issues that may be cited in the MOECC Inspection Reports.

The MOECC provided the Municipality with their Final 2017-2018 Mississippi Mills Drinking Water Inspection Report on April 17, 2018 with a Final Inspection Grade of 100%. The Ministry Inspector noted in the report that *‘both the OCWA operators and the Municipality’s operators are doing a good job in recording the operations and maintenance activities for the DWS.’*

Municipal Drinking Water License Issue #3 and Drinking Water Works Permit Issue #4

The MOECC issued the Municipality’s most recent MDWL Issue #3 and DWWP Issue #4 on February 22, 2018 to regulate compliance within our drinking water system. The MDWL Issue #3 expires on July 19, 2021, while the DWWP Issue #4 expires on August 31, 2027. The Municipality is required to operate and maintain its system through its MDWL and DWWP issued by the MOECC, as outlined in the documents appended to this report.

FINANCIAL IMPLICATIONS:

There are no financial implications.

SUMMARY:

O. Reg. 170/03 requires all Municipal Drinking Water System Operating Authorities to submit an Annual Summary Report to the System Owner (Council) for information purposes. The attached report prepared by Municipal staff and OCWA satisfies all legislated obligations pursuant to this regulation.

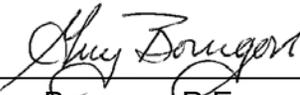
The issuance of the MOECC 2017-2018 Final Inspection Report grade of 100% and the Municipality’s most recent MDWL Issue #3 and DWWP Issue #4 demonstrates that the Municipality’s DWS continues to operate with the highest degree of environmental compliance.

The Municipality and OCWA’s ongoing commitment to invest in system management, operational improvements and efficiencies, capital investments, and training continues to reflect in system performance.

Respectfully submitted,

Abby Armstrong
Environmental Compliance Coordinator

Reviewed by,



Guy Bourgon, P.Eng
Director of Roads & Public Works

Approved by,



Shawna Stone
Acting Chief Administrative Officer

ATTACHMENTS:

1. Annual Water Report
2. Inspection Report
3. MDWL
4. DWWP

Mississippi Mills Drinking Water System

2017 Annual Water Report

Reporting period of January 1, 2017 – December 31, 2017

Prepared For:

The Municipality of Mississippi Mills

Prepared By:



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

This report has been prepared to satisfy the annual reporting requirements of the
Provincial Regulations and Guidelines

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Report Availability

This system does not serve more than 10,000 residence and the annual reports will be available to users at the Municipality of Mississippi Mills Office. Notification will be at the Municipal Office and copies provided free of charge if requested. The Municipality of Mississippi Mills is located at:

3131 Old Perth Rd.
 Almonte, Ontario.
 KOA 1A0
www.mississippimills.ca

There are no additional drinking water systems that receive drinking water from this system.

Compliance Report Card

Drinking Water System Number:	220001290
System Owner:	Municipality of Mississippi Mills
Operating Authority:	Ontario Clean Water Agency
Drinking Water System Category:	Large Municipal Residential
Reporting Period:	January 1, 2017 – December 31, 2017

Compliance Event	# of Events	Details
Ministry of Environment Inspections	1	There was one (1) inspection report received during this reporting period. <ul style="list-style-type: none"> Report received on April 7, 2017 for Inspection on January 31, February 2nd and 3rd, 2017. Inspection Rating 98.71%
Ministry of Labour Inspections	0	
QEMS External Audit (Treatment)	1	One (1) External On-Site Audit <ul style="list-style-type: none"> No Non-Conformance
QEMS External Audit (Distribution)	1	One (1) External On-Site Audit <ul style="list-style-type: none"> No Non-Conformance
AWQI's	1	One Total Coliform in the Distribution System
Non-Compliance	0	
Community Complaints	0	Community Complaints are responded to by the system owner.
Spills	0	

Quality Control Measures

The Municipality of Mississippi Mills Well System is part of OCWA's operational Eastern Regional Hub. The facilities are supported by cluster, regional and corporate resources. Operational Services are delivered by OCWA staff that live and work in the community.

OCWA operates facilities in compliance with applicable regulations. The facility has comprehensive manuals detailing operations, maintenance, instrumentation, and emergency procedures. All procedures are treated as active documents, with annual reviews.

OCWA has additional "Value Added" and operational support services that the Municipality of Mississippi Mills benefits from including:

- Access to a network of operational compliance and support experts at the regional and corporate level, as well as affiliated programs that include the following:
 - Quality & Environmental Management System, Occupational Health & Safety System and an internal compliance audit system.
 - Process Data Collection (PDC) facility operating information repository, which consolidates field data, online instrumentation, and electronic receipt of lab test results for reporting, tracking and analysis.
 - Work Management System (WMS) tracks and reports maintenance activities, and creates predictive and preventative reports.
 - Outpost 5 wide-area SCADA system allows for process optimization and data logging, process trending, remote alarming and optimization of staff time.
- Client reporting which includes operational data, equipment inventory, financial statements, maintenance work orders, and capital status reports
- Site-Specific Contingency Plans and Standard Operating Procedures
- Use of accredited laboratories
- Additional support in response to unusual circumstances, and extra support in an emergency.
- Use of sampling schedules for external laboratory sampling

System Process Description

The Mississippi Mills Drinking Water System consists of 5 drilled wells located throughout the Ward of Almonte. The system supplies water to the Ward of Almonte and to White Tail Ridge subdivision located in the Ward of Ramsay and is owned by the Corporation of the Municipality of Mississippi Mills. The Ontario Clean Water Agency is the Operating Authority.

Well 3 is located in the eastern portion of the Town, approximately 60 m north of Ottawa Street and Harold Street. Well 3 is contained in its own brick construction pump house and is equipped with a turbine pump. Disinfection is achieved through injection of sodium hypochlorite into the feeder main prior to the treated water being discharged into a chlorine contact tank.

Well 5 is located along Almonte Street (County Road 16) near the south west end of Town. Well 5 is contained in its own brick construction pump house and is equipped with a vertical turbine pump. Disinfection is achieved through injection of sodium hypochlorite into the feeder main prior to the treated water being discharged into a chlorine contact tank.

Well 6 is an artesian well which is located in Gemmill's Park in the south end of Town, immediately east of Highway 29. Well 6 is contained in its own brick construction pump house and is equipped with a turbine pump. Disinfection is achieved through injection of sodium hypochlorite into the feeder main prior to the treated water being discharged into a chlorine contact tank.

Wells 7 and 8 are located within a single pump house near the northeast edge of Town, along the north side of Paterson Street. Well 7 and 8 are enclosed within a single brick and aluminum clad vented watertight pump house. Each well is equipped with a vertical turbine pump. The pumps are located directly on top of the well casings. Disinfection is achieved through injection of liquid sodium hypochlorite into the feeder main of each well, prior to the treated water being discharged into a single chlorine contact chamber.

Treatment Chemicals used during the reporting year:

Chemical Name	Use	Supplier
Sodium Hypochlorite	Disinfection	Brenntag

Summary of Non-Compliance

Adverse Water Quality Incidents

AWQI #	Date	Legislation	Problem	Details	Corrective Action Taken
134275	2017-07-19	O. Reg 170/03	1 Total Coliform in Distribution System	1 Total Coliform in the Distribution system at a sampling site when completing weekly sampling	Sampled upstream and downstream of the Distribution System site

Non-Compliance

Legislation	requirement(s) system failed to meet	duration of the failure (i.e. date(s))	Corrective Action	Status
There were no non-compliances identified for the reporting period.				

Non-Compliance Identified in a Ministry Inspection:

There was one (1) inspection report received during this reporting period.

- Report received from January 31, Feb 2 and Feb 3 2017 Inspection on April 7, 2017
 - Inspection Rating 98.71%

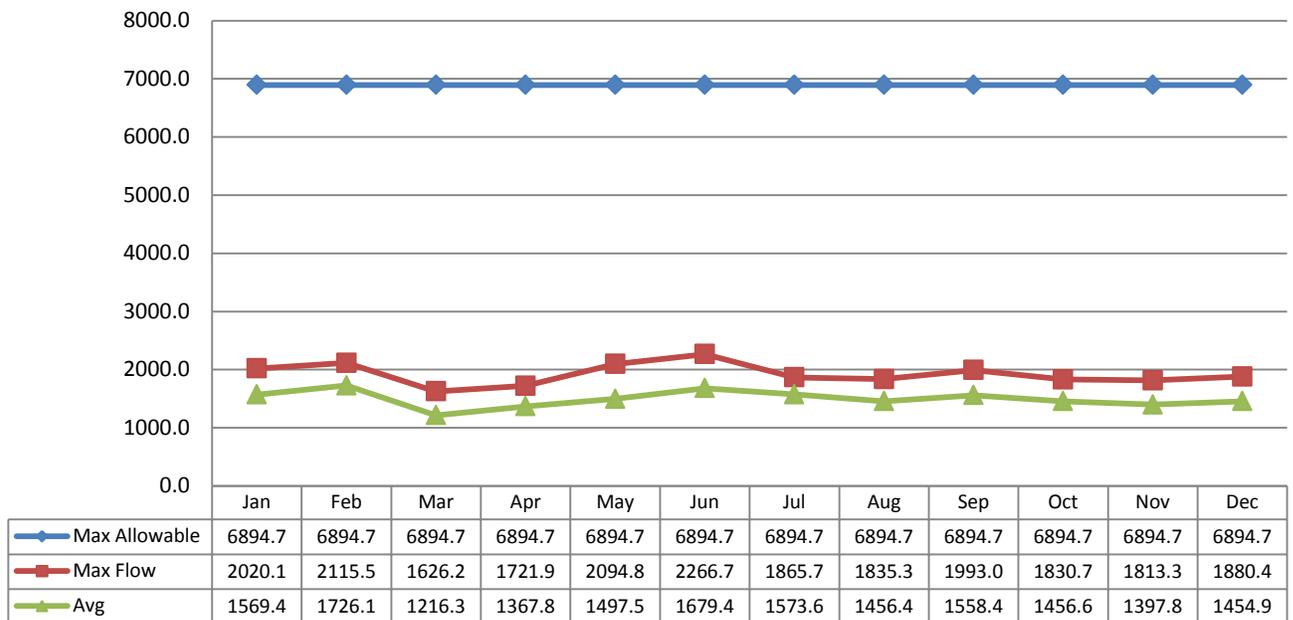
Legislation	requirement(s) system failed to meet	duration of the failure	Corrective Action	Status
Condition 2.4 of Schedule B of the Drinking Water Works Permit	The owner did not have evidence that all required Director Notifications were made during the inspection period	03-Feb-2017	The Directors notification for Well 5 was submitted April 5, 2017. As stated in the action the Directors Notification for Well 8 was submitted March 2, 2017. A review Drinking Water Works Permit requirements for completing Directors Notifications will be completed including the timelines for submission.	Complete
Municipal Drinking Water License	The owner did not have evidence that all required notifications to all legal owners associated with the Drinking Water System had been made during the inspection period.	03-Feb-2017	The MDWL and DWWP were reviewed with council on April 18, 2017 and acknowledged by a resolution which was provided to the inspector.	Complete

Legislation	requirement(s) system failed to meet	duration of the failure	Corrective Action	Status
Watermain Disinfection Procedure and O. Reg 128/04	The "Watermain Repair Form" did not contain the required information set out in Section 4 of the Ministry's Watermain Disinfection Procedure.	03-Feb-2017	The Watermain Repair Form was updated and approved for use.	Complete
Regulation 903	The Operating Authority is required to ensure that the screens for the air vents at each of the well pump houses are routinely inspected to ensure that the screens are in good condition.	03-Feb-2017	OCWA reviewed the screening of the air vents at Well 3 and Well 6. There will also be annual preventative maintenance work orders issued for an annual check of the screens at all the wells.	Complete
Inspection Protocol	Provide documentation that the approved alternate disinfection method was followed for the rehabilitation and repair work done on Well 8 (installation of the new well pump and disinfection method/actual disinfection results).	03-Feb-2017	Adequate documentation was provided to the Inspector. No further action was required.	Complete

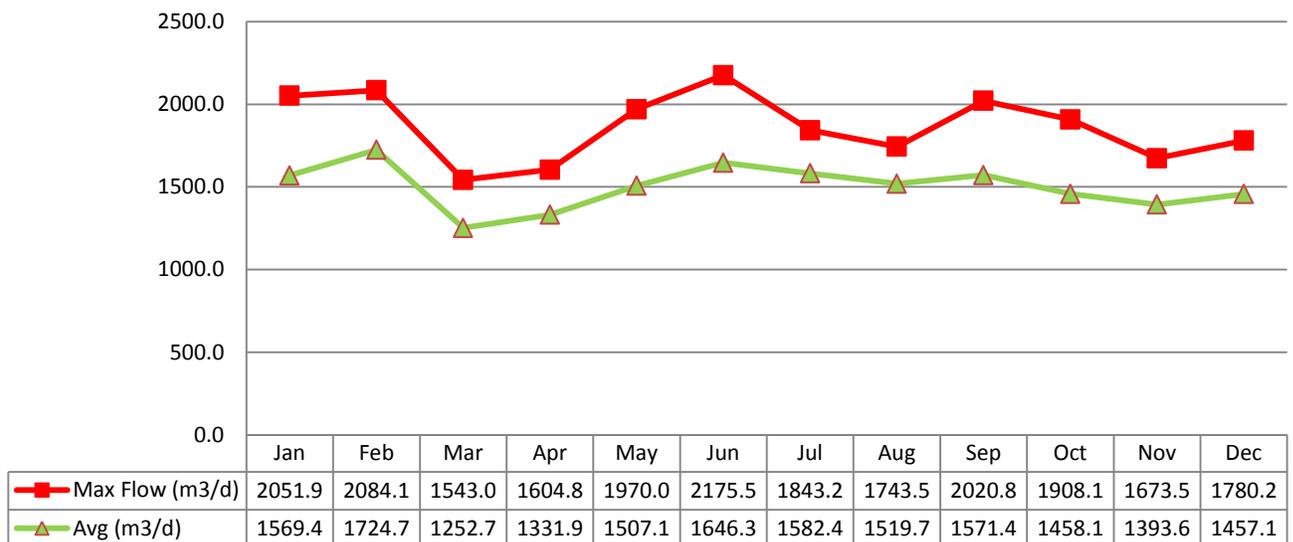
Flows

Raw flows are regulated by the Permit to Take Water and the Treated flows are regulated by the Municipal License. Both the Municipal License and the Permit to Take Water have the same capacity restrictions.

Total All Sources Total Flow Summary (m3/d)

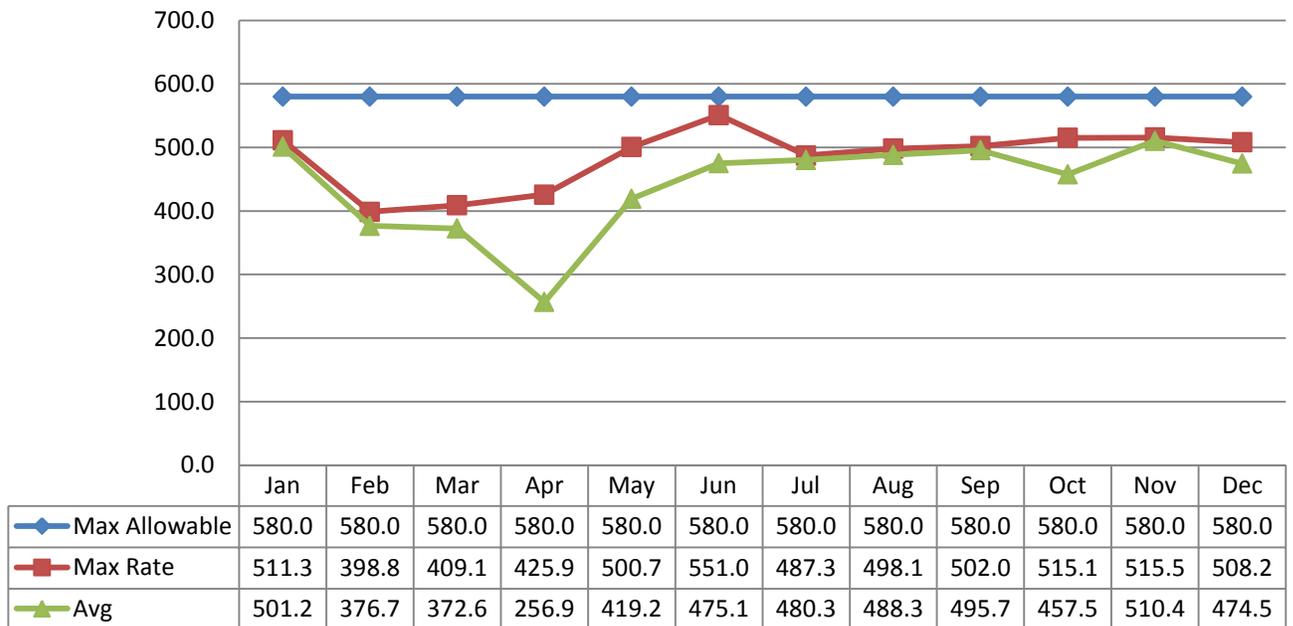


Flow Demand (m3/d)

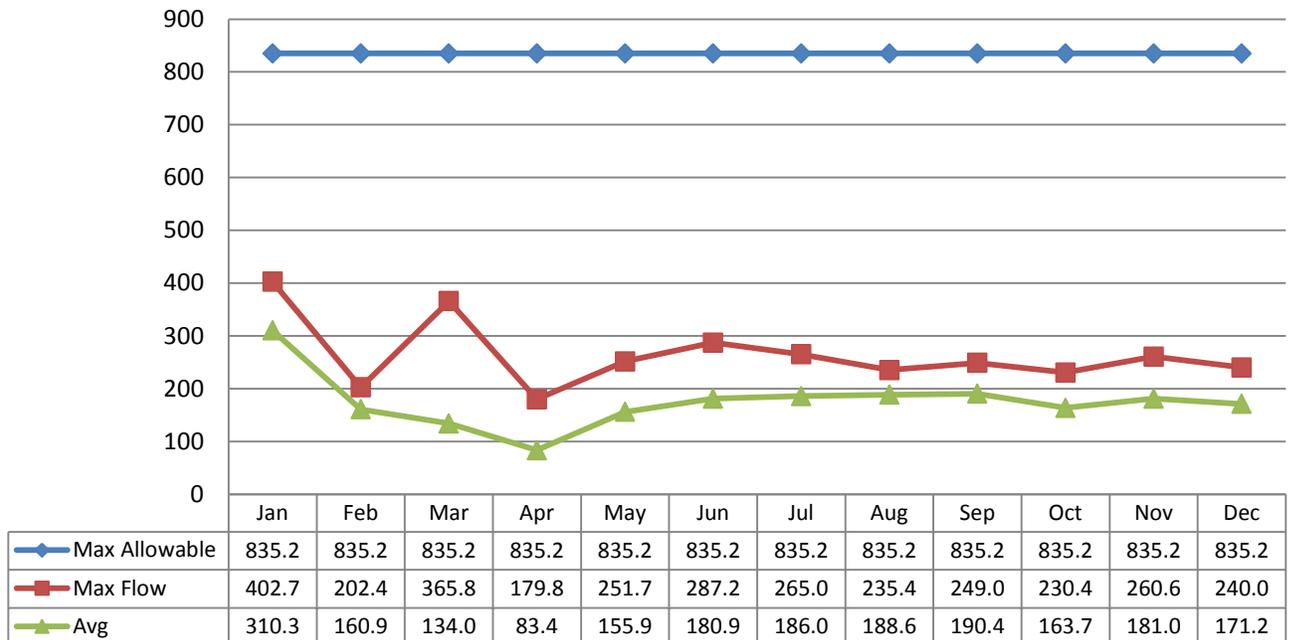


Well 3

Rate of Taking (L/min)

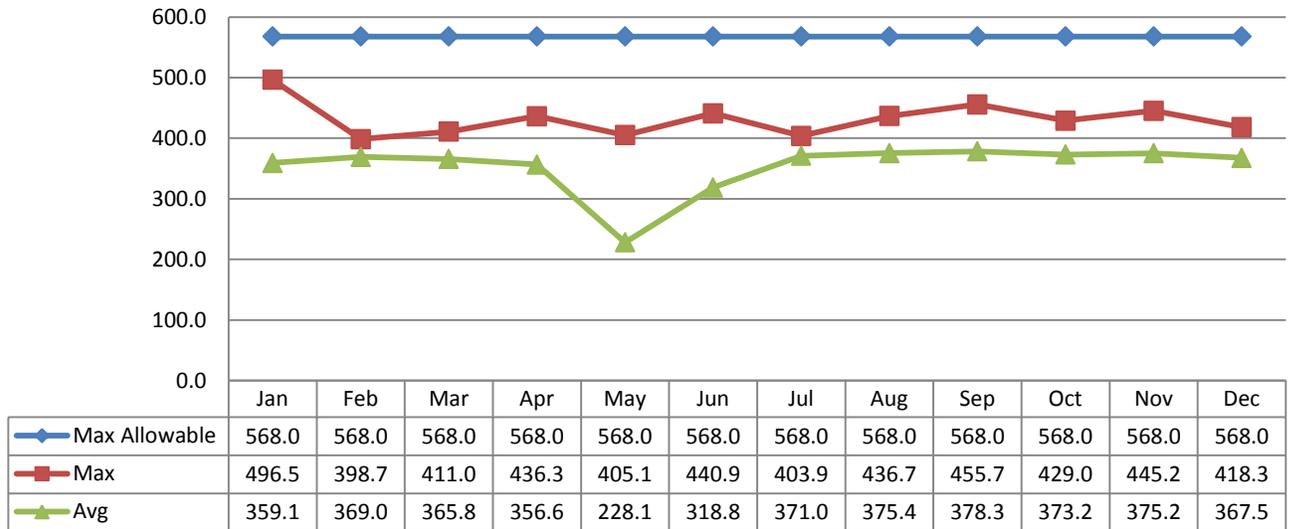


Monthly Total Flow (m3/d)

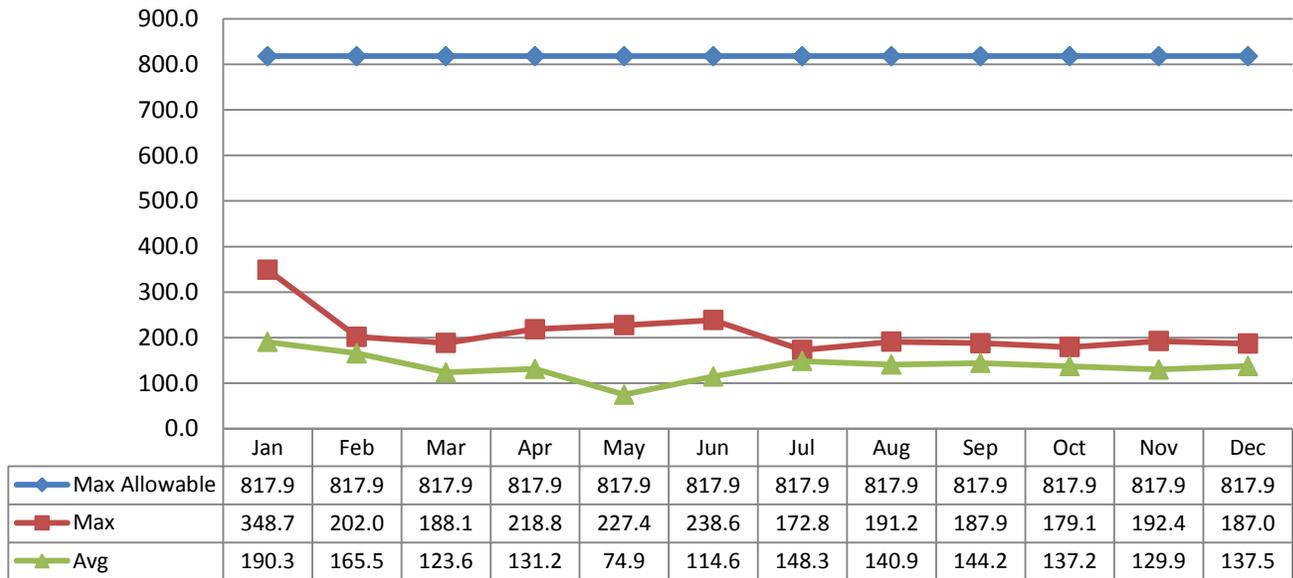


Well 5

Rate of Taking (L/min)

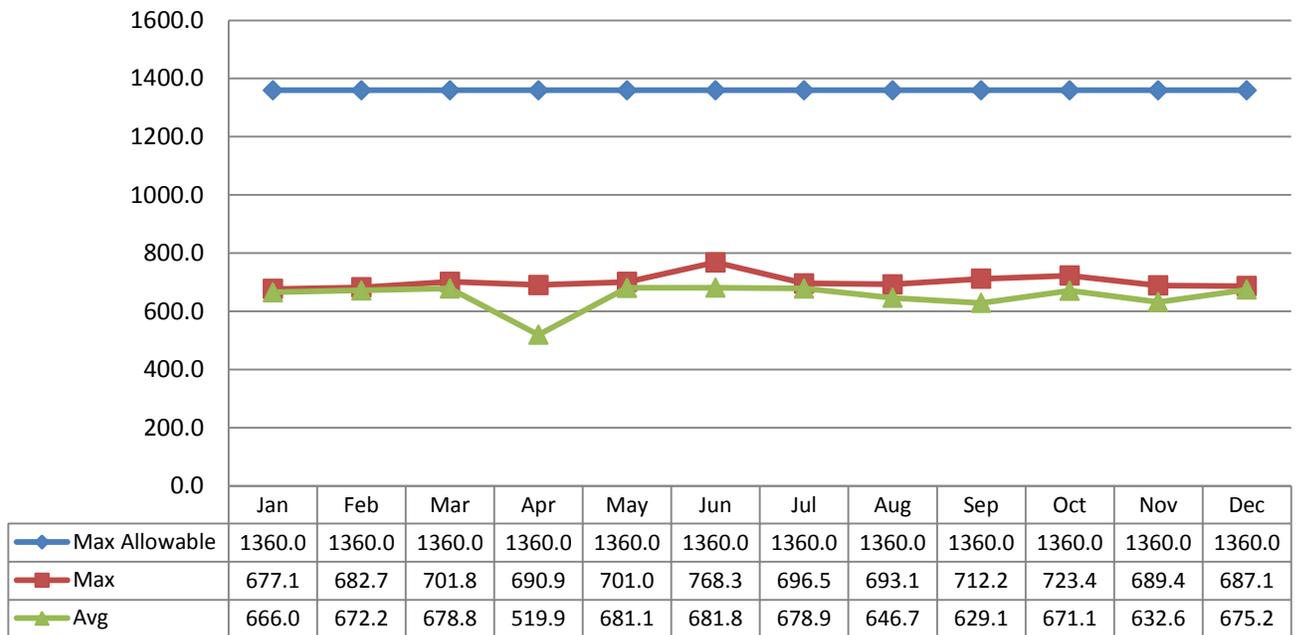


Monthly Total Flow (m3/d)

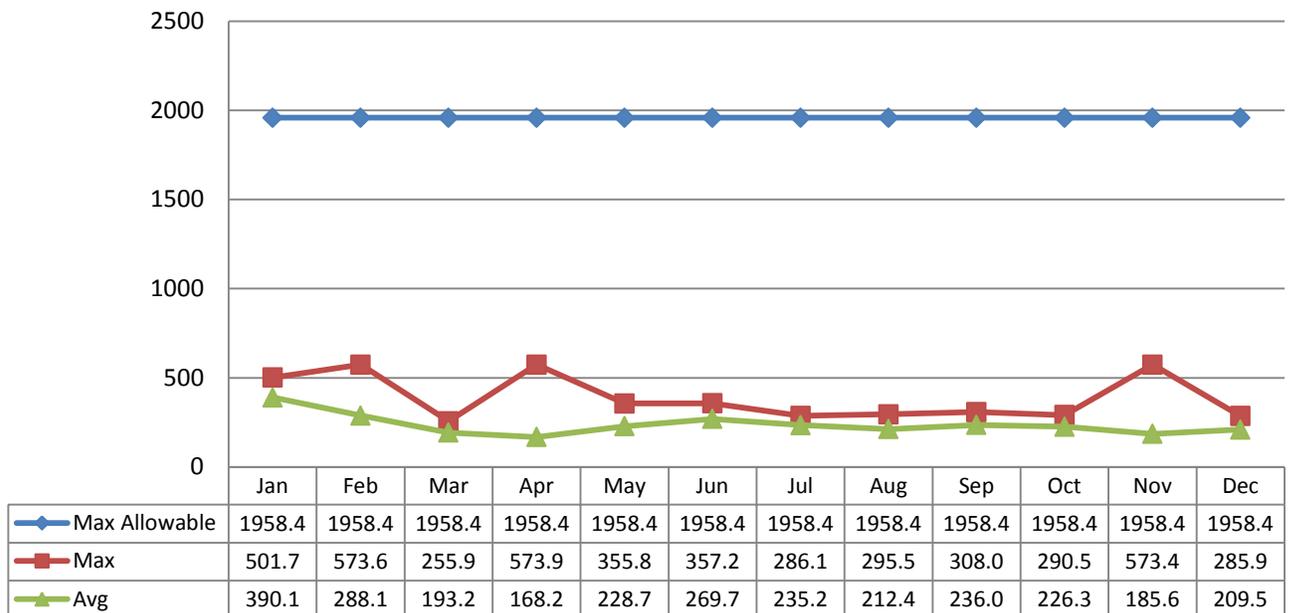


Well 6

Rate of Taking (L/min)

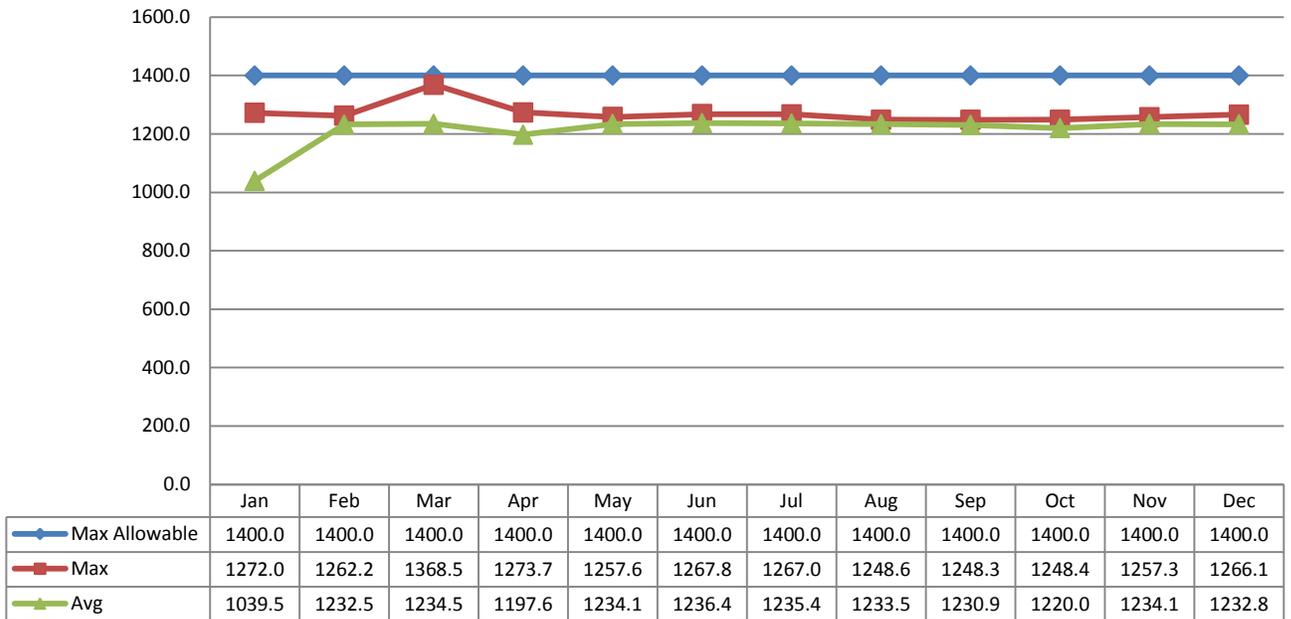


Monthly Total Flow (m3/d)

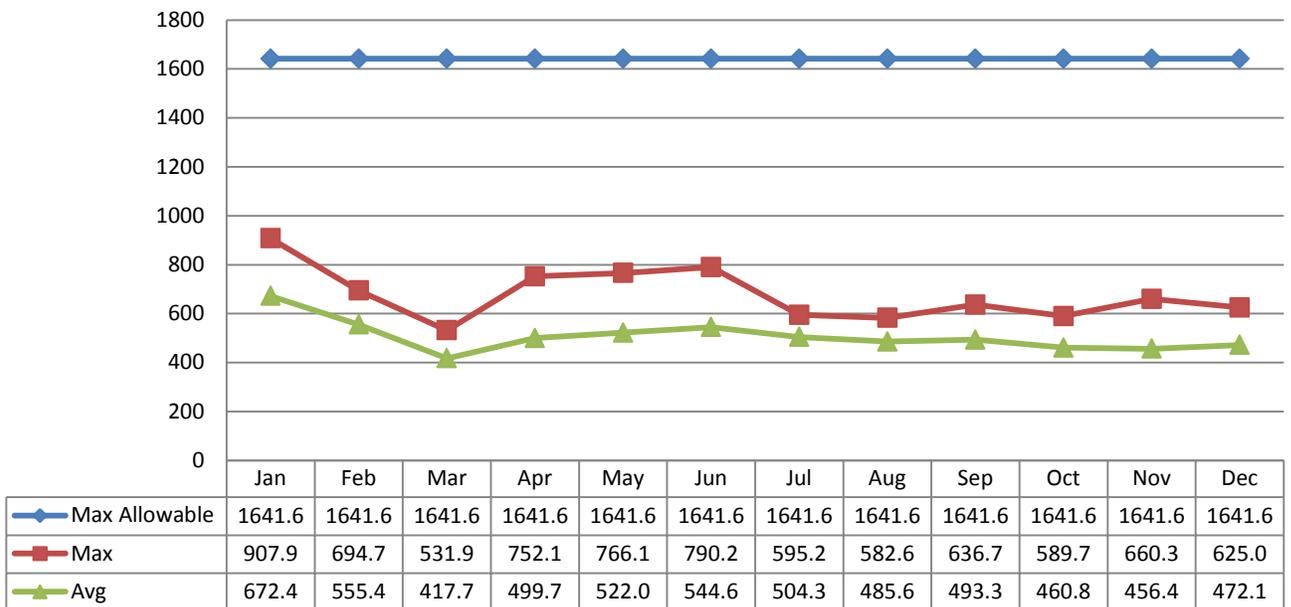


Well 7

Rate of Taking (L/min)



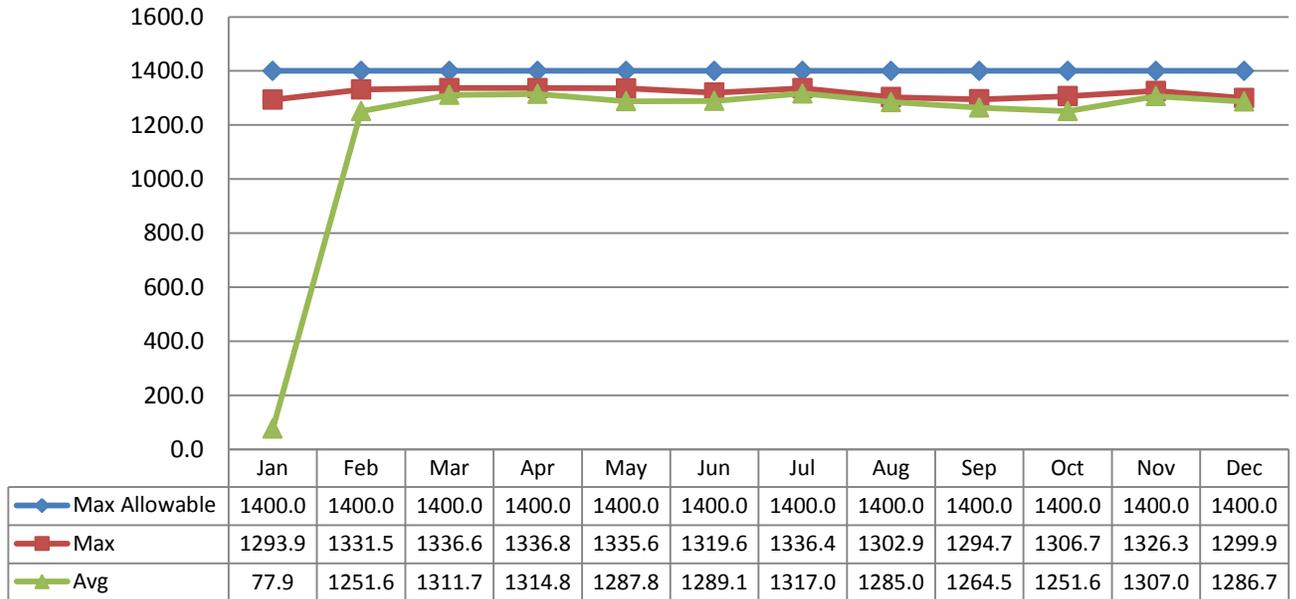
Monthly Total Flow (m3/d)



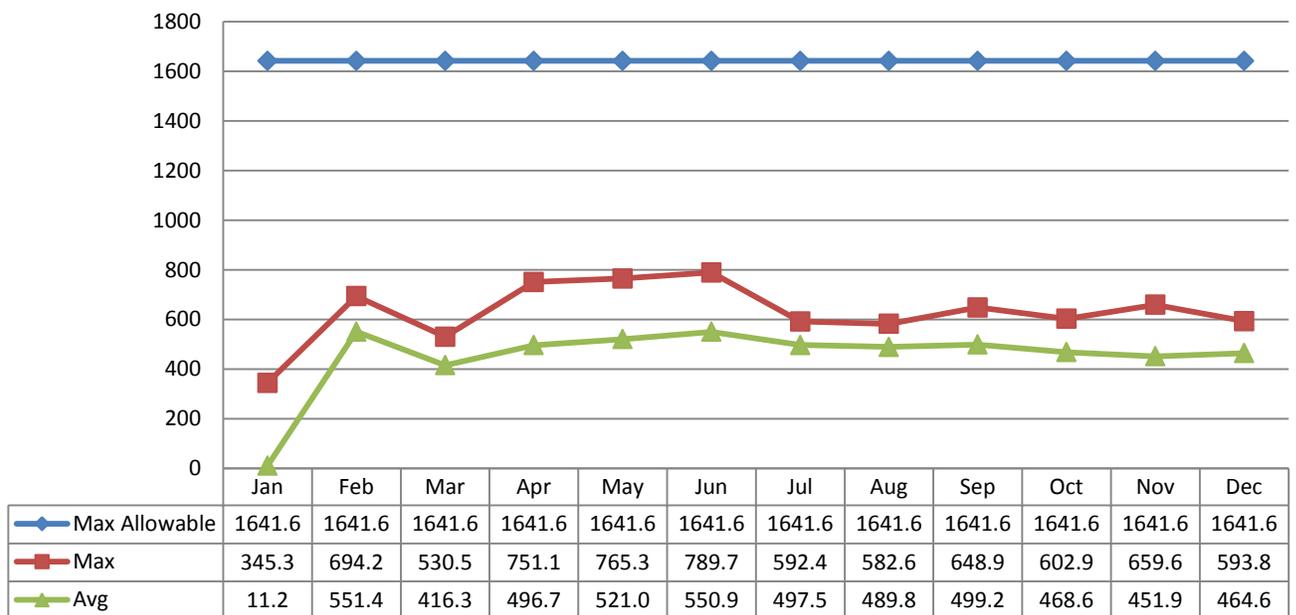
Well 8

This well was offline January 1-30, 2017.

Rate of Taking (L/min)



Monthly Total Flow (m3/d)



Regulatory Sample Results Summary

Microbiological Testing

	No. of Samples Collected	Range of E.Coli		Range of Total Coliform Results		Number of HPC Samples	Range of HPC Results	
		Min	Max	Min	Max		Min	Max
Raw Water								
Well 3	52	0	0	0	1			
Well 5	52	0	0	0	1			
Well 6	52	0	0	0	3			
Well 7	52	0	0	0	0			
Well 8	51*	0	0	0	0			
Treated Water								
Well 3	52	0	0	0	0	52	2	14
Well 5	52	0	0	0	0	52	2	16
Well 6	52	0	0	0	0	51	2	12
Wells 7&8 combined	52	0	0	0	0	52	2	4
Distribution	203	0	0	0	1	202	2	8

*Missing Well 8 sample was when well was offline

Operational Testing

Operational Testing (170/03, Sch.7, Sch.8 or Sch.9):

Parameter	Location	Number of Grab Samples	Range (min-max)
Raw Water Turbidity (NTU)	Well 3	8760	0 - 2.17
	Well 5	8760	0 - 2.17
	Well 6	8760	0 - 2.17
	Well 7	8760	0 - 2.0
	Well 8	8760	0 - 2.0
Treated Water Free Chlorine Residual (mg/L)	Well 3	8760	0 – 2.17
	Well 5	8760	0 – 2.17
	Well 6	8760	0 – 2.17
	Well 7&8 Combined	8760	0 – 2.13
Distribution Free Chlorine Residual (mg/L)	Gemmill's Bay PS	8760	0.5 – 1.59
	Various locations throughout the distribution system	203	0.4 – 1.55

NOTE: spikes recorded by on-line instrumentation were a result of air bubbles and various maintenance/calibration activities. All values are reviewed for compliance with O.Reg 170/03.

Additional Treated Water Samples

	Units	Well 3	Well 5	Well 6	Well 7&8	ODWSOG	
						AO	OG
Alkalinity	mg/L	278 - 290	290 - 306	268 - 281	277 - 300		30 - 300
Colour	TCU	2 - 7	2 - 7	2 - 7	2 - 3	5	
Total Hardness	mg/L	366 - 413	388 - 443	418 - 433	360 - 416		80 - 100
pH	N/A	7.91– 7.99	7.98 – 8.06	7.93 – 8.03	7.9 – 8.02		6.5 – 8.5
TDS	mg/L	435 - 645	532 - 800	473 - 694	449 - 640	500	
Chloride	mg/L	49.1 – 76.6	109 - 163	54.6 - 81.6	55.0 – 72.3	250	
Conductivity	uS/cm	826 - 968	998 - 1130	893 - 980	850 - 905	Measured during TDS testing.	

ODWQS – Ontario Drinking Water Standards, Objectives and Guidelines

AO – Aesthetic Objective

OG – Operational Guideline

Summary of additional samples Well 5:

The two following tables are the sample results from additional sample collected at Well 5:
The first table contains the results of sample collected because the area had once housed transformers. Please note the samples are collected on raw water. There is no MAC / IMAC (Maximum Acceptable Concentration / Interim Maximum Acceptable Concentration) for raw water but the treated water MAC /IMAC have been provided for reference.

The second table contains the results of sample collected because of the wells' proximity to the wastewater treatment lagoons. These results help to assess the integrity of the lagoon cells.

Raw Water: Well 5 Parameter	Unit of Measure	Sample Date	Result Value	ODWS	
				MAC	IMAC
Arsenic	ug/L	July 2017	0.4		25.0
Chromium	ug/L	July 2017	2.0	50	
PCBs (Polychlorinated Biphenyls)	ug/L	July 2017	0.05		3.0

Treated Water Parameter	Unit of Measure	Treated Water: Well 5 Annual Average
TKN (Total Kjeldahl Nitrogen)	mg/L	0.077
Total Phosphorus	mg/L	<0.01
Phosphate (O-PO4)	mg/L	<0.01
Dissolved Reactive Phosphorus	mg/L	<0.01
NH3 + NH4 as N	mg/L	<0.01

Inorganic Parameters

These parameters are tested annually as a requirement under 170/03. Sodium and Fluoride are required to be tested every 5 years. Nitrates are tested quarterly as required under 170/03. In the event any of the parameters exceed half of the maximum allowable concentration the parameter is required to be sampled quarterly.

- MAC = Maximum Allowable Concentration as per O.Reg 169/03
- MDL = Minimum Detection Limit the laboratory can test.

Parameter	Sample Date	Sample Result	Exceedance
Antimony: Sb (ug/L) - TW3	09/09/2015	<MDL 0.1	No
Antimony: Sb (ug/L) - TW5	09/09/2015	<MDL 0.1	No
Antimony: Sb (ug/L) - TW6	09/09/2015	<MDL 0.1	No
Antimony: Sb (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
Arsenic: As (ug/L) - TW3	09/09/2015	0.7	No
Arsenic: As (ug/L) - TW5	09/09/2015	0.9	No
Arsenic: As (ug/L) - TW6	09/09/2015	1.0	No
Arsenic: As (ug/L) - TW7&8	09/09/2015	1.8	No
Barium: Ba (ug/L) - TW3	09/09/2015	130	No
Barium: Ba (ug/L) - TW5	09/09/2015	172	No
Barium: Ba (ug/L) - TW6	09/09/2015	95	No
Barium: Ba (ug/L) - TW7&8	09/09/2015	156	No
Boron: B (ug/L) - TW3	09/09/2015	234	No
Boron: B (ug/L) - TW5	09/09/2015	49	No
Boron: B (ug/L) - TW6	09/09/2015	274	No
Boron: B (ug/L) - TW7&8	09/09/2015	177	No
Cadmium: Cd (ug/L) - TW3	09/09/2015	<MDL 0.02	No
Cadmium: Cd (ug/L) - TW5	09/09/2015	<MDL 0.02	No
Cadmium: Cd (ug/L) - TW6	09/09/2015	<MDL 0.02	No
Cadmium: Cd (ug/L) - TW7&8	09/09/2015	<MDL 0.02	No
Chromium: Cr (ug/L) - TW3	09/09/2015	<MDL 2.0	No
Chromium: Cr (ug/L) - TW5	09/09/2015	<MDL 2.0	No
Chromium: Cr (ug/L) - TW6	09/09/2015	<MDL 2.0	No
Chromium: Cr (ug/L) - TW7&8	09/09/2015	<MDL 2.0	No
Mercury: Hg (ug/L) - TW3	09/09/2015	<MDL 0.02	No
Mercury: Hg (ug/L) - TW5	09/09/2015	<MDL 0.02	No
Mercury: Hg (ug/L) - TW6	09/09/2015	<MDL 0.02	No
Mercury: Hg (ug/L) - TW7&8	09/09/2015	<MDL 0.02	No
Selenium: Se (ug/L) - TW3	09/09/2015	2	No
Selenium: Se (ug/L) - TW5	09/09/2015	2	No
Selenium: Se (ug/L) - TW6	09/09/2015	2	No
Selenium: Se (ug/L) - TW7&8	09/09/2015	4	No
Sodium: Na (mg/L) - TW3	15/07/2013	44.00	Yes*
Sodium: Na (mg/L) - TW3 - resample	22/07/2013	41.00	Yes*
Sodium: Na (mg/L) - TW5	15/07/2013	57.00	Yes*
Sodium: Na (mg/L) - TW5 - resample	22/07/2013	55.00	Yes*
Sodium: Na (mg/L) - TW7&8	15/07/2013	40.00	Yes*

Parameter	Sample Date	Sample Result	Exceedance
Sodium: Na (mg/L) - TW7&8 - resample	22/07/2013	39.00	Yes*
Sodium: Na (mg/L) - TW6	03/02/2015	42.00	Yes*
Sodium: Na (mg/L) - TW6 - resample	05/02/2015	40.00	Yes*
Uranium: U (ug/L) - TW3	09/09/2015	0.78	No
Uranium: U (ug/L) - TW5	09/09/2015	0.85	No
Uranium: U (ug/L) - TW6	09/09/2015	0.95	No
Uranium: U (ug/L) - TW7&8	09/09/2015	1.14	No
Fluoride: F (mg/L) - TW3	20/10/2015	0.3	No
Fluoride: F (mg/L) - TW5	20/10/2015	0.3	No
Fluoride: F (mg/L) - TW6	20/10/2015	0.4	No
Fluoride: F (mg/L) - TW7&8	20/10/2015	0.4	No
Nitrite (mg/L) - TW3	2017/01/10	<MDL 0.1	No
Nitrite (mg/L) - TW3	2017/04/04	<MDL 0.1	No
Nitrite (mg/L) - TW3	2017/08/08	<MDL 0.1	No
Nitrite (mg/L) - TW3	2017/10/03	<MDL 0.1	No
Nitrite (mg/L) - TW5	2017/01/10	<MDL 0.1	No
Nitrite (mg/L) - TW5	2017/04/04	0.2	No
Nitrite (mg/L) - TW5	2017/08/08	<MDL 0.1	No
Nitrite (mg/L) - TW5	2017/10/03	<MDL 0.1	No
Nitrite (mg/L) - TW78	2017/01/10	<MDL 0.1	No
Nitrite (mg/L) - TW78	2017/04/04	<MDL 0.1	No
Nitrite (mg/L) - TW78	2017/08/08	<MDL 0.1	No
Nitrite (mg/L) - TW78	2017/10/03	<MDL 0.1	No
Nitrite (mg/L) - TW6	2017/01/10	<MDL 0.1	No
Nitrite (mg/L) - TW6	2017/04/04	<MDL 0.1	No
Nitrite (mg/L) - TW6	2017/08/08	<MDL 0.1	No
Nitrite (mg/L) - TW6	2017/10/03	<MDL 0.1	No
Nitrate (mg/L) - TW3	2017/01/10	0.3	No
Nitrate (mg/L) - TW3	2017/04/04	0.2	No
Nitrate (mg/L) - TW3	2017/08/08	0.2	No
Nitrate (mg/L) - TW3	2017/10/03	0.4	No
Nitrate (mg/L) - TW5	2017/01/10	0.7	No
Nitrate (mg/L) - TW5	2017/04/04	0.5	No
Nitrate (mg/L) - TW5	2017/08/08	0.3	No
Nitrate (mg/L) - TW5	2017/10/03	0.2	No
Nitrate (mg/L) - TW78	2017/01/10	1.5	No
Nitrate (mg/L) - TW78	2017/04/04	2.6	No
Nitrate (mg/L) - TW78	2017/08/08	2.1	No
Nitrate (mg/L) - TW78	2017/10/03	0.9	No
Nitrate (mg/L) - TW6	2017/01/10	1.5	No
Nitrate (mg/L) - TW6	2017/04/04	0.5	No
Nitrate (mg/L) - TW6	2017/08/08	0.4	No

Parameter	Sample Date	Sample Result	Exceedance
Nitrate (mg/L) - TW6	2017/10/03	0.5	No

*There is no "MAC" for Sodium. The aesthetic objective for sodium in drinking water is 200 mg/L. The local Medical Officer of Health should be notified mg/L when the sodium concentration exceeds 20 mg/L so that this information may be communicated to local physicians for their use with patients on sodium restricted diets.

Schedule 15 Sampling

This facility is sampling under the exemption requirements of O.Reg 170/03 sampling program.

Location Type	Number of Samples	Range of Results		MAC (ug/L)	Number of Exceedances
		MIN	MAX		
Distribution System - Lead Results (ug/L)	2	0.28	1.15	10	0
Distribution System - Alkalinity (mg/L)	7	279	313		
Distribution System - pH Lab	5	7.96	8.03		

Organic Parameters

These parameters are tested annually as a requirement under 170/03. In the event any of the parameters exceed half of the maximum allowable concentration the parameter is required to be sampled quarterly.

MDL – Minimum Detection Limit

Parameter	Sample Date	Result Value	Exceedance
Alachlor (ug/L) - TW3	09/09/2015	<MDL 0.3	No
Alachlor (ug/L) - TW5	09/09/2015	<MDL 0.3	No
Alachlor (ug/L) - TW6	09/09/2015	<MDL 0.3	No
Alachlor (ug/L) - TW7&8	09/09/2015	<MDL 0.3	No
Aldicarb (ug/L) - TW3	09/09/2015	<MDL 3.0	No
Aldicarb (ug/L) - TW5	09/09/2015	<MDL 3.0	No
Aldicarb (ug/L) - TW6	09/09/2015	<MDL 3.0	No
Aldicarb (ug/L) - TW7&8	09/09/2015	<MDL 3.0	No
Aldrin + Dieldrin (ug/L) - TW3	09/09/2015	<MDL 0.02	No
Aldrin + Dieldrin (ug/L) - TW5	09/09/2015	<MDL 0.02	No
Aldrin + Dieldrin (ug/L) - TW6	09/09/2015	<MDL 0.02	No
Aldrin + Dieldrin (ug/L) - TW7&8	09/09/2015	<MDL 0.02	No
Atrazine + N-dealkylated metabolites (ug/L) - TW3	09/09/2015	< 0.5	No
Atrazine + N-dealkylated metabolites (ug/L) - TW5	09/09/2015	< 0.5	No
Atrazine + N-dealkylated metabolites (ug/L) - TW6	09/09/2015	< 0.5	No
Atrazine + N-dealkylated metabolites (ug/L) - TW7&8	09/09/2015	< 0.5	No
Azinphos-methyl (ug/L) - TW3	09/09/2015	<MDL 1.0	No
Azinphos-methyl (ug/L) - TW5	09/09/2015	<MDL 1.0	No
Azinphos-methyl (ug/L) - TW6	09/09/2015	<MDL 1.0	No
Azinphos-methyl (ug/L) - TW7&8	09/09/2015	<MDL 1.0	No
Bendiocarb (ug/L) - TW3	09/09/2015	<MDL 3.0	No
Bendiocarb (ug/L) - TW5	09/09/2015	<MDL 3.0	No
Bendiocarb (ug/L) - TW6	09/09/2015	<MDL 3.0	No
Bendiocarb (ug/L) - TW7&8	09/09/2015	<MDL 3.0	No

Parameter	Sample Date	Result Value	Exceedance
Benzene (ug/L) - TW3	09/09/2015	<MDL 0.5	No
Benzene (ug/L) - TW5	09/09/2015	<MDL 0.5	No
Benzene (ug/L) - TW6	09/09/2015	<MDL 0.5	No
Benzene (ug/L) - TW7&8	09/09/2015	<MDL 0.5	No
Benzo(a)pyrene (ug/L) - TW3	09/09/2015	<MDL 0.005	No
Benzo(a)pyrene (ug/L) - TW5	09/09/2015	<MDL 0.005	No
Benzo(a)pyrene (ug/L) - TW6	09/09/2015	<MDL 0.005	No
Benzo(a)pyrene (ug/L) - TW7&8	09/09/2015	<MDL 0.005	No
Bromoxynil (ug/L) - TW3	09/09/2015	<MDL 0.3	No
Bromoxynil (ug/L) - TW5	09/09/2015	<MDL 0.3	No
Bromoxynil (ug/L) - TW6	09/09/2015	<MDL 0.3	No
Bromoxynil (ug/L) - TW7&8	09/09/2015	<MDL 0.3	No
Carbaryl (ug/L) - TW3	09/09/2015	<MDL 3.0	No
Carbaryl (ug/L) - TW5	09/09/2015	<MDL 3.0	No
Carbaryl (ug/L) - TW6	09/09/2015	<MDL 3.0	No
Carbaryl (ug/L) - TW7&8	09/09/2015	<MDL 3.0	No
Carbofuran (ug/L) - TW3	09/09/2015	<MDL 1.0	No
Carbofuran (ug/L) - TW5	09/09/2015	<MDL 1.0	No
Carbofuran (ug/L) - TW6	09/09/2015	<MDL 1.0	No
Carbofuran (ug/L) - TW7&8	09/09/2015	<MDL 1.0	No
Carbon Tetrachloride (ug/L) - TW3	09/09/2015	<MDL 0.2	No
Carbon Tetrachloride (ug/L) - TW5	09/09/2015	<MDL 0.2	No
Carbon Tetrachloride (ug/L) - TW6	09/09/2015	<MDL 0.2	No
Carbon Tetrachloride (ug/L) - TW7&8	09/09/2015	<MDL 0.2	No
Chlordane:Total (ug/L) - TW3	09/09/2015	<MDL 0.04	No
Chlordane:Total (ug/L) - TW5	09/09/2015	<MDL 0.04	No
Chlordane:Total (ug/L) - TW6	09/09/2015	<MDL 0.04	No
Chlordane:Total (ug/L) - TW7&8	09/09/2015	<MDL 0.04	No
Chlorpyrifos (ug/L) - TW3	09/09/2015	<MDL 0.5	No
Chlorpyrifos (ug/L) - TW5	09/09/2015	<MDL 0.5	No
Chlorpyrifos (ug/L) - TW6	09/09/2015	<MDL 0.5	No
Chlorpyrifos (ug/L) - TW7&8	09/09/2015	<MDL 0.5	No
Cyanazine (ug/L) - TW3	09/09/2015	<MDL 0.5	No
Cyanazine (ug/L) - TW5	09/09/2015	<MDL 0.5	No
Cyanazine (ug/L) - TW6	09/09/2015	<MDL 0.5	No
Cyanazine (ug/L) - TW7&8	09/09/2015	<MDL 0.5	No
Diazinon (ug/L) - TW3	09/09/2015	<MDL 1.0	No
Diazinon (ug/L) - TW5	09/09/2015	<MDL 1.0	No
Diazinon (ug/L) - TW6	09/09/2015	<MDL 1.0	No
Diazinon (ug/L) - TW7&8	09/09/2015	<MDL 1.0	No
Dicamba (ug/L) - TW3	09/09/2015	<MDL 5.0	No
Dicamba (ug/L) - TW5	09/09/2015	<MDL 5.0	No
Dicamba (ug/L) - TW6	09/09/2015	<MDL 5.0	No
Dicamba (ug/L) - TW7&8	09/09/2015	<MDL 5.0	No
1,2-Dichlorobenzene (ug/L) - TW3	09/09/2015	<MDL 0.1	No

Parameter	Sample Date	Result Value	Exceedance
1,2-Dichlorobenzene (ug/L) - TW5	09/09/2015	<MDL 0.1	No
1,2-Dichlorobenzene (ug/L) - TW6	09/09/2015	<MDL 0.1	No
1,2-Dichlorobenzene (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
1,4-Dichlorobenzene (ug/L) - TW3	09/09/2015	<MDL 0.2	No
1,4-Dichlorobenzene (ug/L) - TW5	09/09/2015	<MDL 0.2	No
1,4-Dichlorobenzene (ug/L) - TW6	09/09/2015	<MDL 0.2	No
1,4-Dichlorobenzene (ug/L) - TW7&8	09/09/2015	<MDL 0.2	No
(DDT) + metabolites (ug/L) - TW3	09/09/2015	<MDL 0.01	No
(DDT) + metabolites (ug/L) - TW5	09/09/2015	<MDL 0.01	No
(DDT) + metabolites (ug/L) - TW6	09/09/2015	<MDL 0.01	No
(DDT) + metabolites (ug/L) - TW7&8	09/09/2015	<MDL 0.01	No
1,2-Dichloroethane (ug/L) - TW3	09/09/2015	<MDL 0.1	No
1,2-Dichloroethane (ug/L) - TW5	09/09/2015	<MDL 0.1	No
1,2-Dichloroethane (ug/L) - TW6	09/09/2015	<MDL 0.1	No
1,2-Dichloroethane (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
1,1-Dichloroethylene (ug/L) - TW3	09/09/2015	<MDL 0.1	No
1,1-Dichloroethylene (ug/L) - TW5	09/09/2015	<MDL 0.1	No
1,1-Dichloroethylene (ug/L) - TW6	09/09/2015	<MDL 0.1	No
1,1-Dichloroethylene (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
Dichloromethane (ug/L) - TW3	09/09/2015	<MDL 0.3	No
Dichloromethane (ug/L) - TW5	09/09/2015	<MDL 0.3	No
Dichloromethane (ug/L) - TW6	09/09/2015	<MDL 0.3	No
Dichloromethane (ug/L) - TW7&8	09/09/2015	<MDL 0.3	No
2,4-Dichlorophenol (ug/L) - TW3	09/09/2015	<MDL 0.1	No
2,4-Dichlorophenol (ug/L) - TW5	09/09/2015	<MDL 0.1	No
2,4-Dichlorophenol (ug/L) - TW6	09/09/2015	<MDL 0.1	No
2,4-Dichlorophenol (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW3	09/09/2015	<MDL 5.0	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW5	09/09/2015	<MDL 5.0	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW6	09/09/2015	<MDL 5.0	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW7&8	09/09/2015	<MDL 5.0	No
Diclofop-methyl (ug/L) - TW3	09/09/2015	<MDL 0.5	No
Diclofop-methyl (ug/L) - TW5	09/09/2015	<MDL 0.5	No
Diclofop-methyl (ug/L) - TW6	09/09/2015	<MDL 0.5	No
Diclofop-methyl (ug/L) - TW7&8	09/09/2015	<MDL 0.5	No
Dimethoate (ug/L) - TW3	09/09/2015	<MDL 1.0	No
Dimethoate (ug/L) - TW5	09/09/2015	<MDL 1.0	No
Dimethoate (ug/L) - TW6	09/09/2015	<MDL 1.0	No
Dimethoate (ug/L) - TW7&8	09/09/2015	<MDL 1.0	No
Dinoseb (ug/L) - TW3	09/09/2015	<MDL 0.5	No
Dinoseb (ug/L) - TW5	09/09/2015	<MDL 0.5	No
Dinoseb (ug/L) - TW6	09/09/2015	<MDL 0.5	No
Dinoseb (ug/L) - TW7&8	09/09/2015	<MDL 0.5	No
Diquat (ug/L) - TW3	09/09/2015	<MDL 5.0	No

Parameter	Sample Date	Result Value	Exceedance
Diquat (ug/L) - TW5	09/09/2015	<MDL 5.0	No
Diquat (ug/L) - TW6	09/09/2015	<MDL 5.0	No
Diquat (ug/L) - TW7&8	09/09/2015	<MDL 5.0	No
Diuron (ug/L) - TW3	09/09/2015	<MDL 5.0	No
Diuron (ug/L) - TW5	09/09/2015	<MDL 5.0	No
Diuron (ug/L) - TW6	09/09/2015	<MDL 5.0	No
Diuron (ug/L) - TW7&8	09/09/2015	<MDL 5.0	No
Glyphosate (ug/L) - TW3	09/09/2015	<MDL 25.0	No
Glyphosate (ug/L) - TW5	09/09/2015	<MDL 25.0	No
Glyphosate (ug/L) - TW6	09/09/2015	<MDL 25.0	No
Glyphosate (ug/L) - TW7&8	09/09/2015	<MDL 25.0	No
Heptachlor+Hepachlor Epoxide (ug/L) - TW3	09/09/2015	<MDL 0.1	No
Heptachlor+Hepachlor Epoxide (ug/L) - TW5	09/09/2015	<MDL 0.1	No
Heptachlor+Hepachlor Epoxide (ug/L) - TW6	09/09/2015	<MDL 0.1	No
Heptachlor+Hepachlor Epoxide (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
Lindane: (ug/L) - TW3	09/09/2015	<MDL 0.1	No
Lindane: (ug/L) - TW5	09/09/2015	<MDL 0.1	No
Lindane: (ug/L) - TW6	09/09/2015	<MDL 0.1	No
Lindane: (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
Malathion (ug/L) - TW3	09/09/2015	<MDL 5.0	No
Malathion (ug/L) - TW5	09/09/2015	<MDL 5.0	No
Malathion (ug/L) - TW6	09/09/2015	<MDL 5.0	No
Malathion (ug/L) - TW7&8	09/09/2015	<MDL 5.0	No
Methoxychlor (ug/L) - TW3	09/09/2015	<MDL 0.1	No
Methoxychlor (ug/L) - TW5	09/09/2015	<MDL 0.1	No
Methoxychlor (ug/L) - TW6	09/09/2015	<MDL 0.1	No
Methoxychlor (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
Metolachlor (ug/L) - TW3	09/09/2015	<MDL 3.0	No
Metolachlor (ug/L) - TW5	09/09/2015	<MDL 3.0	No
Metolachlor (ug/L) - TW6	09/09/2015	<MDL 3.0	No
Metolachlor (ug/L) - TW7&8	09/09/2015	<MDL 3.0	No
Metribuzin (ug/L) - TW3	09/09/2015	<MDL 3.0	No
Metribuzin (ug/L) - TW5	09/09/2015	<MDL 3.0	No
Metribuzin (ug/L) - TW6	09/09/2015	<MDL 3.0	No
Metribuzin (ug/L) - TW7&8	09/09/2015	<MDL 3.0	No
Monochlorobenzene (ug/L) - TW3	09/09/2015	< 0.2	No
Monochlorobenzene (ug/L) - TW5	09/09/2015	< 0.2	No
Monochlorobenzene (ug/L) - TW6	09/09/2015	< 0.2	No
Monochlorobenzene (ug/L) - TW7&8	09/09/2015	< 0.2	No
Paraquat (ug/L) - TW3	09/09/2015	<MDL 1.0	No
Paraquat (ug/L) - TW5	09/09/2015	<MDL 1.0	No
Paraquat (ug/L) - TW6	09/09/2015	<MDL 1.0	No
Paraquat (ug/L) - TW7&8	09/09/2015	<MDL 1.0	No
Parathion (ug/L) - TW3	09/09/2015	<MDL 3.0	No
Parathion (ug/L) - TW5	09/09/2015	<MDL 3.0	No

Parameter	Sample Date	Result Value	Exceedance
Parathion (ug/L) - TW6	09/09/2015	<MDL 3.0	No
Parathion (ug/L) - TW7&8	09/09/2015	<MDL 3.0	No
Pentachlorophenol (ug/L) - TW3	09/09/2015	<MDL 0.1	No
Pentachlorophenol (ug/L) - TW5	09/09/2015	<MDL 0.1	No
Pentachlorophenol (ug/L) - TW6	09/09/2015	<MDL 0.1	No
Pentachlorophenol (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
Phorate (ug/L) - TW3	09/09/2015	<MDL 0.3	No
Phorate (ug/L) - TW5	09/09/2015	<MDL 0.3	No
Phorate (ug/L) - TW6	09/09/2015	<MDL 0.3	No
Phorate (ug/L) - TW7&8	09/09/2015	<MDL 0.3	No
Picloram (ug/L) - TW3	09/09/2015	<MDL 5.0	No
Picloram (ug/L) - TW5	09/09/2015	<MDL 5.0	No
Picloram (ug/L) - TW6	09/09/2015	<MDL 5.0	No
Picloram (ug/L) - TW7&8	09/09/2015	<MDL 5.0	No
Polychlorinated Bichenysl(PCB) (ug/L) - TW3	09/09/2015	<MDL 0.05	No
Polychlorinated Bichenysl(PCB) (ug/L) - TW5	09/09/2015	<MDL 0.05	No
Polychlorinated Bichenysl(PCB) (ug/L) - TW6	09/09/2015	<MDL 0.05	No
Polychlorinated Bichenysl(PCB) (ug/L) - TW7&8	09/09/2015	<MDL 0.05	No
Prometryne (ug/L) - TW3	09/09/2015	<MDL 0.1	No
Prometryne (ug/L) - TW5	09/09/2015	<MDL 0.1	No
Prometryne (ug/L) - TW6	09/09/2015	<MDL 0.1	No
Prometryne (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
Simazine (ug/L) - TW3	09/09/2015	<MDL 0.5	No
Simazine (ug/L) - TW5	09/09/2015	<MDL 0.5	No
Simazine (ug/L) - TW6	09/09/2015	<MDL 0.5	No
Simazine (ug/L) - TW7&8	09/09/2015	<MDL 0.5	No
Temephos (ug/L) - TW3	09/09/2015	<MDL 10.0	No
Temephos (ug/L) - TW5	09/09/2015	<MDL 10.0	No
Temephos (ug/L) - TW6	09/09/2015	<MDL 10.0	No
Temephos (ug/L) - TW7&8	09/09/2015	<MDL 10.0	No
Terbufos (ug/L) - TW3	09/09/2015	<MDL 0.3	No
Terbufos (ug/L) - TW5	09/09/2015	<MDL 0.3	No
Terbufos (ug/L) - TW6	09/09/2015	<MDL 0.3	No
Terbufos (ug/L) - TW7&8	09/09/2015	<MDL 0.3	No
Tetrachloroethylene (ug/L) - TW3	09/09/2015	<MDL 0.2	No
Tetrachloroethylene (ug/L) - TW5	09/09/2015	<MDL 0.2	No
Tetrachloroethylene (ug/L) - TW6	09/09/2015	<MDL 0.2	No
Tetrachloroethylene (ug/L) - TW7&8	09/09/2015	<MDL 0.2	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW3	09/09/2015	<MDL 0.1	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW5	09/09/2015	<MDL 0.1	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW6	09/09/2015	<MDL 0.1	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
Triallate (ug/L) - TW3	09/09/2015	<MDL 10.0	No
Triallate (ug/L) - TW5	09/09/2015	<MDL 10.0	No
Triallate (ug/L) - TW6	09/09/2015	<MDL 10.0	No

Parameter	Sample Date	Result Value	Exceedance
Triallate (ug/L) - TW7&8	09/09/2015	<MDL 10.0	No
Trichloroethylene (ug/L) - TW3	09/09/2015	<MDL 0.1	No
Trichloroethylene (ug/L) - TW5	09/09/2015	<MDL 0.1	No
Trichloroethylene (ug/L) - TW6	09/09/2015	<MDL 0.1	No
Trichloroethylene (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
2,4,6-Trichlorophenol (ug/L) - TW3	09/09/2015	<MDL 0.1	No
2,4,6-Trichlorophenol (ug/L) - TW5	09/09/2015	<MDL 0.1	No
2,4,6-Trichlorophenol (ug/L) - TW6	09/09/2015	<MDL 0.1	No
2,4,6-Trichlorophenol (ug/L) - TW7&8	09/09/2015	<MDL 0.1	No
2,4,5-Trichlorophenoxy acetic acid (ug/L) - TW3	09/09/2015	<MDL 10.0	No
2,4,5-Trichlorophenoxy acetic acid (ug/L) - TW5	09/09/2015	<MDL 10.0	No
2,4,5-Trichlorophenoxy acetic acid (ug/L) - TW6	09/09/2015	<MDL 10.0	No
2,4,5-Trichlorophenoxy acetic acid (ug/L) - TW7&8	09/09/2015	<MDL 10.0	No
Trifluralin (ug/L) - TW3	09/09/2015	<MDL 0.5	No
Trifluralin (ug/L) - TW5	09/09/2015	<MDL 0.5	No
Trifluralin (ug/L) - TW6	09/09/2015	<MDL 0.5	No
Trifluralin (ug/L) - TW7&8	09/09/2015	<MDL 0.5	No
Vinyl Chloride (ug/L) - TW3	09/09/2015	<MDL 0.2	No
Vinyl Chloride (ug/L) - TW5	09/09/2015	<MDL 0.2	No
Vinyl Chloride (ug/L) - TW6	09/09/2015	<MDL 0.2	No
Vinyl Chloride (ug/L) - TW7&8	09/09/2015	<MDL 0.2	No
Distribution Water			
Trihalomethane: Total (ug/L) Annual Average - DW	2017	9.725	No

Maintenance Summary

OCWA uses a risk-based preventative maintenance framework that ensures assets are maintained to manufacturer's and/or industry standards. Maintenance is completed using various tools and operational supports. The Mississippi Cluster has specialized certified staff such as Millwrights, Electricians and Instrumentation Specialists to name a few.

OCWA uses a Workplace Maintenance System (WMS). WMS is a maintenance tracking system that can generate work orders as well as give summaries of completed and scheduled work. During the year, the operating authority at the facility generates scheduled work orders on a weekly, monthly and annual basis. The service work is recorded in the work order history. This ensures routine and preventive maintenance is carried out. Emergency and capital repair maintenance is completed and added to the system.

Capital projects are listed and provided to the Municipality of Mississippi Mills in the form of a "Capital Forecast". This list is developed by facility staff and provides recommendations for facility components requiring upgrading or improvement.

Facility Maintenance Highlights

Work Order #	Details
472183	Fabricate step
472825	Alarm keypad replacement
255234	Plumbing Supplies
288135	Annual Tower Inspection
288141	SCADA CCP's
289246	New Conduit For Wells 03, 05, 06
344896	Pocket Colorimeter II
375718	Monitor Well 6 during water main repair
377880	DWQMS External Audit Fees 2017
438031	Water Tower Level Loss
541711	Almonte Daycare Lead Sampling
409054	Portable Generator Repairs
243786	Chlorine Pump Parts & Panel Parts
243039	Well 8 Pump and Rehabilitation

Distribution Highlights

Maintenance and Operations:

- Water main flushing program completed;
- Valve turning program completed;
- Several repairs – valves, hydrants, services and curb stops;
- Initiated detailed design work for future water main replacements on Victoria Street, King Street and Mercer/Marshall Streets.
- Water and Wastewater Master Plan Update completed;
- New water mains commissioned on Mill Run Phase 3 Subdivision, Riverfront Phase 3 Subdivision, Church Street, and Union Street North.
- Planning Initiatives:
 - Schedule 'B' Class EA - Water Storage;
 - Watermain on State Street in 2018;
 - Radio Frequency Meter Upgrades;
 - Engineering for future water and sewer works on Victoria Street, Mercer/Marshall Street, and King Street continues in 2018;
 - Annual Infiltration and Inflow Program;
 - Well Site Mechanical/Electrical/Instrumentation upgrades in 2018;
 -

Community Complaints

Community complaints are responded to by the Municipality of Mississippi Mills staff.

QEMS

The Ontario Clean Water Agency has received Full scope accreditation. An on-site audit was conducted by a third party auditor and there were no non-conformances identified. An Internal Audit and Management Review were also completed. Minutes from the 2017 Management Review were provided to the Municipality.

Water Taking and Transfer Data

Data was submitted electronically on February 22, 2017 under permit #0568-9LUL2N and #8175-AQPHA8. The confirmation and a copy of the submitted data are attached in Appendix A.

Appendix A

WTRS Data and Submission Confirmation

The screenshot shows the WTRS submission confirmation page. At the top left is the Ontario logo. In the center is the 'environet WTRS' logo. At the top right is the 'Ministry of the Environment and Climate Change' logo. Below the logos is a navigation bar with links: WT DATA | USER PROFILE | CONTACT US | HELP | HOME | LOGOUT |. Below the navigation bar is a breadcrumb trail: Location: WTRS / WT DATA / Input WT Record. On the right side of the breadcrumb trail is the ID: WTRS-WT-008. A green box contains the message: 'Water Taking Data submitted successfully.' Below this is a 'Confirmation:' section. It contains the text: 'Thank you for submitting your water taking data online.' followed by the permit details: 'Permit Number: 8175-AQPH48', 'Permit Holder: THE CORPORATION OF THE TOWN OF MISSISSIPPI MILLS.', and 'Received on: Feb 22, 2018 10:16 AM'. Below the details is a paragraph: 'This confirmation indicates that your data has been received by the Ministry, but should not be construed as acceptance of this data if it differs from that specified on the Permit Number, assigned to the Permit Holder stated above.' At the bottom of the confirmation section are two buttons: 'Print Confirmation' and 'Return to Main Page'. In the bottom right corner of the page, it says: 'TOWN OF MISSISSIPPI MILLS | 2018/02/22', 'version: v4.5.0.8 (build#: 18)', and 'Last modified: 2018/01/11'. At the bottom left is the Ontario logo and the text: 'This site maintained by the Government of Ontario'. At the bottom right is the copyright notice: '©2018 Queen's Printer for Ontario'.

The screenshot shows the WTRS submission confirmation page. At the top left is the Ontario logo. In the center is the 'environet WTRS' logo. At the top right is the 'Ministry of the Environment and Climate Change' logo. Below the logos is a navigation bar with links: WT DATA | USER PROFILE | CONTACT US | HELP | HOME | LOGOUT |. Below the navigation bar is a breadcrumb trail: Location: WTRS / WT DATA / Input WT Record. On the right side of the breadcrumb trail is the ID: WTRS-WT-008. A green box contains the message: 'Water Taking Data submitted successfully.' Below this is a 'Confirmation:' section. It contains the text: 'Thank you for submitting your water taking data online.' followed by the permit details: 'Permit Number: 0568-9LUL2N', 'Permit Holder: THE CORPORATION OF THE TOWN OF MISSISSIPPI MILLS.', and 'Received on: Feb 22, 2018 10:18 AM'. Below the details is a paragraph: 'This confirmation indicates that your data has been received by the Ministry, but should not be construed as acceptance of this data if it differs from that specified on the Permit Number, assigned to the Permit Holder stated above.' At the bottom of the confirmation section are two buttons: 'Print Confirmation' and 'Return to Main Page'. In the bottom right corner of the page, it says: 'TOWN OF MISSISSIPPI MILLS | 2018/02/22', 'version: v4.5.0.8 (build#: 18)', and 'Last modified: 2018/01/11'. At the bottom left is the Ontario logo and the text: 'This site maintained by the Government of Ontario'. At the bottom right is the copyright notice: '©2018 Queen's Printer for Ontario'.

APPENDIX C
INSPECTION RATING RECORD

Ministry of the Environment - Inspection Summary Rating Record (Reporting Year - 2017-2018)

DWS Name:	MISSISSIPPI MILLS DRINKING WATER SYSTEM
DWS Number:	220001290
DWS Owner:	Mississippi Mills, The Corporation Of The Town Of
Municipal Location:	Mississippi Mills

Regulation: O.REG 170/03
Category: Large Municipal Residential System
Type Of Inspection: Focused
Inspection Date: February 16, 2018
Ministry Office: Ottawa District

Maximum Question Rating: 496

Inspection Module	Non-Compliance Rating
Source	0 / 28
Capacity Assessment	0 / 30
Treatment Processes	0 / 64
Operations Manuals	0 / 28
Logbooks	0 / 14
Certification and Training	0 / 42
Water Quality Monitoring	0 / 112
Reporting & Corrective Actions	0 / 66
Other Inspection Findings	0 / 0
Treatment Process Monitoring	0 / 112
TOTAL	0 / 496

Inspection Risk Rating	0.00%
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FINAL INSPECTION RATING:	100.00%
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Ministry of the Environment - Detailed Inspection Rating Record (Reporting Year - 2017-2018)

DWS Name:	MISSISSIPPI MILLS DRINKING WATER SYSTEM
DWS Number:	220001290
DWS Owner:	Mississippi Mills, The Corporation Of The Town Of
Municipal Location:	Mississippi Mills
Regulation:	O.REG 170/03
Category:	Large Municipal Residential System
Type Of Inspection:	Focused
Inspection Date:	February 16, 2018
Ministry Office:	Ottawa District

Non-compliant Question(s)	Question Rating
Other Inspection Findings	
In the event that an issue of non-compliance outside the scope of this inspection protocol is identified, a "No" response may be used if further actions are deemed necessary (and approved by the DW Supervisor) to facilitate compliance.	0
TOTAL QUESTION RATING	0

Maximum Question Rating: 496

Inspection Risk Rating	0.00%
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FINAL INSPECTION RATING:	100.00%
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APPENDIX D

INSPECTION RATING RECORD METHODOLOGY

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



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

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

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

MOE reviews the risk rating methodology every three years.

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

ontario.ca/drinkingwater

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

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

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

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

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

Determining Potential to Compromise the Delivery of Safe Water

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

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

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

(of the consequence)

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

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

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

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

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

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

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

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

TABLE 3:

Does the Operator in Charge ensure that the equipment and processes are monitored, inspected and evaluated?

Risk = Likelihood × Consequence

C=1	C=2	C=3	C=4	C=5	C=6	C=7	C=8
Medium Administrative Consequence	Major Administrative Consequence	Minor Environmental Consequence	Minor Health Consequence	Medium Environmental Consequence	Major Environmental Consequence	Medium Health Consequence	Major Health Consequence
L=4 (Almost Certain)	L=1 (Unlikely)	L=2 (Possible)	L=3 (Likely)	L=3 (Likely)	L=1 (Unlikely)	L=3 (Likely)	L=2 (Possible)
R=4	R=2	R=6	R=12	R=15	R=6	R=21	R=16

Application of the Methodology to Inspection Results

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

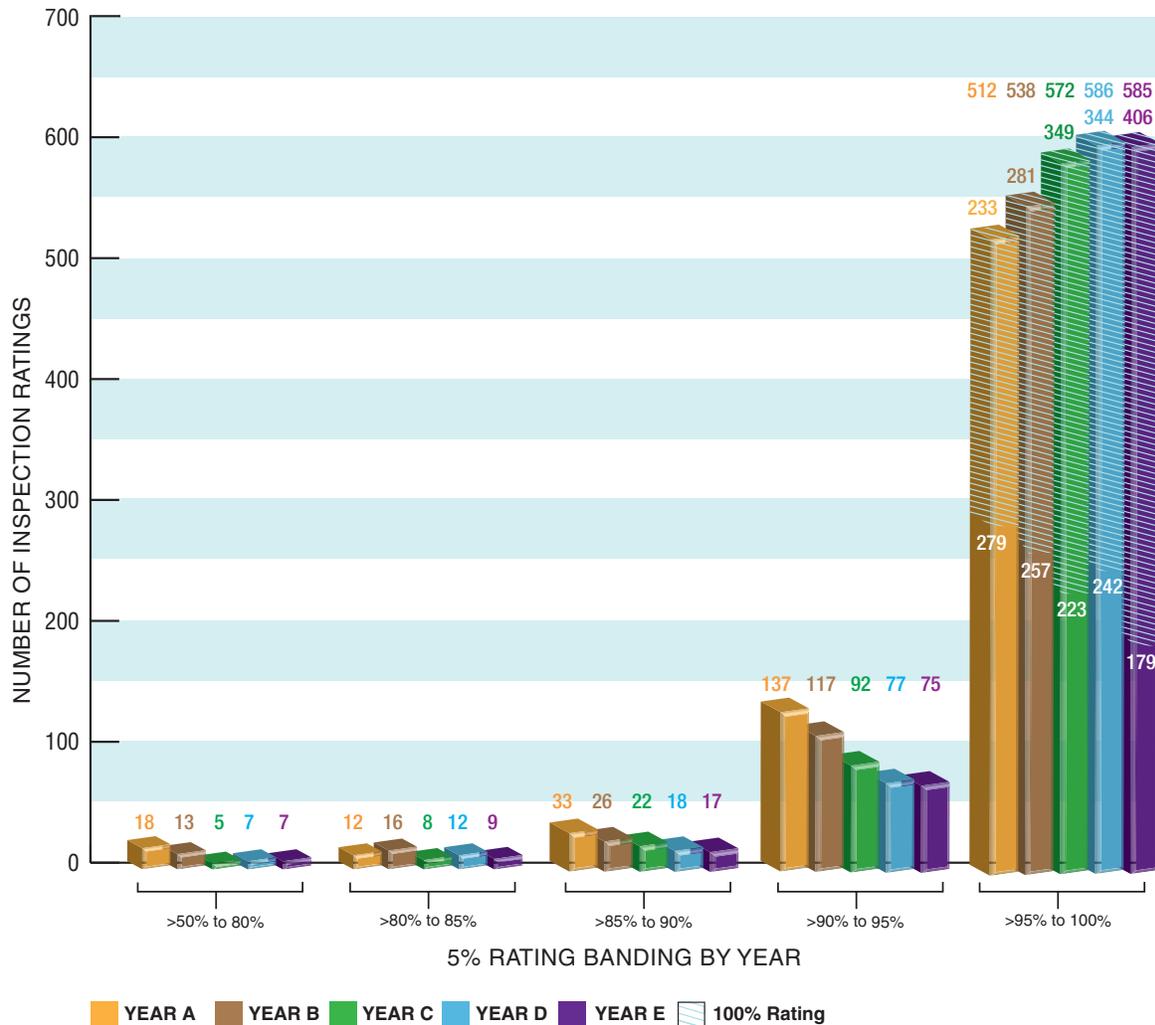
The risk ratings of all non-compliant answers are summed and divided by the sum of the risk ratings of all questions asked (maximum question rating). The resulting inspection risk rating (as a percentage) is subtracted from 100 per cent to arrive at the final inspection rating.

Application of the Methodology for Public Reporting

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

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

Figure 1: Year Over Year Distribution of MRDWS Ratings



Reporting Results to MRDWS Owners/Operators

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

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

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

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



MUNICIPAL DRINKING WATER LICENCE

Licence Number: 178-101

Issue Number: 3

Pursuant to the *Safe Drinking Water Act, 2002*, S.O. 2002, c. 32, and the regulations made thereunder and subject to the limitations thereof, this municipal drinking water licence is issued under Part V of the *Safe Drinking Water Act, 2002*, S.O. 2002, c. 32 to:

The Corporation of the Municipality of Mississippi Mills

**3131 Old Perth Road
Almonte, ON K0A 1A0**

For the following municipal residential drinking water system:

Mississippi Mills Drinking Water System

This municipal drinking water licence includes the following:

Schedule	Description
Schedule A	Drinking Water System Information
Schedule B	General Conditions
Schedule C	System-Specific Conditions
Schedule D	Conditions for Relief from Regulatory Requirements
Schedule E	Pathogen Log Removal/Inactivation Credits

DATED at TORONTO this 22nd day of February, 2018

Signature

Aziz Ahmed, P.Eng.
Director
Part V, *Safe Drinking Water Act, 2002*

Schedule A: Drinking Water System Information

System Owner	The Corporation of the Municipality of Mississippi Mills
Licence Number	178-101
Drinking Water System Name	Mississippi Mills Drinking Water System
Schedule A Issue Date	February 22, 2018

The following information is applicable to the above drinking water system and forms part of this licence:

Licence

Licence Issue Date	February 22, 2018
Licence Expiry Date	2021-07-19
Application for Licence Renewal Date	2021-01-17

Drinking Water Works Permit

Drinking Water System Name	Permit Number	Issue Date
Mississippi Mills Drinking Water System	178-201	July 20, 2016

Permits to Take Water

Water Taking Location	Permit Number	Expiry Date
Groundwater Wells 3, 5, 6, 7, 8	8175-AQPHA8	August 31, 2027

Financial Plans

The Financial Plan Number for the Financial Plan required to be developed for this drinking water system in accordance with O. Reg. 453/07 shall be:	178-301
Alternately, if one Financial Plan is developed for all drinking water systems owned by the owner, the Financial Plan Number shall be:	178-301A

Accredited Operating Authority

Drinking Water System or Operational Subsystems	Accredited Operating Authority	Operational Plan No.	Operating Authority No.
Mississippi Mills Drinking Water System – Distribution System (A)	Municipality of Mississippi Mills	178-401A	178-OA1
Mississippi Mills Drinking Water System – Well Supply (B)	Ontario Clean Water Agency	178-401B	178-OA2

Schedule B: General Conditions

System Owner	The Corporation of the Municipality of Mississippi Mills
Licence Number	178-101
Drinking Water System Name	Mississippi Mills Drinking Water System
Schedule B Issue Date	February 22, 2018

1.0 Definitions

1.1 Words and phrases not defined in this licence and the associated drinking water works permit shall be given the same meaning as those set out in the SDWA and any regulations made in accordance with that act, unless the context requires otherwise.

1.2 In this licence and the associated drinking water works permit:

“**adverse effect**”, “**contaminant**” and “**natural environment**” shall have the same meanings as in the EPA;

“**alteration**” may include the following in respect of this drinking water system:

- (a) An addition to the system,
- (b) A modification of the system,
- (c) A replacement of part of the system, and
- (d) An extension of the system;

“**compound of concern**” means a contaminant that, based on generally available information, may be emitted from a component of the drinking water system to the atmosphere in a quantity that is significant either in comparison to the relevant point of impingement limit or if a point of impingement limit is not available for the compound, then based on generally available toxicological information, the compound has the potential to cause an adverse effect as defined by the EPA at a point of impingement;

“**Director**” means a Director appointed pursuant to section 6 of the SDWA for the purposes of Part V of the SDWA;

“**drinking water works permit**” means the drinking water works permit for the drinking water system, as identified in Schedule A of this licence and as amended from time to time;

“**emission summary table**” means the table that was prepared by a Professional Engineer in accordance with O. Reg. 419/05 and the procedure document listing the appropriate point of impingement concentrations of each compound of concern emitted from a component of the drinking water system and providing comparison to the corresponding point of impingement limit;

“**EPA**” means the *Environmental Protection Act*, R.S.O. 1990, c. E.19;

“**financial plan**” means the financial plan required by O. Reg. 453/07;

“**licence**” means this municipal drinking water licence for the municipal drinking water system identified in Schedule A of this licence;

“**operational plan**” means an operational plan developed in accordance with the Director’s Directions – Minimum Requirements for Operational Plans made under the authority of subsection 15(1) of the SDWA;

“**owner**” means the owner of the drinking water system as identified in Schedule A of this licence;

“**permit to take water**” means the permit to take water that is associated with the taking of water for purposes of the operation of the drinking water system, as identified in Schedule A of this licence and as amended from time to time;

“**point of impingement**” means any point in the natural environment that is not on the same property as the source of the contaminant and as defined by section 2 of O. Reg. 419/05;

“**point of impingement limit**” means the appropriate standard from Schedule 1, 2 or 3 of O. Reg. 419/05 and if a standard is not provided for a compound of concern, the appropriate criteria listed in the Ministry of the Environment and Climate Change publication titled “Summary of Standards and Guidelines to support Ontario Regulation 419: Air Pollution – Local Air Quality (including Schedule 6 of O. Reg. 419 on Upper Risk Thresholds)”, dated February 2008, as amended;

“**procedure document**” means the Ministry of the Environment and Climate Change procedure titled “Procedure for Preparing an Emission Summary and Dispersion Modelling Report” dated July 2005, as amended;

“**Professional Engineer**” means a Professional Engineer who has been licenced to practice in the Province of Ontario;

“**provincial officer**” means a provincial officer appointed pursuant to section 8 of the SDWA;

“**publication NPC-300**” means the Ministry of the Environment and Climate Change publication titled “Environmental Noise Guideline: Stationary and Transportation Sources – Approval and Planning” dated August 2013, as amended;

“**SDWA**” means the *Safe Drinking Water Act*, 2002, S.O. 2002, c. 32;

“**sensitive populations**” means any one or a combination of the following locations where the health effects of nitrogen oxides emissions from emergency generators shall be considered using the point of impingement limit instead of the Ministry of the Environment and Climate Change screening level for emergency generators:

- (a) health care units (e.g., hospitals and nursing homes),
- (b) primary/junior public schools,
- (c) day-care facilities, and
- (d) playgrounds;

“**subsystem**” has the same meaning as in Ontario Regulation 128/04 (Certification of Drinking Water System Operators and Water Quality Analysts);

“**surface water**” means water bodies (lakes, wetlands, ponds - including dug-outs), water courses (rivers, streams, water-filled drainage ditches), infiltration trenches, and areas of seasonal wetlands;

2.0 Applicability

- 2.1 In addition to any other requirements, the drinking water system identified above shall be established, altered and operated in accordance with the conditions of the drinking water works permit and this licence.

3.0 Licence Expiry

- 3.1 This licence expires on the date identified as the licence expiry date in Schedule A of this licence.

4.0 Licence Renewal

- 4.1 Any application to renew this licence shall be made on or before the date identified as the application for licence renewal date set out in Schedule A of this licence.

5.0 Compliance

- 5.1 The owner and operating authority shall ensure that any person authorized to carry out work on or to operate any aspect of the drinking water system has been informed of the SDWA, all applicable regulations made in accordance with that act, the drinking water works permit and this licence and shall take all reasonable measures to ensure any such person complies with the same.

6.0 Licence and Drinking Water Works Permit Availability

- 6.1 At least one copy of this licence and the drinking water works permit shall be stored in such a manner that they are readily viewable by all persons involved in the operation of the drinking water system.

7.0 Permit to Take Water and Drinking Water Works Permit

- 7.1 A permit to take water identified in Schedule A of this licence is the applicable permit on the date identified as the Schedule A Issue Date.
- 7.2 A drinking water works permit identified in Schedule A of this licence is the applicable permit on the date identified as the Schedule A Issue Date.

8.0 Financial Plan

- 8.1 For every financial plan prepared in accordance with subsections 2(1) and 3(1) of O. Reg. 453/07, the owner of the drinking water system shall:
- 8.1.1 Ensure that the financial plan contains on the front page of the financial plan, the appropriate financial plan number as set out in Schedule A of this licence; and
- 8.1.2 Submit a copy of the financial plan to the Ministry of Municipal Affairs and Housing within three (3) months of receiving approval by a resolution of municipal council or the governing body of the owner.

9.0 Interpretation

- 9.1 Where there is a conflict between the provisions of this licence and any other document, the following hierarchy shall be used to determine the provision that takes precedence:
- 9.1.1 The SDWA;
- 9.1.2 A condition imposed in this licence that explicitly overrides a prescribed regulatory requirement;
- 9.1.3 A condition imposed in the drinking water works permit that explicitly overrides a prescribed regulatory requirement;
- 9.1.4 Any regulation made under the SDWA;
- 9.1.5 Any provision of this licence that does not explicitly override a prescribed regulatory requirement;
- 9.1.6 Any provision of the drinking water works permit that does not explicitly override a prescribed regulatory requirement;
- 9.1.7 Any application documents listed in this licence, or the drinking water works permit from the most recent to the earliest; and
- 9.1.8 All other documents listed in this licence, or the drinking water works permit from the most recent to the earliest.
- 9.2 If any requirement of this licence or the drinking water works permit is found to be invalid by a court of competent jurisdiction, the remaining requirements of this licence and the drinking water works permit shall continue to apply.

- 9.3** The issuance of and compliance with the conditions of this licence and the drinking water works permit does not:
- 9.3.1 Relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement, including the *Environmental Assessment Act*, R.S.O. 1990, c. E.18; and
 - 9.3.2 Limit in any way the authority of the appointed Directors and provincial officers of the Ministry of the Environment and Climate Change to require certain steps be taken or to require the owner to furnish any further information related to compliance with the conditions of this licence or the drinking water works permit.
- 9.4** For greater certainty, nothing in this licence or the drinking water works permit shall be read to provide relief from regulatory requirements in accordance with section 46 of the SDWA, except as expressly provided in the licence or the drinking water works permit.

10.0 Adverse Effects

- 10.1** Nothing in this licence or the drinking water works permit shall be read as to permit:
- 10.1.1 The discharge of a contaminant into the natural environment that causes or is likely to cause an adverse effect; or
 - 10.1.2 The discharge of any material of any kind into or in any waters or on any shore or bank thereof or into or in any place that may impair the quality of the water of any waters.
- 10.2** All reasonable steps shall be taken to minimize and ameliorate any adverse effect on the natural environment or impairment of the quality of water of any waters resulting from the operation of the drinking water system including such accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.
- 10.3** Fulfillment of one or more conditions imposed by this licence or the drinking water works permit does not eliminate the requirement to fulfill any other condition of this licence or the drinking water works permit.

11.0 Change of Owner or Operating Authority

- 11.1** This licence is not transferable without the prior written consent of the Director.
- 11.2** The owner shall notify the Director in writing at least 30 days prior to a change of any operating authority identified in Schedule A of this licence.
- 11.2.1 Where the change of operating authority is the result of an emergency situation, the owner shall notify the Director in writing of the change as soon as practicable.

12.0 Information to be Provided

- 12.1** Any information requested by a Director or a provincial officer concerning the drinking water system and its operation, including but not limited to any records required to be kept by this licence or the drinking water works permit, shall be provided upon request.

13.0 Records Retention

- 13.1** Except as otherwise required in this licence or the drinking water works permit, any records required by or created in accordance with this licence or the drinking water works permit, other than the records specifically referenced in section 12 of O. Reg. 170/03, shall be retained for at least 5 years and made available for inspection by a provincial officer, upon request.

14.0 Chemicals and Materials

- 14.1** All chemicals and materials used in the alteration or operation of the drinking water system that come into contact with water within the system shall meet all applicable standards set by both the American Water Works Association ("AWWA") and the American National Standards Institute ("ANSI") safety criteria standards NSF/60, NSF/61 and NSF/372.

14.1.1 In the event that the standards are updated, the owner may request authorization from the Director to use any on hand chemicals and materials that previously met the applicable standards.

14.1.2 The requirement for the owner to comply with NSF/372 shall come into force no later than the 2nd of August, 2018.

- 14.2** The most current chemical and material product registration documentation from a testing institution accredited by either the Standards Council of Canada or by the American National Standards Institution ("ANSI") shall be available at all times for each chemical and material used in the operation of the drinking water system that comes into contact with water within the system.

- 14.3** Conditions 14.1 and 14.2 do not apply in the case of the following:

14.3.1 Water pipe and pipe fittings meeting AWWA specifications made from ductile iron, cast iron, PVC, fibre and/or steel wire reinforced cement pipe or high density polyethylene (HDPE);

14.3.2 Articles made from stainless steel, glass, HDPE or Teflon®;

14.3.3 Cement mortar for watermain lining and for water contacting surfaces of concrete structures made from washed aggregates and Portland cement;

14.3.4 Gaskets that are made from NSF approved materials;

14.3.5 Food grade oils and lubricants, food grade anti-freeze, and other food grade chemicals and materials that are compatible for drinking water use; or

- 14.3.6 Any particular chemical or material where the owner has written documentation signed by the Director that indicates that the Ministry of the Environment and Climate Change is satisfied that the chemical or material is acceptable for use within the drinking water system and the chemical or material is only used as permitted by the documentation.

15.0 Drawings

- 15.1 All drawings and diagrams in the possession of the owner that show any treatment subsystem as constructed shall be retained by the owner unless the drawings and diagrams are replaced by a revised or updated version showing the subsystem as constructed subsequent to the alteration.
- 15.2 Any alteration to any treatment subsystem shall be incorporated into process flow diagrams, process and instrumentation diagrams, and record drawings and diagrams within one year of the substantial completion of the alteration.
- 15.3 Process flow diagrams and process and instrumentation diagrams for any treatment subsystem shall be kept in a place, or made available in such a manner, that they may be readily viewed by all persons responsible for all or part of the operation of the drinking water system.

16.0 Operations and Maintenance Manual

- 16.1 An up-to-date operations and maintenance manual or manuals shall be maintained and applicable parts of the manual or manuals shall be made available for reference by all persons responsible for all or part of the operation or maintenance of the drinking water system.
- 16.2 The operations and maintenance manual or manuals, shall include at a minimum:
- 16.2.1 The requirements of this licence and associated procedures;
- 16.2.2 The requirements of the drinking water works permit for the drinking water system;
- 16.2.3 A description of the processes used to achieve primary and secondary disinfection within the drinking water system, including where applicable:
- a) A copy of the CT calculations that were used as the basis for primary disinfection under worst case operating conditions; and
 - b) The validated operating conditions for UV disinfection equipment, including a copy of the validation certificate;
- 16.2.4 Procedures for monitoring and recording the in-process parameters necessary for the control of any treatment subsystem and for assessing the performance of the drinking water system;

- 16.2.5 Procedures for the operation and maintenance of monitoring equipment;
 - 16.2.6 Contingency plans and procedures for the provision of adequate equipment and material to deal with emergencies, upset conditions and equipment breakdown;
 - 16.2.7 Procedures for dealing with complaints related to the drinking water system, including the recording of the nature of the complaint and any investigation and corrective action taken in respect of the complaint;
 - 16.2.8 An inspection schedule for all wells associated with the drinking water system, including all production wells, standby wells, test wells and monitoring wells;
 - 16.2.9 Well inspection and maintenance procedures for the entire well structure of each well including all above and below grade well components; and
 - 16.2.10 Remedial action plans for situations where an inspection indicates non-compliance with respect to regulatory requirements and/or risk to raw well water quality.
- 16.3** Procedures necessary for the operation and maintenance of any alterations to the drinking water system shall be incorporated into the operations and maintenance manual or manuals prior to those alterations coming into operation.
- 16.4** The requirement for the owner to comply with condition 16.2.3 shall come into force on the 2nd of February, 2017.

Schedule C: System-Specific Conditions

System Owner	The Corporation of the Municipality of Mississippi Mills
Licence Number	178-101
Drinking Water System Name	Mississippi Mills Drinking Water System
Schedule C Issue Date	February 22, 2018

1.0 System Performance

Rated Capacity

- 1.1 For each treatment subsystem listed in column 1 of Table 1, the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed the value identified as the rated capacity in column 2 of the same row.

Table 1: Rated Capacity	
Column 1 Treatment Subsystem Name	Column 2 Rated Capacity (m ³ /day)
Well 3	835.2
Well 5	817.9
Well 6	1958.4
Well 7 and Well 8 (Combined)	3,862.0

Maximum Flow Rates

- 1.2 For each treatment subsystem listed in column 1 of Table 2, the maximum flow rate of water that flows into a treatment subsystem component listed in column 2 shall not exceed the value listed in column 3 of the same row.

Table 2: Maximum Flow Rates		
Column 1 Treatment Subsystem Name	Column 2 Treatment Subsystem Component	Column 3 Maximum Flow Rate (L/s)
Not Applicable	Not Applicable	Not Applicable

- 1.3 Despite conditions 1.1 and 1.2, a treatment subsystem may be operated temporarily at a maximum daily volume and/or a maximum flow rate above the values set out in column 2 of Table 1 and column 3 of Table 2 respectively for the purposes of fighting a large fire or for the maintenance of the drinking water system.
- 1.4 Condition 1.3 does not authorize the discharge into the distribution system of any water that does not meet all of the requirements of this licence and all other regulatory requirements, including compliance with the Ontario Drinking Water Quality Standards.

Residue Management

- 1.5** In respect of an effluent discharged into the natural environment from a treatment subsystem or treatment subsystem component listed in column 1 of Table 3:
- 1.5.1 The annual average concentration of a test parameter identified in column 2 shall not exceed the value in column 3 of the same row; and
- 1.5.2 The maximum concentration of a test parameter identified in column 2 shall not exceed the value in column 4 of the same row.

Table 3: Residue Management			
Column 1 Treatment Subsystem or Treatment Subsystem Component Name	Column 2 Test Parameter	Column 3 Annual Average Concentration (mg/L)	Column 4 Maximum Concentration (mg/L)
Not Applicable	Not Applicable	Not Applicable	Not Applicable

UV Disinfection Equipment Performance

- 1.6** For each treatment subsystem or treatment subsystem component listed in column 1 of Table 4, and while directing water to the distribution system:
- 1.6.1 The UV disinfection equipment shall be operated such that a continuous pass-through UV dose is maintained throughout the life time of the UV lamp(s) that is at least the minimum continuous pass-through UV dose set out in column 2 of the same row at the maximum design flow rate for the equipment;
- 1.6.2 In addition to any other sampling, analysis and recording that may be required, the ultraviolet light disinfection equipment shall test for the test parameters set out in column 4 of the same row at a testing frequency of once every five (5) minutes or less and record the test data at a recording frequency of once every four (4) hours or less;
- 1.6.3 If there is a UV disinfection equipment alarm, the test parameters set out in column 4 of the same row shall be recorded at a recording frequency of once every five minutes or less until the alarm condition has been corrected;
- 1.6.4 A monthly summary report shall be prepared at the end of each calendar month which sets out the time, date and duration of each UV equipment alarm, the volume of water treated during each alarm period and the actions taken by the operating authority to correct the alarm situation;

Table 4: UV Disinfection Equipment			
Column 1 Treatment Subsystem or Treatment Subsystem Component Name	Column 2 Minimum Continuous Pass-Through UV Dose (mJ/cm²)	Column 3 Control Strategy	Column 4 Test Parameter
Not Applicable	Not Applicable	Not Applicable	Not Applicable

2.0 Flow Measurement and Recording Requirements

- 2.1** For each treatment subsystem identified in column 1 of Table 1 and in addition to any other flow measurement and recording that may be required, continuous flow measurement and recording shall be undertaken for:
- 2.1.1 The flow rate and daily volume of treated water that flows from the treatment subsystem to the distribution system.
 - 2.1.2 The flow rate and daily volume of water that flows into the treatment subsystem.
- 2.2** For each treatment subsystem component identified in column 2 of Table 2 and in addition to any other flow measurement and recording that may be required, continuous flow measurement and recording shall be undertaken for the flow rate and daily volume of water that flows into the treatment subsystem component.
- 2.3** Where a rated capacity from Table 1 or a maximum flow rate from Table 2 is exceeded, the following shall be recorded:
- 2.3.1 The difference between the measured amount and the applicable rated capacity or maximum flow rate specified in Table 1 or Table 2;
 - 2.3.2 The time and date of the measurement;
 - 2.3.3 The reason for the exceedance; and
 - 2.3.4 The duration of time that lapses between the applicable rated capacity or maximum flow rate first being exceeded and the next measurement where the applicable rated capacity or maximum flow rate is no longer exceeded.

3.0 Calibration of Flow Measuring Devices

- 3.1** All flow measuring devices that are required by regulation, by a condition in the Drinking Water Works Permit, or by a condition otherwise imposed by the Ministry of the Environment and Climate Change, shall be checked and calibrated in accordance with the manufacturer's instructions.

3.2 If the manufacturer's instructions do not indicate how often to check and calibrate a flow measuring device, the equipment shall be checked and calibrated at least once every 12 months during which the drinking water system is in operation.

3.2.1 For greater certainty, if condition 3.2 applies, the equipment shall be checked and calibrated not more than 30 days after the first anniversary of the day the equipment was checked and calibrated in the previous 12-month period.

4.0 Additional Sampling, Testing and Monitoring

Drinking Water Health and Non-Health Related Parameters

4.1 For each treatment subsystem or treatment subsystem component identified in column 1 of Tables 5 and 6 and in addition to any other sampling, testing and monitoring that may be required, sampling, testing and monitoring shall be undertaken for a test parameter listed in column 2 at the sampling frequency listed in column 3 and at the monitoring location listed in column 4 of the same row.

Table 5: Drinking Water Health Related Parameters			
Column 1 Treatment Subsystem or Treatment Subsystem Component Name	Column 2 Test Parameter	Column 3 Sampling Frequency	Column 4 Monitoring Location
Not Applicable	Not Applicable	Not Applicable	Not Applicable

Table 6: Drinking Water Non-Health Related Parameters			
Column 1 Treatment Subsystem or Treatment Subsystem Component Name	Column 2 Test Parameter	Column 3 Sampling Frequency	Column 4 Monitoring Location
Not Applicable	Not Applicable	Not Applicable	Not Applicable

Environmental Discharge Parameters

4.2 For each treatment subsystem or treatment subsystem component identified in column 1 of Table 7 and in addition to any other sampling, testing and monitoring that may be required, sampling, testing and monitoring shall be undertaken for a test parameter listed in column 2 using the sample type identified in column 3 at the sampling frequency listed in column 4 and at the monitoring location listed in column 5 of the same row.

4.3 For the purposes of Table 7:

4.3.1 Manual Composite means the mean of at least three grab samples taken during a discharge event, with one sample being taken immediately following the commencement of the discharge event, one sample being taken approximately at the mid-point of the discharge event and one sample being taken immediately before the end of the discharge event; and

4.3.2 Automated Composite means samples must be taken during a discharge event by an automated sampler at a minimum sampling frequency of once per hour.

4.4 Any sampling, testing and monitoring for the test parameter Total Suspended Solids shall be performed in accordance with the requirements set out in the publication "Standard Methods for the Examination of Water and Wastewater", 21st Edition, 2005, or as amended from time to time by more recently published editions.

Table 7: Environmental Discharge Parameters

Column 1 Treatment Subsystem or Treatment Subsystem Component Name	Column 2 Test Parameter	Column 3 Sample Type	Column 4 Sampling Frequency	Column 5 Monitoring Location
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

4.5 Pursuant to Condition 10 of Schedule B of this licence, the owner may undertake the following environmental discharges associated with the maintenance and/or repair of the drinking water system:

4.5.1 The discharge of potable water from a watermain to a road or storm sewer;

4.5.2 The discharge of potable water from a water storage facility or pumping station:

4.5.2.1 To a road or storm sewer; or

4.5.2.2 To a watercourse where the discharge has been dechlorinated and if necessary, sediment and erosion control measures have been implemented.

4.5.3 The discharge of dechlorinated non-potable water from a watermain, water storage facility or pumping station to a road or storm sewer;

4.5.4 The discharge of raw water from a groundwater well to the environment where if necessary, sediment and erosion control measures have been implemented; and

4.5.5 The discharge of raw water, potable water or non-potable water from a treatment subsystem to the environment where if necessary, the discharge has been dechlorinated and sediment and erosion control measures have been implemented.

5.0 Studies Required

5.1 Not Applicable

6.0 Source Protection

- 6.1 The Ward of Almonte and Municipality of Mississippi Mills has five Well Head Protection Areas (WHPA) and an Intake Protection Zone (IPZ) under Source Water Protection. The Mississippi-Rideau Source Protection Plan was approved by the MOECC on August 27, 2014 and in effect January 1, 2015.

Schedule D: Conditions for Relief from Regulatory Requirements

System Owner	The Corporation of the Municipality of Mississippi Mills
Licence Number	178-101
Drinking Water System Name	Mississippi Mills Drinking Water System
Schedule D Issue Date	February 22, 2018

1.0 Lead Regulatory Relief

- 1.1** Any relief from regulatory requirements previously authorized by the Director in respect of the drinking water system under section 38 of the SDWA in relation to the sampling, testing or monitoring requirements contained in Schedule 15.1 of O. Reg. 170/03 shall remain in force until such time as Schedule 15.1 of O. Reg. 170/03 is amended after June 1, 2009.

2.0 Other Regulatory Relief

- 2.1** Not Applicable.

Schedule E: Pathogen Log Removal/Inactivation Credits

System Owner	The Corporation of the Municipality of Mississippi Mills
Licence Number	178-101
Drinking Water System Name	Mississippi Mills Drinking Water System
Schedule E Issue Date	February 22, 2018

1.0 Primary Disinfection Pathogen Log Removal/Inactivation Credits

Municipal Well # 3

Well # 3 [GROUNDWATER]

Minimum Log Removal/ Inactivation Required	Cryptosporidium Oocysts	Giardia Cysts	Viruses
Municipal Well # 3	0	0	2

Log Removal/Inactivation Credits Assigned ^a	Cryptosporidium Oocysts	Giardia Cysts	Viruses
Chlorination [CT: Contact Tank]	-	-	2+

^a Log removal/inactivation credit assignment is based on each treatment process being fully operational and the applicable log removal/inactivation credit assignment criteria being met.

Treatment Component	Log Removal/Inactivation Credit Assignment Criteria
Chlorination	<ol style="list-style-type: none"> 1. Sampling and testing for free chlorine residual shall be carried out by continuous monitoring equipment in the treatment process at or near a location where the intended contact time has just been completed in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario; and 2. At all times, CT provided shall be greater than or equal to the CT required to achieve the log removal credits assigned.
Primary Disinfection Notes	

Municipal Well # 5

Well # 5 [GROUNDWATER]

Minimum Log Removal/ Inactivation Required	Cryptosporidium Oocysts	Giardia Cysts	Viruses
Municipal Well # 5	0	0	2

Log Removal/Inactivation Credits Assigned ^a	Cryptosporidium Oocysts	Giardia Cysts	Viruses
Chlorination [CT: Contact Chamber]	-	-	2+

^a Log removal/inactivation credit assignment is based on each treatment process being fully operational and the applicable log removal/inactivation credit assignment criteria being met.

Treatment Component	Log Removal/Inactivation Credit Assignment Criteria
Chlorination	<ol style="list-style-type: none"> 1. Sampling and testing for free chlorine residual shall be carried out by continuous monitoring equipment in the treatment process at or near a location where the intended contact time has just been completed in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario; and 2. At all times, CT provided shall be greater than or equal to the CT required to achieve the log removal credits assigned.
Primary Disinfection Notes	

Municipal Well # 6

Well # 6 [GROUNDWATER]

Minimum Log Removal/ Inactivation Required	Cryptosporidium Oocysts	Giardia Cysts	Viruses
Municipal Well # 6	0	0	2

Log Removal/Inactivation Credits Assigned ^a	Cryptosporidium Oocysts	Giardia Cysts	Viruses
Chlorination [CT: Contact Chamber]	-	-	2+

^a Log removal/inactivation credit assignment is based on each treatment process being fully operational and the applicable log removal/inactivation credit assignment criteria being met.

Treatment Component	Log Removal/Inactivation Credit Assignment Criteria
Chlorination	<ol style="list-style-type: none"> 1. Sampling and testing for free chlorine residual shall be carried out by continuous monitoring equipment in the treatment process at or near a location where the intended contact time has just been completed in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario; and 2. At all times, CT provided shall be greater than or equal to the CT required to achieve the log removal credits assigned.
Primary Disinfection Notes	

Municipal Well # 7, 8

Well # 7 and # 8 [GROUNDWATER]

Minimum Log Removal/ Inactivation Required	Cryptosporidium Oocysts	Giardia Cysts	Viruses
Municipal Well # 7, 8	0	0	2

Log Removal/Inactivation Credits Assigned ^a	Cryptosporidium Oocysts	Giardia Cysts	Viruses
Chlorination [CT: Contact Tank]	-	-	2+

^a Log removal/inactivation credit assignment is based on each treatment process being fully operational and the applicable log removal/inactivation credit assignment criteria being met.

Treatment Component	Log Removal/Inactivation Credit Assignment Criteria
Chlorination	<ol style="list-style-type: none"> 1. Sampling and testing for free chlorine residual shall be carried out by continuous monitoring equipment in the treatment process at or near a location where the intended contact time has just been completed in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario; and 2. At all times, CT provided shall be greater than or equal to the CT required to achieve the log removal credits assigned.
Primary Disinfection Notes	



DRINKING WATER WORKS PERMIT

Permit Number: 178-201

Issue Number: 4

Pursuant to the *Safe Drinking Water Act, 2002*, S.O. 2002, c. 32, and the regulations made thereunder and subject to the limitations thereof, this drinking water works permit is issued under Part V of the *Safe Drinking Water Act, 2002*, S.O. 2002, c. 32 to:

The Corporation of the Municipality of Mississippi Mills

**3131 Old Perth Road
Almonte, ON K0A 1A0**

For the following municipal residential drinking water system:

Mississippi Mills Drinking Water System

This drinking water works permit includes the following:

Schedule	Description
Schedule A	Drinking Water System Description
Schedule B	General
Schedule C	All documents issued as Schedule C to this drinking water works permit which authorize alterations to the drinking water system
Schedule D	Process Flow Diagrams

DATED at TORONTO this 22nd day of February, 2018

Signature

Aziz Ahmed, P.Eng.
Director
Part V, *Safe Drinking Water Act, 2002*

Schedule A: Drinking Water System Description

System Owner	The Corporation of the Municipality of Mississippi Mills
Permit Number	178-201
Drinking Water System Name	Mississippi Mills Drinking Water System
Schedule A Issue Date	February 22, 2018

1.0 System Description

- 1.1 The following is a summary description of the works comprising the above drinking water system:

Overview

The **Mississippi Mills Drinking Water System** is a groundwater system that consists of five (5) drilled wells, four (4) treatment plants and one (1) elevated storage tank, and approximately 34 km kilometers of watermains with diameters of 250 mm or smaller. sodium hypochlorite is used for disinfection

Mississippi Mills Drinking Water System

Groundwater Wells

Municipal Well # 3

Street Address	Lot 16, Concession 10, approximately 60m north of Ottawa Street and Harold Street
UTM Coordinates	NAD 83: UTM Zone 18, 406644.00 mE, 5009261.00 mN
System Type	Non-GUDI
Dimensions	250mm diameter, 47.5m deep
Description	Drilled groundwater, pumphouse, and appurtenances. Pumphouse is vented weather tight masonry block and brick pumphouse
Equipment	Vertical turbine pump rated 9.6 L/s at 70.7 m TDH Sodium hypochlorite solution storage tank with containment Two sodium hypochlorite feed pumps (duty and standby) with feed lines discharging into the feeder main near the well intake. Monitoring equipment for Mississippi Mills Drinking Water System with data acquisition including various in-line analyzer and monitors 28 m by 900mm-diameter chlorine contact chamber and associated fittings.
Disinfection	Disinfection is achieved through injection of sodium hypochlorite into the feeder main prior to the treated water being discharged into a chlorine contact tank.
Standby Power	None
Notes	

Municipal Well # 5

Street Address	Lot 16, Concession 8, located with the existing yard of the Ward of Almonte Municipal Garage and northwest of Almonte and Christian Street
UTM Coordinates	NAD 83: UTM Zone 18, 405191.00mE, 5007850.00 mN
System Type	Non-GUDI
Dimensions	203mm diameter, 38.1m deep
Description	Drilled groundwater well, pumphouse and appurtenances. All equipment enclosed in a cement block and aluminium clad vented watertight pumphouse
Equipment	Submersible pump rated 7.7 L/s at 120.18 m TDH
	Sodium hypochlorite solution storage tank with containment
	Two sodium hypochlorite feed pumps (duty and standby) with feed lines discharging into the feeder main near the well intake.
	Monitoring equipment for Mississippi Mills Drinking Water System with data acquisition including various in-line analyzer and monitors
	27 m by 900mm-diameter chlorine contact chamber and associated fittings.
Disinfection	Disinfection is achieved through injection of 12% sodium hypochlorite into the feeder main prior to the treated water being discharged into a chlorine contact tank.
Standby Power	None
Notes	

Municipal Well # 6

Street Address	Concession 9, located to the north of Peacock/Naismith Drive
UTM Coordinates	NAD 83: UTM Zone 18, 405550.00 mE, 5007754.00 mN
System Type	Non-GUDI
Dimensions	254mm diameter, 48.8m deep
Description	Drilled groundwater well, pumphouse and appurtenances. Pumphouse is a cement block and wood clad vented and watertight.
Equipment	Vertical turbine pump rated 22.7 L/s at 101.2 m TDH
	Sodium hypochlorite solution storage tank with containment
	Two sodium hypochlorite feed pumps (duty and standby) with feed lines discharging into the feeder main near the well intake.
	Monitoring equipment for Mississippi Mills Drinking Water System with data acquisition including various in-line analyzer and monitors
	Two chlorine contact chambers arranged in series each measuring 32.5 m by 900mm-diameter and associated fittings.
Disinfection	Disinfection is achieved through injection of 12% sodium hypochlorite into the feeder main prior to the treated water being discharged into a chlorine contact tank.
Standby Power	None
Notes	

Municipal Well # 7, 8

Street Address	Lot 15, Concession 11, approximately 35m east of the intersection of Paterson Street and Tatra Street
UTM Coordinates	Well 7-NAD 83: UTM Zone 18, 407294.00 mE, 5008906.00 mN; Well 8-NAD83: UTM Zone 18, 407297.00 mE, 5008906.00 mN
System Type	Non-GUDI
Dimensions	Both 254mm diameter, 79.2m deep
Description	Drilled groundwater wells, pumphouse and appurtenances. The single pumphouse is a cement block and aluminum clad vented and watertight.
Equipment	Well 7 is equipped with a vertical turbine pump rated 44.81 L/s at 69.0 metres TDH and complete with variable frequency drive (VFD). Well 8 is equipped with a vertical turbine pump rated 44.81 L/s at 69.0 metres TDH and complete with VFD. Both pumps are located on top of their well casings.
	Two sodium hypochlorite solution storage tanks (one for each well) with containment
	Four sodium hypochlorite feed pumps, two (duty and standby) for each well
	Monitoring equipment for Mississippi Mills Drinking Water System with data acquisition including various in-line analyzer and monitors
	Two chlorine contact chambers arranged in series each measuring 33m by 1,200mm-diameter and associated fittings.
Disinfection	Disinfection is achieved through injection of sodium hypochlorite into the feeder main of each well prior to the treated water being discharged into the chlorine contact tanks.
Standby Power	None (panel for temporary hookup of an emergency portable generator)
Notes	

Elevated Storage Tanks

Location	Lot 15, Concession 11, located east of the intersection of Patterson Street and Tatra Street
UTM Coordinates	NAD83: UTM Zone 18, 407320.00 mE, 5008890.00 mN
Description	A single elevated water storage tank for water distribution of Ward of Almonte, incorporated in Town of Mississippi Mills located adjacent to the pumphouse of Well 7 and 8
	Designed for fire storage, equalization storage and emergency storage
Dimensions	Operating storage capacity of 2,840 m ³ at TWL of 180.7 m
Notes	

Watermains

1.2 Watermains within the distribution system comprise:

1.2.1 Watermains that have been set out in each document or file identified in column 1 of Table 1.

Table 1: Watermains	
Document or File Name	Date
WaterDistSystem_MOE_End 2014_Rev5.pdf	December 2014

1.2.2 Watermains that have been added, modified, replaced or extended further to the provisions of Schedule C of this drinking water works permit on or after the date identified in column 2 of Table 1 for each document or file identified in column 1.

1.2.3 Watermains that have been added, modified, replaced or extended further to an authorization by the Director on or after the date identified in column 2 of Table 1 for each document or file identified in column 1.

Schedule B: General

System Owner	The Corporation of the Municipality of Mississippi Mills
Permit Number	178-201
Drinking Water System Name	Mississippi Mills Drinking Water System
Schedule B Issue Date	February 22, 2018

1.0 Applicability

- 1.1 In addition to any other requirements, the drinking water system identified above shall be altered and operated in accordance with the conditions of this drinking water works permit and the licence.
- 1.2 The definitions and conditions of the licence shall also apply to this drinking water works permit.

2.0 Alterations to the Drinking Water System

- 2.1 Any document issued by the Director as a Schedule C to this drinking water works permit shall provide authority to alter the drinking water system in accordance, where applicable, with the conditions of this drinking water works permit and the licence.
- 2.2 All Schedule C documents issued by the Director for the drinking water system shall form part of this drinking water works permit.
- 2.3 All parts of the drinking water system in contact with drinking water which are:
 - 2.3.1 Added, modified, replaced, extended; or
 - 2.3.2 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:
 - a) The ministry's Watermain Disinfection Procedure, effective no later than 2nd of February, 2017;
 - b) AWWA C652 – Standard for Disinfection of Water-Storage Facilities;
 - c) AWWA C653 – Standard for Disinfection of Water Treatment Plants; and
 - d) AWWA C654 – Standard for Disinfection of Wells.
- 2.4 The owner shall notify the Director within thirty (30) days of the placing into service or the completion of any addition, modification, replacement or extension of the drinking water system which had been authorized through:
 - 2.4.1 Schedule B to this drinking water works permit which would require an alteration of the description of a drinking water system component described in Schedule A of this drinking water works permit;

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- 2.4.2 Any Schedule C to this drinking water works permit respecting works other than watermains; or
- 2.4.3 Any approval issued prior to the issue date of the first drinking water works permit respecting works other than watermains which were not in service at the time of the issuance of the first drinking water works permit.
- 2.5** For greater certainty, the notification requirements set out in condition 2.4 do not apply to any addition, modification, replacement or extension in respect of the drinking water system which:
- 2.5.1 Is exempt from subsection 31(1) of the SDWA by subsection 9.(2) of O. Reg. 170/03;
- 2.5.2 Constitutes maintenance or repair of the drinking water system; or
- 2.5.3 Is a watermain authorized by condition 3.1 of Schedule B of this drinking water works permit.
- 2.6** The owner shall notify the legal owner of any part of the drinking water system that is prescribed as a municipal drinking water system by section 2 of O. Reg. 172/03 of the requirements of the licence and this drinking water works permit as applicable to the prescribed system.
- 2.7** For greater certainty, any alteration to the drinking water system made in accordance with this drinking water works permit may only be carried out after other legal obligations have been complied with including those arising from the *Environmental Assessment Act*, *Niagara Escarpment Planning and Development Act*, *Oak Ridges Moraine Conservation Act, 2001* and *Greenbelt Act, 2005*.

3.0 Watermain Additions, Modifications, Replacements and Extensions

- 3.1** The drinking water system may be altered by adding, modifying, replacing or extending a watermain within the distribution system subject to the following conditions:
- 3.1.1 The design of the watermain addition, modification, replacement or extension:
- a) Has been prepared by a Professional Engineer;
 - b) Has been designed only to transmit water and has not been designed to treat water;
 - c) Satisfies the design criteria set out in the Ministry of the Environment and Climate Change publication "Watermain Design Criteria for Future Alterations Authorized under a Drinking Water Works Permit – June 2012", as amended from time to time; and
 - d) Is consistent with or otherwise addresses the design objectives contained within the Ministry of the Environment and Climate Change publication "Design Guidelines for Drinking Water Systems, 2008", as amended from time to time.

-
- 3.1.2 The maximum demand for water exerted by consumers who are serviced by the addition, modification, replacement or extension of the watermain will not result in an exceedance of the rated capacity of a treatment subsystem or the maximum flow rate for a treatment subsystem component as specified in the licence, or the creation of adverse conditions within the drinking water system.
 - 3.1.3 The watermain addition, modification, replacement or extension will not adversely affect the distribution system's ability to maintain a minimum pressure of 140 kPa at ground level at all points in the distribution system under maximum day demand plus fire flow conditions.
 - 3.1.4 Secondary disinfection will be provided to water within the added, modified, replaced or extended watermain to meet the requirements of O. Reg. 170/03.
 - 3.1.5 The watermain addition, modification, replacement or extension is wholly located within the municipal boundary over which the owner has jurisdiction.
 - 3.1.6 The owner of the drinking water system consents in writing to the watermain addition, modification, replacement or extension.
 - 3.1.7 A Professional Engineer has verified in writing that the watermain addition, modification, replacement or extension meets the requirements of condition 3.1.1.
 - 3.1.8 The owner of the drinking water system has verified in writing that the watermain addition, modification, replacement or extension meets the requirements of conditions 3.1.2 to 3.1.6.
- 3.2** The authorization for the addition, modification, replacement or extension of a watermain provided for in condition 3.1 does not include the addition, modification, replacement or extension of a watermain that:
- 3.2.1 Passes under or through a body of surface water, unless trenchless construction methods are used;
 - 3.2.2 Has a nominal diameter greater than 750 mm;
 - 3.2.3 Results in the fragmentation of the drinking water system; or
 - 3.2.4 Connects to another drinking water system, unless:
 - a) Prior to construction, the owner of the drinking water system seeking the connection obtains written consent from the owner or owner's delegate of the drinking water system being connected to; and
 - b) The owner of the drinking water system seeking the connection retains a copy of the written consent from the owner or owner's delegate of the drinking water system being connected to as part of the record that is recorded and retained under condition 3.3.

- 3.3** The verifications required in conditions 3.1.7 and 3.1.8 shall be:
- 3.3.1 Recorded on “Form 1 – Record of Watermains Authorized as a Future Alteration”, as published by the Ministry of the Environment and Climate Change, prior to the watermain addition, modification, replacement or extension being placed into service; and
 - 3.3.2 Retained for a period of ten (10) years by the owner.
- 3.4** For greater certainty, the verification requirements set out in condition 3.3 do not apply to any addition, modification, replacement or extension in respect of the drinking water system which:
- 3.4.1 Is exempt from subsection 31(1) of the SDWA by subsection 9.(2) of O. Reg. 170/03; or
 - 3.4.2 Constitutes maintenance or repair of the drinking water system.
- 3.5** The document or file referenced in Column 1 of Table 1 of Schedule A of this drinking water works permit that sets out watermains shall be retained by the owner and shall be updated to include watermain additions, modifications, replacements and extensions within 12 months of the addition, modification, replacement or extension.
- 3.6** The updates required by condition 3.5 shall include watermain location relative to named streets or easements and watermain diameter.

4.0 Minor Modifications to the Drinking Water System

- 4.1** The drinking water system may be altered by adding, modifying or replacing the following components in the drinking water system:
- 4.1.1 Raw water pumps and treatment process pumps in the treatment system;
 - 4.1.2 Coagulant feed systems in the treatment system, including the location and number of dosing points;
 - 4.1.3 Valves;
 - 4.1.4 Instrumentation and controls, including SCADA systems, and software associated with these devices;
 - 4.1.5 Filter media, backwashing equipment and under-drains in the treatment system; or,
 - 4.1.6 Spill containment works.
- 4.2** The drinking water system may be altered by adding, modifying, replacing or removing the following components in the drinking water system:
- 4.2.1 Treated water pumps and associated equipment;
 - 4.2.2 Re-circulation devices within distribution system storage facilities;

-
- 4.2.3 In-line mixing equipment;
 - 4.2.4 Chemical metering pumps and chemical handling pumps;
 - 4.2.5 Chemical storage tanks (excluding fuel storage tanks) and associated equipment; or,
 - 4.2.6 Measuring and monitoring devices that are not required by regulation, by a condition in the Drinking Water Works Permit, or by a condition otherwise imposed by the Ministry of the Environment and Climate Change.
- 4.3** The drinking water system may be altered by replacing the following:
- 4.3.1 Raw water piping, treatment process piping or treated water piping within the treatment subsystem;
 - 4.3.2 Fuel storage tanks and spill containment works, and associated equipment; or
 - 4.3.3 Coagulants and pH adjustment chemicals, where the replacement chemicals perform the same function;
 - a) Prior to making any alteration to the drinking water system under condition 4.3.3, the owner shall undertake a review of the impacts that the alteration might have on corrosion control or other treatment processes; and
 - b) The owner shall notify the Director in writing within thirty (30) days of any alteration made under condition 4.3.3 and shall provide the Director with a copy of the review.
- 4.4** Any alteration of the drinking water system made under conditions 4.1, 4.2 or 4.3 shall not result in:
- 4.4.1 An exceedance of a treatment subsystem rated capacity or a treatment subsystem component maximum flow rate as specified in the licence;
 - 4.4.2 The bypassing of any unit process within a treatment subsystem;
 - 4.4.3 A deterioration in the quality of drinking water provided to consumers;
 - 4.4.4 A reduction in the reliability or redundancy of any component of the drinking water system;
 - 4.4.5 A negative impact on the ability to undertake compliance and other monitoring necessary for the operation of the drinking water system; or
 - 4.4.6 An adverse effect on the environment.
- 4.5** The owner shall verify in writing that any addition, modification, replacement or removal of drinking water system components in accordance with conditions 4.1, 4.2 or 4.3 has met the requirements of the conditions listed in condition 4.4.

- 4.6** The verifications and documentation required in condition 4.5 shall be:
- 4.6.1 Recorded on “Form 2 – Record of Minor Modifications or Replacements to the Drinking Water System”, as published by the Ministry of the Environment and Climate Change, prior to the modified or replaced components being placed into service; and
 - 4.6.2 Retained for a period of ten (10) years by the owner.
- 4.7** For greater certainty, the verification requirements set out in conditions 4.5 and 4.6 do not apply to any addition, modification, replacement or removal in respect of the drinking water system which:
- 4.7.1 Is exempt from subsection 31(1) of the SDWA by subsection 9.(2) of O. Reg. 170/03; or
 - 4.7.2 Constitutes maintenance or repair of the drinking water system.
- 4.8** The owner shall update any drawings maintained for the drinking water system to reflect the modification or replacement of the works, where applicable.

5.0 Equipment with Emissions to the Air

- 5.1** The drinking water system may be altered by adding, modifying or replacing any of the following drinking water system components that may discharge or alter the rate or manner of a discharge of a compound of concern to the atmosphere:
- 5.1.1 Any equipment, apparatus, mechanism or thing that is used for the transfer of outdoor air into a building or structure that is not a cooling tower;
 - 5.1.2 Any equipment, apparatus, mechanism or thing that is used for the transfer of indoor air out of a space used for the production, processing, repair, maintenance or storage of goods or materials, including chemical storage;
 - 5.1.3 Laboratory fume hoods used for drinking water testing, quality control and quality assurance purposes;
 - 5.1.4 Low temperature handling of compounds with a vapor pressure of less than 1 kilopascal;
 - 5.1.5 Maintenance welding stations;
 - 5.1.6 Minor painting operations used for maintenance purposes;
 - 5.1.7 Parts washers for maintenance shops;
 - 5.1.8 Emergency chlorine and ammonia gas scrubbers and absorbers;
 - 5.1.9 Venting for activated carbon units for drinking water taste and odour control;
 - 5.1.10 Venting for a stripping unit for methane removal from a groundwater supply;
 - 5.1.11 Venting for an ozone treatment unit;

- 5.1.12 Natural gas or propane fired boilers, water heaters, space heaters and make-up air units with a total facility-wide heat input rating of less than 20 million kilojoules per hour, and with an individual fuel energy input of less than or equal to 10.5 gigajoules per hour; or
- 5.1.13 Emergency generators that fire No. 2 fuel oil (diesel fuel) with a sulphur content of 0.5 per cent or less measured by weight, natural gas, propane, gasoline or biofuel, and that are used for emergency duty only with periodic testing.
- 5.2** The owner shall not add, modify or replace a drinking water system component set out in condition 5.1 for an activity that is not directly related to the treatment and/or distribution of drinking water.
- 5.3** The emergency generators identified in condition 5.1.13 shall not be used for non-emergency purposes including the generation of electricity for sale or for peak shaving purposes.
- 5.4** The owner shall prepare an emission summary table for nitrogen oxide emissions only, for each addition, modification or replacement of emergency generators identified in condition 5.1.13.

Performance Limits

- 5.5** The owner shall ensure that a drinking water system component identified in conditions 5.1.1 to 5.1.13 is operated at all times to comply with the following limits:
- 5.5.1 For equipment other than emergency generators, the maximum concentration of any compound of concern at a point of impingement shall not exceed the corresponding point of impingement limit;
- 5.5.2 For emergency generators, the maximum concentration of nitrogen oxides at sensitive populations shall not exceed the applicable point of impingement limit, and at non-sensitive populations shall not exceed the Ministry of the Environment and Climate Change half-hourly screening level of 1880 ug/m³ as amended; and
- 5.5.3 The noise emissions comply at all times with the limits set out in publication NPC-300, as applicable.
- 5.6** The owner shall verify in writing that any addition, modification or replacement of works in accordance with condition 5.1 has met the requirements of the conditions listed in condition 5.5.
- 5.7** The owner shall document how compliance with the performance limits outlined in condition 5.5.3 is being achieved, through noise abatement equipment and/or operational procedures.
- 5.8** The verifications and documentation required in conditions 5.6 and 5.7 shall be:
- 5.8.1 Recorded on "Form 3 – Record of Addition, Modification or Replacement of Equipment Discharging a Contaminant of Concern to the Atmosphere", as published by the Ministry of the Environment and Climate Change, prior to the additional, modified or replacement equipment being placed into service; and

5.8.2 Retained for a period of ten (10) years by the owner.

5.9 For greater certainty, the verification and documentation requirements set out in conditions 5.6 and 5.8 do not apply to any addition, modification or replacement in respect of the drinking water system which:

5.9.1 Is exempt from subsection 31(1) of the SDWA by subsection 9.(2) of O. Reg. 170/03; or

5.9.2 Constitutes maintenance or repair of the drinking water system.

5.10 The owner shall update any drawings maintained for the works to reflect the addition, modification or replacement of the works, where applicable.

6.0 Previously Approved Works

6.1 The owner may add, modify, replace or extend, and operate part of a municipal drinking water system if:

6.1.1 An approval was issued after January 1, 2004 under section 36 of the SDWA in respect of the addition, modification, replacement or extension and operation of that part of the municipal drinking water system;

6.1.2 The approval expired by virtue of subsection 36(4) of the SDWA; and

6.1.3 The addition, modification, replacement or extension commenced within five years of the date that activity was approved by the expired approval.

7.0 System-Specific Conditions

7.1 The following are authorized under this permit:

Not Applicable

8.0 Source Protection

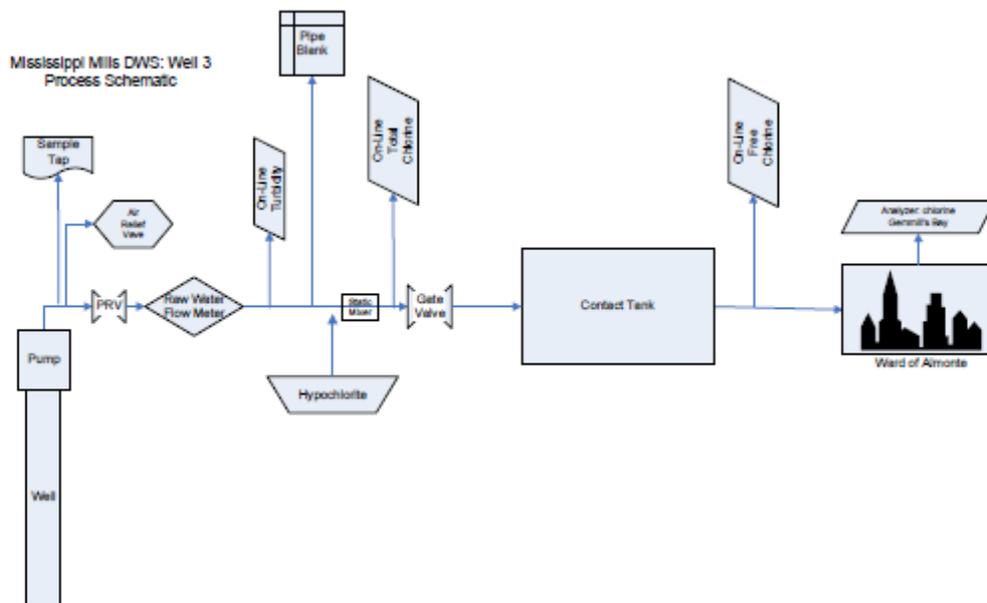
8.1 The Ward of Almonte and Municipality of Mississippi Mills has five Well Head Protection Areas (WHPA) and an Intake Protection Zone (IPZ) under Source Water Protection. The Mississippi-Rideau Source Protection Plan was approved by the MOECC on August 27, 2014 and in effect January 1, 2015.

Schedule D: Process Flow Diagrams

System Owner	The Corporation of the Municipality of Mississippi Mills
Permit Number	178-201
Drinking Water System Name	Mississippi Mills Drinking Water System
Schedule D Issue Date	February 22, 2018

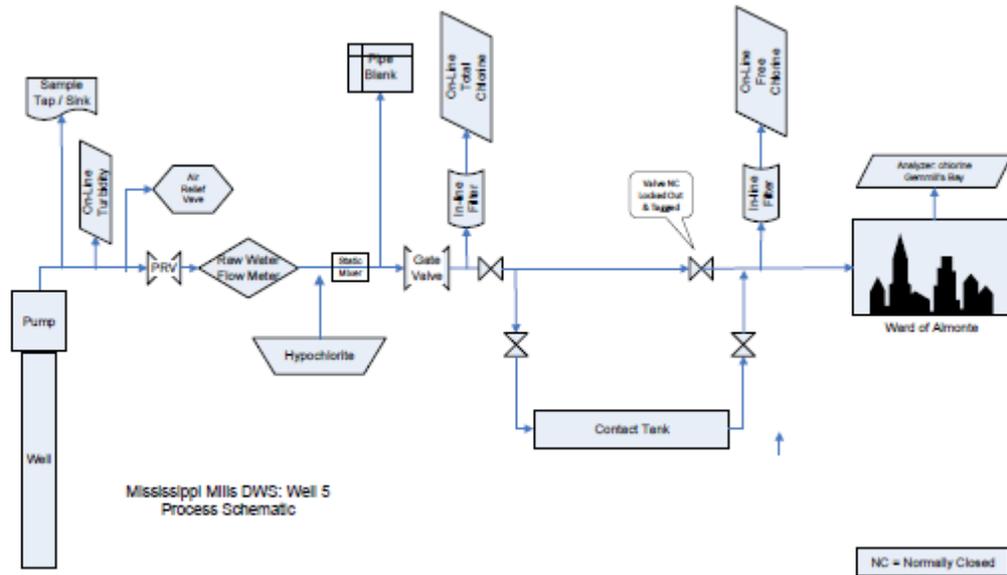
1.0 Process Flow Diagrams

Municipal Well 3



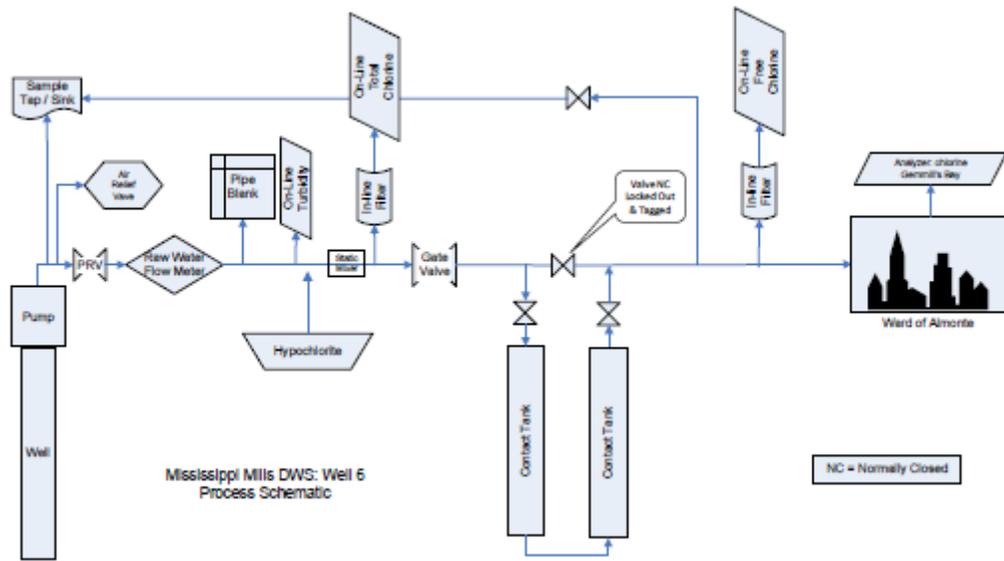
[Source: Operational Plan, Revision 1, 15 January 2016]

Municipal Well 5



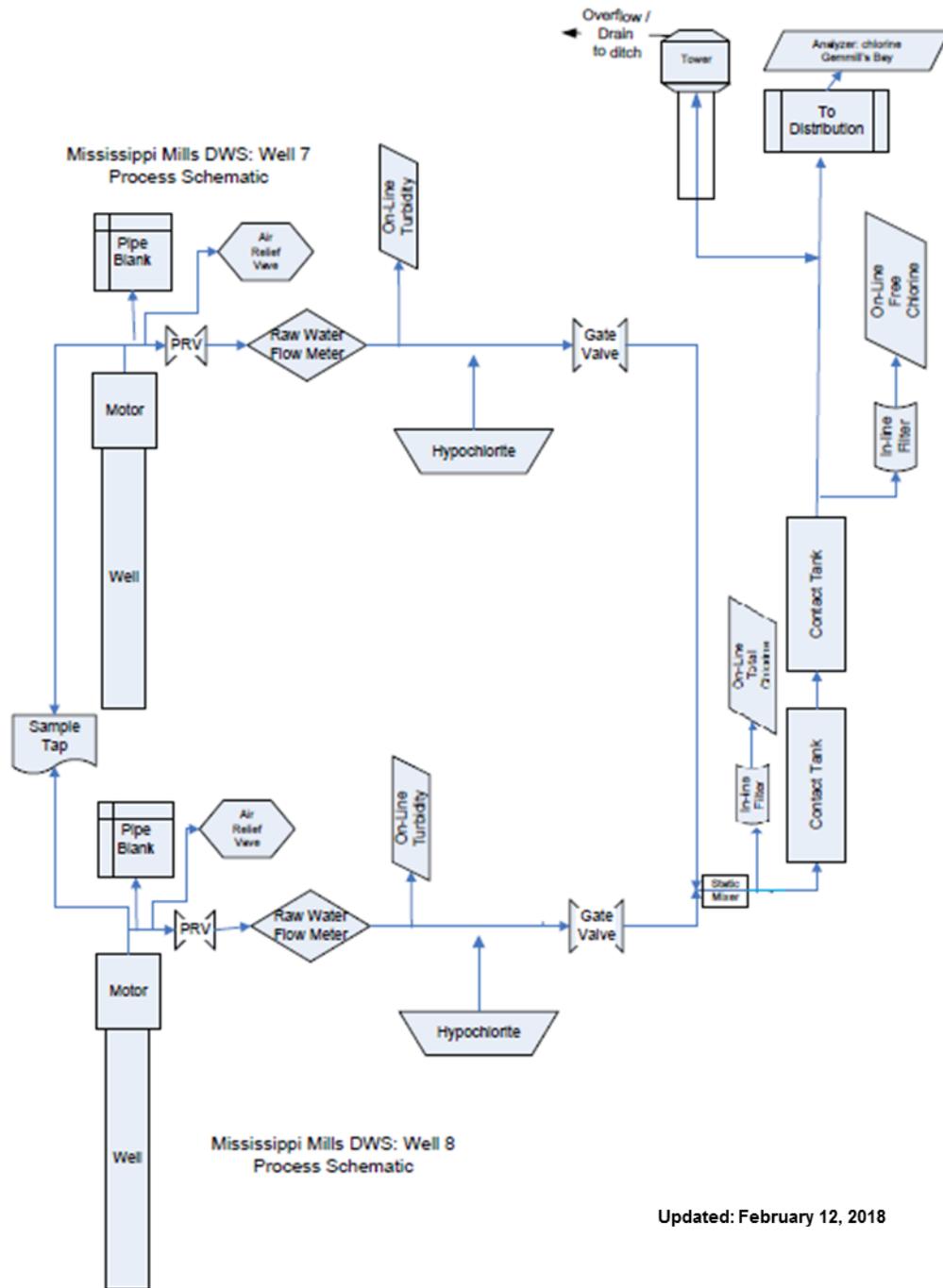
[Source: Operational Plan, Revision 1, 15 January 2016]

Municipal Well 6



[Source: Operational Plan, Revision 1, 15 January 2016]

Municipal Wells 7 and 8



[Source: Received by email on 12 February, 2017]

Lanark County outlines construction projects for 2018

In 2018, the Lanark County Public Works department plans to complete pavement preservation on 57.3 kilometres of roads, with rehabilitation and paved shoulders scheduled for 29.7 km.

The total construction budget for this year is \$7.75 million, with federal gas tax funding covering \$1.81 million and \$310,000 covered by Ontario Community Infrastructure Fund funding.

“Each year the county assesses the entire road system,” explains Terry McCann, public works director. “We develop a list of priorities as part of a five-year planning process, which is approved by county council.” The county oversees construction, operation, repair and maintenance on more than 560 km of roads and 82 bridge and culvert structures.

“We are continuing with our program to pave shoulders on all county roads over time,” Mr. McCann added. He noted Montague Township has a grant to complete work on Matheson Drive to Smiths Falls next year. “With work being completed in that area by the county this year, a loop of paved shoulders will be created.”

“Our roads and bridges are one of our biggest assets in Lanark County,” said Warden John Fenik (Perth Mayor). “It is critical that we maintain our infrastructure at a high standard, but we must also be fiscally prudent and consider the financial impact for our ratepayers. Public safety, quality of life and economy are priorities when we reinvest in our infrastructure.”

Projects for 2018 include:

County Road 17 (Appleton Side Road): Thomas Cavanagh Construction Limited will be pulverizing and repaving 7.3 km from Cavanagh Road to County Road 11 (River Road) and resurfacing from McCuan Road to 9th Line. Paved shoulders are part of this part of this project. Work is scheduled from April 30 to June 8 at a cost of \$1.1 million.

County Road 4 (Roger Stevens Drive): G. Tackaberry & Sons Construction Company Limited is slated to do work on 6 km. The first kilometre is micro-resurfacing from Rideau Avenue to Code Drive. Shoulders are already paved. From Code Drive to County Road 23 (Rosedale Road South) is resurfacing with paved shoulders. Roger Stevens Drive will then have paved shoulders from Rideau Avenue to Rosedale Road South. Work is planned from July 16 to Aug. 3 at a cost of \$485,000.

County Road 23 (Rosedale Road South): From Aug. 7 to 31, G. Tackaberry & Sons Construction Company Limited is slated to pulverize, add granular, complete drainage work and repave 3.4 km from Bristow Drive to Matheson Drive at a cost of \$505,000. From Matheson Drive to Roger Stevens Drive it will be resurfaced with paved shoulders completed, which finishes paved shoulders for its full length.

County Road 8 (Watsons Corners Road): Crains Construction Limited is scheduled to pulverize, add granular, complete drainage work and apply double surface treatment with paved shoulders on 4 km from Dalhousie Lake Bridge to 6th Concession A Dalhousie from Aug. 7 to Sept. 7 at a cost of

\$593,000.

County Road 16 (Wolf Grove Road): Thomas Cavanagh Construction Limited is scheduled to pulverize, add granular, complete drainage work and apply warm mix paving with paved shoulders to 2.8 km from County Road 9 (Tatlock Road) to 12th Concession C Lanark June 6 to July 13 at a cost of \$631,000.

County Road 6 (Althorpe Road): G. Tackaberry & Sons Construction Company Limited has the contract to pulverize, add granular, conduct drainage work and apply double surface treatment with paved shoulders from 1 km west of Hanna Road for 3km from June 18 to Aug. 3 at a cost of \$454,000.

County Road 21 (Lally Road): Pending permits from the Ministry of Natural Resources and Forestry, gravel will be applied to 3 km inside Murphys Point Provincial Park, along with culverts, drainage, and some rock removal. Surface treatment will not take place this year. A tender is expected to be issued in July.

Ashton Bridge: Major rehabilitation is planned for the Ashton Bridge. The work is to be completed in partnership (50/50) with the City of Ottawa, which will be letting the tender.

Culvert Replacement: A total of 15 culverts will be replaced on County Roads 4, 17, 22, 29, 36, 43 and 511 from May 7 to Aug. 3 by Arnott Brothers Construction Ltd. at a cost of \$86,000 and Goldie Mohr Ltd. for \$156,000.

Traffic Signal Upgrades: From May 7 to Aug. 31, will upgrade traffic signals in Carleton Place at Joseph Street at Townline Road, Bridge Street at Townline Road, Patterson Street at McNeely Avenue and the Walmart entrance at McNeely Avenue at a cost of \$150,000. (This contract will be awarded at the May 9 council meeting.)

Microsurfacing: This pavement preservation work is scheduled to take place from June 4 to Aug. 31 on County Roads 1, 4, 6, 16, 19, 22, 24, 29 and 36 by Miller Paving at a cost of \$1.4 million.

Mr. McCann notes traffic may be reduced to one lane periodically during these projects and asks motorists to obey all signs and traffic control personnel during construction to ensure the safety of workers and the public. "We regret any inconvenience or disruption to traffic that may be caused."

Also watch for the county's public works crews cleaning bridges and conducting roadside mowing, pothole patching and sign repairs throughout the summer. Regular road maintenance activities through other contracts throughout the season include ditching, brushing, crack sealing, line painting and safety barrier repairs.

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For more information, contact:

Terry McCann

Director of Public Works

County of Lanark

1-888-9-LANARK, ext. 3190

Here are the highlights from the regular Lanark County Council meeting held Wednesday, April 25.

- **Council Sets 2018 Taxation Policies:** Council has passed by-laws related to 2018 taxation policy, including tax ratios, as well as the levy apportionment to local municipalities. In December, council passed its budget with a levy of \$33.3 million and a net tax increase of 1.4 per cent, which is collected through the towns and townships. CAO Kurt Greaves explained at a corporate services committee meeting earlier this month that council apportions the tax burden between the various tax classes, determines how much of the levy comes from each municipality and decides on the mandatory continuation of tax protection (capping) for the commercial and industrial tax classes. When the levy is established, council then sets tax ratios, which distribute taxes between the various classes (e.g. industrial, commercial, residential). “This is done in consultation with local municipal treasurers, and the recommendation is to adopt revenue neutral tax ratios to ensure reassessment does not shift the tax burden between the tax classes,” Mr. Greaves said. The county will refund the its portion of landfill taxation to local municipalities, which was a new property tax and tax ratio introduced last year. Mr. Greaves noted the number of properties affected by the capping rebates following reassessment has declined steadily since 2009, with only nine properties in 2017. The capping by-law includes all provisions available to reduce the number of capped properties. The county portion of the tax bill is only one of three components on the tax bill, with the local municipality and education portion making up the balance. For more information, contact Kurt Greaves, County CAO, at 1-888-9-LANARK, ext. 1101.

- **Change to Inaugural Meeting Process:** Council has approved an amendment to the procedural by-law that changes the inaugural meeting process to include a nomination period for the position of warden and committee chairs effective this year. At a corporate services committee meeting last month, Clerk Leslie Drynan outlined the process, which varies depending on whether it is a municipal election year. In a non-municipal election year, nomination forms will be provided to councillors on Oct. 1 for the position of warden and/or committee chair(s). The forms require signatures of the nominee and two county councillors (as mover and seconder) and must be submitted to the clerk at the first regular council meeting in October. At the second regular meeting in October, council will receive a report on valid nominations. If an election is needed, voting will take place by secret ballot at the first meeting in November. The official swearing-in of the warden and chairs occurs at the inaugural meeting held each year on the first Tuesday in December. In a municipal election year, the forms would be provided to the certified newly elected head and deputy head of council in each of the local municipalities. Nominations close Nov. 15 and the forms require the signatures of the nominee and two members of county council-elect. The nomination report will be provided at the second meeting in November, with an acclamation or an election by secret ballot occurring at the inaugural meeting after declarations of office have been made by the councillors. For more information, contact Leslie Drynan, Clerk, at 1-888-9-LANARK, ext. 1502.

- **Upcoming Meetings: County Council, Wednesday, May 9, 5 p.m.;** Community Services, May 9 (following County Council); Corporate Services, May 9 (following Community Services). **County Council, Wednesday, May 23, 5 p.m.;** Public Works, May 23 (following County Council); Economic Development, May 23 (following Public Works). All meetings are in Council Chambers unless otherwise noted. For more information, contact 1-888-9-LANARK, ext. 1502. Like "LanarkCounty1" on Facebook and follow "@LanarkCounty1" on Twitter!

FOR IMMEDIATE RELEASE

April 24, 2018

Province supports project tackling cellular dead zones across Eastern Ontario
Mobile broadband critical to regional growth

The Eastern Ontario Wardens' Caucus and Eastern Ontario Regional Network (EORN) welcomed the Ontario Government's commitment of \$71 million to improve cell service across the region. Ontario Rural Affairs Minister Jeff Leal announced the funding formally at an event in Belleville yesterday.

EORN has proposed a \$213 million public-private partnership to improve both the reach and quality of cellular data services in the region. The federal government and the private sector are also being asked to support the project.

EORN submitted a detailed business case for cell expansion to the federal and provincial governments in May 2017. The project is expected to create 3,000 full-time equivalent jobs over 10 years and spur \$420 million in new business revenue.

According to an engineering study commissioned by EORN:

- About one quarter of the area where there are homes, businesses or major roads in the region cannot access any cellular services.
- Depending on the cell carrier, nearly two-thirds of the area doesn't have enough capacity to provide high quality mobile broadband service given growing demand.

The gaps are the result of market failure. Rural areas don't generate enough revenue for cell carriers to build adequate services. The CRTC recently designated both mobile and fixed broadband as basic services for all Canadians. A public-private partnership would reduce carriers' infrastructure costs, creating a stronger business case to improve services and meet the CRTC's basic services goals.

About EORN and EOWC

The Eastern Ontario Wardens' Caucus (EOWC) is comprised of 13 members across rural Eastern Ontario, including 11 regional County municipalities and two Single-tier municipalities. It represents the interests and shared goals of 750,000 people in 103 rural municipalities.

EORN, a non-profit created by the EOWC, helped to improve broadband access to nearly 90% of Eastern Ontario through a \$175 million fixed broadband network funded by the federal, provincial and municipal governments and private sector service providers. It works with governments and community organizations to improve and leverage broadband access to fuel economic development and growth across the region.

(more)

Quotes

“This commitment from the province is a great vote of confidence in the project. EORN is building on the investment we’ve already made in fibre optics across the region to close the gap in cell services and improve economic growth, quality of life and public safety.”

- *EORN Chair J. Murray Jones*

“Funding for this project has been the EOWC’s number one priority. The demand for mobile data is growing exponentially, but our region is deeply lacking the needed infrastructure to keep up. We thank Minister Leal, and Minister of Infrastructure Bob Chiarelli, for their support and for advocating for this project at the federal level. Eastern Ontario’s future is at stake.”

- *EOWC Chair Robin Jones*

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For more information, contact:

Lisa Severson, Communications and Stakeholder Relations Officer

Tel: 613-213-8520

Email: Lseverson@eorn.ca

EOLC receives funding to advance Regional Economic Strategy

Belleville, April 24, 2018 – The [Eastern Ontario Leadership Council](#) (EOLC), a multi-organization partnership tasked with advancing regional economic development opportunities, welcomes the announcement from the Province of Ontario on the \$135,000 funding grant to refresh and plan for implementation of the *Eastern Ontario Economic Development Strategy*.

Minister Jeff Leal, of the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA), joined numerous elected officials and economic development partners from across Eastern Ontario during the announcement held Monday in the County of Hastings' Council Chambers. With Eastern Ontario being the first region in Ontario to undertake this endeavour as part of the Province's regional economic development planning process, the Ministry of Economic Development and Growth (MEDG) is providing the funding and any required project support.

The EOLC consists of five major partners that together represent the various sectors across the region: the Eastern Ontario Wardens' Caucus, the Eastern Ontario Mayors' Caucus, the Eastern Ontario Regional Network, the Ontario East Economic Development Commission, and Community Futures Ontario East. The partnership was launched in 2015 following the release of the initial regional *Strategy*, designed to tackle issues regarding the economic performance of the region and pursue opportunities to maintain and enhance its economic prosperity.

This funding will advance the EOLC's ongoing work, which began in 2016 with the creation of three working groups. These groups are responsible for implementation planning and priority setting, while engaging a broad cross-section of public and private sector stakeholders. They represent the three pillars of the *Strategy*, being: Workforce Development and Deployment; Technology Integration and Innovation; and Integrated, Intelligent Transportation Systems.

"The EOLC is a unique organization in Ontario, founded on the principle of promoting regional economic development in collaboration with the many municipalities and stakeholders across Eastern Ontario, which represents about 1.2 million residents," stated EOLC Co-Chair Leslie O'Shaughnessy, Mayor of the City of Cornwall. "We thank the Province and Minister Leal for recognizing the EOLC's work and providing funds to move forward in such a positive manner."

The refresh of the 10-year *Eastern Ontario Economic Development Strategy* will reflect recent economic considerations and incorporate the EOLC's existing regional work, while translating broad action steps into specific, prioritized projects to fulfill the 10-year vision. One major outcome is the creation of a comprehensive implementation plan, which will guide the EOLC's work through 2024 and provide project development funding to the three working groups.

"As with any project of this magnitude, it is essential that the EOLC undertake a review and refresh of the existing *Strategy*, including the collection and inclusion of relevant data, reports, and studies that have emerged since the release of the first version in 2014," added Co-Chair John Fenik, Warden of the County of Lanark. "Once the *Strategy* is implemented, our region's inclusive and collaborative economic development model will become a model for others."

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Photos are included with this release. For more information, contact info@eowc.org.

MVCA Report for May 1 Council By Councillor Alex Gills

This report features five topics:

- Carp River Restoration Project & Wetland Park Concept
- Morris Island Conservation Area Lease Renewal
- Section 28 Compliance Report for 2017
- Watershed Conditions Statement
- Mississippi Valley Source Protection Authority Meeting – Apr 18, 2018

Carp River Restoration Project & Wetland Park Concept

The Carp River Corridor Restoration project is to provide a functioning watercourse within an area that has been transitioning from a largely rural to a high density urban area. The project incorporates about 6000 metres of stream restoration, fish habitat improvements and recreational pathways. The project will help to inform the public on the important functions that wetlands and natural stream corridors provide in maintaining healthy aquatic ecosystems.

MVCA has been working with the Friends of the Carp River, Ottawa Stewardship Council and the City of Ottawa to develop a Wetland Park Concept and design a series of interpretive and educational features along the Carp River. In addition, a group of volunteers have started developing a “*Carp River Restoration Project: Visitor Interpretation App*” which will allow visitors to explore many of the ecological features within the Wetland Park independently. The App and Website will be available in both French and English.

The Board agreed that MVCA should assume a coordination role and approved a draft Licence of Occupation to be presented to the City of Ottawa; this lease will allow MVCA to install the interpretive panels adjacent to the pathways and habitat features. A series of interpretive panels have been designed and are expected to be installed by late May.

These activities may provide ideas for improving our **Riverwalk**.

Morris Island Conservation Area Lease Renewal

The Morris Island Conservation Area was developed in 1988 and consists of two properties located on the Ottawa River shoreline that are managed by MVCA under one management plan. One property, encompassing 34 ha, is owned by the City of Ottawa and has been leased to MVCA for use as a conservation area. The second property, encompassing 43 ha, is owned by Ontario Power Generation and largely consists of the shore lands along the Ottawa River and is managed by MVCA under a Licence of Occupation. The original lease with the Regional Municipality of Ottawa-Carleton, for Morris Island, has expired, so the Board approved a new document to be submitted to the City of Ottawa for the lease of the property for a further period of 25 years.

Section 28 Compliance Report for 2017

Compliance inspections were completed, in 2017, for 45 permits issued by MVCA in 2017. The number of compliance inspections completed in 2017 was less than previous years due to the spring flooding and staff shortages. Inspections of permits covered three areas: City of Ottawa (22 permits), Mississippi Lake (15) and the remainder of the watershed (8).

There were 13 non-compliant permit situations; non-compliance included:

- improper installation or poor maintenance of sediment and erosion controls
- failure to comply with flood proofing elevations
- development not completed in accordance with approved plans, and
- excess fill or other non approved development.

It was noted that municipalities, within the MVCA watershed, often complete culvert work without MVCA permits; these are non-compliant events. In discussion with the Director of Public works it was confirmed that Mississippi Mills obtains the necessary permits.

Watershed Conditions Statement

The following is an updated water conditions report dated April 19; the report presented to the Board was overtaken by a week of rain and snow.

WATERSHED CONDITIONS STATEMENT – Water Safety – April 19, 2018

APRIL 19, 2018 MISSISSIPPI VALLEY WATERSHED— Flows and levels across the Mississippi River watershed have been slowly increasing as a result of recent snow and rainfall. With warmer temperatures and approximately 40 mm of rainfall in the forecast for the end of next week, this trend is expected to continue. Based on the forecast, peak flows on the main branch of the Mississippi River are not expected to occur for at least two weeks. Smaller creeks and tributaries such as the Clyde, Fall and Indian Rivers are likely to stabilize this weekend and early next week. They are not expected to peak until the end of the week or early the following week depending on the timing and magnitude of the forecasted rainfall events. Flows along the Carp River are expected to peak in the next two days and drop steadily through the early part of next week.

Average or slightly below average spring flooding is still predicted at this time. Residents in flood prone areas are advised to continue to maintain a close watch on levels and flows. Ice jams are still possible and can result in water levels rising. Daily water levels and flows are available on the MVCA website at <http://mvc.on.ca/water-levels/>

This statement remains in effect through to Friday April 27th, 2018. Updates will be issued if conditions or forecasts change

Mississippi Valley Source Protection Authority Meeting – Apr 18, 2018

This meeting is held annually. The following items were presented:

- Source Protection Program Update
- Risk Management Official's Report
- Annual Progress Reports

These reports will be provided to Council members if requested.

There were some items to be noted:

- Source Protection funding has been extended for another year to Jan 31, 2019.
- Most of the risk planning concerned the RVCA watershed.
- There was little work on risk plans within the MVCA watershed; meetings will be held with municipalities over the summer.

**INFORMATION LIST #07-18
May 1, 2018**

The following is a list of information items received as of April 24, 2018.

Item #	Date	Originator	Subject
1	09-April-18	Township of Baldwin	Resolution re: Request to Cancel Bill C-71 Firearms Regulations
2	11-April-18	Regional Municipality of Halton	Resolution re: Support for Court Application Involving the CN Truck-Rail Development in the Town of Milton
3	12-April-18	Toronto Planning and Growth Management Committee	Resolution re: Proposed Inclusionary Zoning Regulations
4	12-April-18	Open Doors for Lanark Children and Youth	May 7 th Green Light Campaign for Youth with Mental Health Challenges

Mailed — 121 —
April 10/18 22- Senator



The Corporation of the
TOWNSHIP OF BALDWIN

P.O. Box 7095, 11 Spooner Street
MCKERROW, ONTARIO
POP 1M0

TEL: (705) 869-0225 FAX: (705) 869-5049

April 9th 2018

Dear Members of Parliament, House of Commons,

In our absence from being able to speak in person on this matter of Bill C-71, I request that our esteemed colleagues from the Canadian Shooting Sports Association (CSSA) be allowed to speak on our behalf. These folks are well versed in the existing firearms legislation and licensing requirements in Canada and can easily explain to non-firearm's owners current legislation already in place and the rigorous criteria needed to obtain a Firearms License or PAL that is required before any person can purchase any firearm or any ammunition.

We have listened to both sides of the debate concerning bill C-71 and have also done extensive reading on the matter, reviewed the flawed statistics charts that single out the lowest year of crime in 40 years and use it as a base point for increase or decrease. Its unfortunate that the Federal Government and News Media do not realize what's contained in the currant legislation that is already in place and has been since the mid 1990's. Rather than create new legislation, why not spend the time and money in enforcing the laws that are on the books today that never really seems to matter as a deterrent to the criminal and gang element?

The RCMP daily checks all Firearms License holders (Commonly called Firearms License or PAL) in Canada for any wrong doing and that is more than sufficient without putting additional or duplicate checks in place.

Simply enforce the laws that are in place now without putting new ones in place.

We have heard numerous times that a Police Officer needs to know what firearms he may be facing each time he comes to a residence. That statement, if applied, creates a very false sense of security because if the answer came back and said “no firearms” and he/she proceeds with that thought in mind, and it just happens to be a criminal with illegal firearms, then what happens? However, the Police know better than that and always proceed with caution to any domestic dispute but the Media like to glamourize it as a selling point for any proposed new gun legislation.

The Conservation Officers (CO'S) in this province during a single hunting season encounter more law-abiding people with firearms than most police officers would in their entire career. Many of these encounters are often in very remote locations with no cell service. There are no issues with their checks due to the fact that the majority of all firearms owners are very responsible citizens. For those folks that are unsure of a “Conservation Officer's” duty, they are officers that work for the MNRF enforcing all the hunting and fishing laws in all parts of the province.

Much of our country was founded and built with the use of firearms first in the fur trade and then in the rebellions/uprisings in the 1700's and 1800's and then the wars.

Many Canadian families have a long list of service in the military in WW 1 and WW2 and Foreign Wars with many being left overseas at very young ages. These folks fought for some of the rights and the privileges that we have today.

Trapping has been and still is a way of life for generations in many families.

For many Ontarian's firearms are a part of their lifestyle and culture and heritage especially those living in the north and even to some extent those in the GTA.

I'm asking that you make a wise move and cancel Bill C-71 and simply enforce the legislation that is in place.

Thanks very much,

Sincerely.

**Mayor Vern Gorham,
Township of Baldwin.**

THE CORPORATION OF THE TOWNSHIP OF BALDWIN

MOVED BY: David Fairbairn DATE: April 9th, 2018
 SECONDED BY: B. McDowell MOTION NO.: 18-39

NOW THEREFORE BE IT RESOLVED THAT: The Township of Baldwin send the attached explanatory letter to all Municipalities in Ontario for their support via e-mail as well as by Canada Post to all MP'S and Senators that represent our Province of Ontario.
 We don't need bill C-71 and it should be quashed without further ado.



Carried ✓ Defeated _____ Mayor [Signature]

RECORDED VOTE	FOR	AGAINST
Vern Gorham	✓	
David Fairbairn	✓	
Texas MacDonald	✓	
Ray Maltais	✓	
Bert McDowell	✓	



Legislative & Planning Services
Department
Office of the Regional Clerk
1151 Bronte Road
Oakville ON L6M 3L1

VIA EMAIL

April 11, 2018

Federation of Canadian Municipalities, Brock Carlton
Association of Municipalities of Ontario, Pat Vanini
Large Urban Municipal Caucus of Ontario (LUMCO), Mayor Jeffrey
Mayors and Regional Chairs Caucus of Ontario (MARCO), Ken Seiling
Rural Ontario Municipal Association (ROMA), Mayor Ronald Holman
Northwestern Ontario Municipal Association (NOMA), Mayor Wendy Landry
Federation of Northern Ontario Municipalities (FNOM), Mayor Alan Spacek
Conservation Authority of Ontario, Richard Hibma
all Ontario municipalities

Please be advised that at its meeting held Wednesday, March 28, 2018, the Council of the Regional Municipality of Halton adopted the following resolution:

RESOLUTION: Seeking Support on the Court Application Involving the CN Truck-Rail Development in the Town of Milton

WHEREAS under the Municipal Act, Ontario municipalities have the authority and responsibility to advance and protect the “economic, social and environmental well-being of the municipality” and the “health, safety and well-being of persons”;

WHEREAS the Provincial Government has designated Ontario municipalities to have responsibility to establish official plans that meet or exceed provincial standards for managing and directing physical change and effects on the social, economic, built and natural environment;

WHEREAS Halton Region and its area municipalities (“Halton Municipalities”), in partnership with Conservation Halton, have carried out multi-year, multi-phase planning processes to update their applicable official plans to address all relevant provincial plans and policy and foster healthy communities;

WHEREAS the most recent Halton Region official plan process engaged railways, including CN Rail, and was amended to accommodate stated railway plans for rail-supported development;

WHEREAS contrary to its own stated plans, CN Rail has declared its intention to proceed with a new stand-alone, truck-rail development in the Town of Milton that would operate 7 days a week, 24 hours a day and add at least 1,600 truck trips a day on regional roads located in close proximity to existing and planned residential communities;

WHEREAS CN Rail has declared that Ontario and the Halton Municipalities have no regulatory role whatsoever with respect to the truck-rail development;

WHEREAS the Halton Municipalities, Conservation Halton, and Halton residents have concerns about the impacts of CN's proposed development on traffic congestion, community growth, health and safety, and the local environment;

WHEREAS the Halton Municipalities and Conservation Halton recognize that railways are a matter of federal jurisdiction, but assert that truck-rail developments have non-rail aspects that engage multiple areas of provincial and municipal government regulatory responsibility;

WHEREAS CN's truck-rail development engages numerous provincial and municipal by-laws, policies and plans that govern growth in the Halton Municipalities, including but not limited to, policies in Ontario's Growth Plan, Greenbelt Plan, the Provincial Policy Statement, and the provincially approved Official Plan for Halton Region and the Town of Milton;

WHEREAS CN's position that its proposed truck-rail development falls exclusively under federal jurisdiction, if upheld, would create a regulatory gap that would prevent the Province of Ontario, the Halton Municipalities and Conservation Halton from discharging their statutory responsibilities, and leave CN Rail, a for-profit company, to self-regulate on matters that engage provincial and municipal responsibilities;

WHEREAS the Halton Municipalities and Conservation Halton have commenced a Court Application (the "Application") to confirm their legitimate regulatory role in respect of the proposed CN development; and

WHEREAS irrespective of the merits of CN's proposed development, CN's interpretation of jurisdiction over this development, if upheld, would be detrimental to all provinces and municipalities that contain existing or proposed developments that engage matters of federal, provincial and municipal regulatory interest.

NOW THEREFORE BE IT RESOLVED:

1. THAT Regional Council endorse the principles that:
 - a. there must be a cooperative approach to all developments that engage federal, provincial and municipal regulatory matters.

- b. the existence of federal regulation over a development does not preclude and may require provincial and municipal regulation of the proposed development to avoid regulatory gaps.
2. THAT Halton Region calls on the Government of Ontario to join the Court Application of the Halton Municipalities.
3. THAT a copy of this resolution be forwarded to the Honourable Kathleen Wynne, Premier of Ontario; the Honourable Bill Mauro, Minister of Municipal Affairs; the Honourable Yasir Naqvi, Attorney General of Ontario; Halton's Members of Parliament (MPs), Members of Provincial Parliament(MPPs), and Leaders of the Opposition Parties.
4. THAT a copy of the attached resolution be forwarded to the Federation of Canadian Municipalities (FCM), the Association of Municipalities of Ontario (AMO), the Large Urban Municipal Caucus of Ontario (LUMCO), the Mayors and Regional Chairs Caucus of Ontario (MARCO), the Rural Ontario Municipal Association (ROMA), the Northwestern Ontario Municipal Association (NOMA), Federation of Northern Ontario Municipalities (FNOM), the Conservation Authority of Ontario, and to all Ontario municipalities for their endorsement.

As per the above resolution, please accept this correspondence and attached resolution for your information and consideration.

If you have any questions please contact me at extension 7110 or the e-mail address below.

Sincerely,



Graham Milne
Regional Clerk
graham.milne@halton.ca

Planning and Growth Management Committee

PG25.8		Amended		Ward:All
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Inclusionary Zoning

City Council Decision

City Council on January 31 and February 1, 2018, adopted the following:

1. City Council adopt the following and forward its decision to the Province as the City's response to the proposed inclusionary zoning regulations:

Recommendation 1: The proposed regulation should be amended to respect the fact that the municipality is in the best position to assess its needs and establish an inclusionary zoning framework that takes into consideration the full range of housing needs, market conditions, and aligned policy and program opportunities.

Recommendation 2: The proposed regulation should be amended to explicitly provide for the opportunity to create new affordable purpose-built rental housing.

Recommendation 3: The Province should work with the municipality to review current and projected rental housing development, including understanding the market profile of new rental housing projects. Further, the Province should consult with municipalities and other stakeholders on the merits of extending the regulation to any or all of the new purpose-built rental housing market.

Recommendation 4: The regulation should provide for municipal flexibility to set reasonable set aside rates based on the local context, planned environment, and relevant program funding and incentives, with the principle that a minimum of 10 percent of the units or gross floor area be established as the unit set aside rate.

Recommendation 5: The regulation should provide for municipal decision making for measures and incentives as municipalities are in the best position to respond to local market conditions.

Recommendation 6: The regulation should allow for inclusionary zoning to be used as part of a Community Planning Permit System area or in areas where the zoning has been updated to reflect minimum and maximum densities in accordance with provincial policy.

Recommendation 7: The regulations should enable municipalities to set an equity sharing model that is fair and equitable.

Recommendation 8: The regulations should enable municipalities to set priorities based on

local housing need and align program administration with administrative models that are already in place.

Recommendation 9: Off-site provisions in the regulation should be amended to allow for municipal flexibility in permitting 100 percent inclusionary zoning buildings.

2. City Council request the Province to amend the proposed inclusionary zoning regulations as set out in Part 1 above.
3. City Council request the Province to further consult municipalities and stakeholders on an appropriate and flexible implementation framework for inclusionary zoning prior to proclaiming the regulation.
4. City Council request all municipalities in Ontario and the Association of Municipalities of Ontario to consider supporting the City of Toronto's recommendations as set out in Part 1 above.

Committee Recommendations

The Planning and Growth Management Committee submits the item to City Council without recommendation.

Committee Decision Advice and Other Information

The Planning and Growth Management Committee:

1. Requested the Chair to call a special meeting of the Planning and Growth Management Committee on this matter prior to the City Council meeting scheduled for January 31, 2018.
2. Requested that, in the event that the Planning and Growth Management Committee is unable to meet prior to January 31, 2018, the Acting Chief Planner and Executive Director, City Planning report directly to City Council with a proposed response from the City of Toronto on the provincial proposal on Inclusionary Zoning legislation.
3. Requested City staff to continue discussions with the Province on changes to the draft regulations to address the City of Toronto's concerns.

Origin

(January 15, 2018) Letter from Councillor Gord Perks, Ward 14, Parkdale-High Park

Summary

The Ontario government has announced details of Inclusionary Zoning legislation that would give municipalities the ability to secure affordable housing in new residential developments through the use of inclusionary zoning. The deadline to submit comments on this proposed legislation is February 1, 2018.

Background Information (Committee)

(January 15, 2018) Letter from Councillor Gord Perks, Ward 14, Parkdale-High Park, on Inclusionary Zoning
<http://www.toronto.ca/legdocs/mmis/2018/pg/bqrd/backgroundfile-110817.pdf>

Background Information (City Council)

(January 25, 2018) Transmittal from the Planning and Growth Management Committee (PG25.8a)

<http://www.toronto.ca/legdocs/mmis/2018/cc/bgrd/backgroundfile-111821.htm>

Communications (City Council)

(January 28, 2018) Letter from Geoff Kettel and Cathie Macdonald, Co-Chairs, Federation of North Toronto Residents' Associations (CC.Supp.PG25.8.1)

<http://www.toronto.ca/legdocs/mmis/2018/cc/comm/communicationfile-78405.pdf>

(January 30, 2018) Letter from Nancy Singer, Executive Director, Kehilla Residential Programme (CC.New.PG25.8.2)

<http://www.toronto.ca/legdocs/mmis/2018/cc/comm/communicationfile-78411.pdf>

(February 1, 2018) Submission from Eileen Denny (CC.New.PG25.8.3)

(February 1, 2018) Submission from Eileen Denny (CC.New.PG25.8.4)

Speakers

Joy Connelly, Member, Homecoming Coalition

Sean Meagher, Executive Director, Social Planning Toronto

Open Doors for Lanark Children and Youth

130 Lansdowne Ave, Unit 10

Carleton Place, ON K7C 2T7

T 613-257-8260 TF 1-877-232-8260

F 613-249-3548 E admincp@opendoors.on.caW www.opendoors.on.ca

Dear Community Partner;

The *Green Light* campaign is part of an Ontario-wide effort to help eliminate stigma and raise awareness of the mental health challenges faced by young people. In 2017, Open Doors for Lanark Children and Youth, with the support of local municipalities was able to start a local conversation about Children and Youth Mental Health. The municipalities of Smiths Falls, Carleton Place and Mississippi Mills all lit up prominent local landmarks in green light joining over 70 Ontario buildings and landmarks including the CN Tower and Niagara Falls.

This year, May 7th is the first day of Children's Mental Health Week in Ontario and we are once again asking our municipalities and community partners to light prominent buildings across the county in support of the *Green Light* campaign. Such campaigns add to a national conversation that reduces the shame associated with mental health issues while contributing to the development of necessary programs. This effort serves also as a reminder to people of the presence of the 1 in 5 children and youth in their community who are living daily with the impact of mental health issues.

We are grateful for the support we received for this campaign in 2017 and hope that every year the awareness in our area will grow. Open Doors for Lanark Children and Youth is once again asking Council to pass a resolution that during the week commencing May 7, 2018 that a prominent building in this community will be illuminated with green light. We ask for this resolution as it will be emblematic that it is the entire community that will be reflective of the presence of mental health issues of its children and youth.

In addition we are asking area businesses and community partners to participate in the movement by lighting up their buildings or storefronts, setting up green window displays, wearing a green ribbon in support or by spreading the word about the campaign on social media with the hashtags #GETLOUD #kidscantwait.

We thank you for your consideration of our request and are hopeful that you will join other communities and choose to reduce the stigma of mental health problems by shedding light on this issue that threatens the lives of children and youth.

Sincerely,

Kevin Clouthier, PhD

Executive Director

Open Doors for Lanark Children & Youth

COUNCIL CALENDAR

May 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 8:00am CEDC 6:00pm Council	2	3	4	5
6	7 6:30pm EAC	8	9	10	11	12
13	14	15 8:00am CEDC 2:30pm AAC 6:00pm Council	16	17 7:00am Business Breakfast 8:00am Beautification	18	19
20	21 Victoria Day	22 6:00pm Public Meeting - COP	23 5:30pm COA 7:00pm Heritage	24	25	26
27	28 9:00am Fam Tour	29 6:00pm ATAC	30 7:00pm Library FCM Halifax	31 FCM Halifax		

COUNCIL CALENDAR

June 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 FCM Halifax	2 FCM Halifax
3 FCM Halifax	4	5 8:00am CEDC 6:00pm Council	6	7 Provincial Election	8	9
10	11 6:30pm EAC	12 2:30pm AAC	13	14	15	16 12:00pm Gemmill Park Opening
17	18	19 8:00am CEDC 6:00pm Report to Council - COP	20 5:30pm CoA 7:00pm Daycare	21 8:00am Beautification	22	23
24	25	26 6:00pm Special Council – Final COP	27 7:00pm Heritage 7:00pm Library	28	29	30

THE CORPORATION OF THE MUNICIPALITY OF MISSISSIPPI MILLS

BY-LAW NO. 18-49

BEING a by-law to adopt the estimates for the sums required during the year 2018 for the general and special purposes of the Corporation of the Municipality of Mississippi Mills and to establish tax rates.

WHEREAS Section 312 of the *Municipal Act, 2001* (S.O. 2001, c.25) provides that the Council of a local municipality shall after the adoption of estimates for the year, pass a by-law to levy a separate tax rate on the assessment in each property class;

AND WHEREAS Section 312 (6) of the said Act require tax rates to be established in the same proportion to tax ratios;

AND WHEREAS the tax ratios as set by the County of Lanark for the Municipality of Mississippi Mills by By-law are:

Residential/Farm Property Class (RT, RF, RG)	1.000000
New Multi-Residential (NT)	1.000000
Farmland Awaiting Development-Phase I	0.250000
Farmland Awaiting Development-Phase II	0.250000
Multi-Residential Property Class (MT, MF)	2.237430
Commercial Property Class (CT, CF, CG, ST, XT)	1.796867
Industrial Property Class (IT, JT,IF, LT)	2.577498
Landfill (HT)	1.484807
Pipeline Property Class (PT)	2.015980
Farmland Property Class (FT)	0.250000
Managed Forest Property Class (TT)	0.250000

AND WHEREAS the property subclasses have tax rate reductions as set by the County of Lanark for the Municipality of Mississippi Mills by By-law are as follows:

Commercial Property Class Vacant Land and Excess Land – 30% reduction
(Qualifying Classes – CU, CX, SU, XU)

Industrial Property Class Vacant Land, Excess Land – 35% reduction
(Qualifying Classes – IU, IX, JU, LU)

AND WHEREAS the assessed value of all rateable real property according to the revised assessment roll for the Municipality of Mississippi Mills amounts to \$1,880,111,450;

AND WHEREAS the municipal budget levy requirement for the Municipality of Mississippi Mills amounts to \$8,044,235 and the municipal policing levy amounts to \$1,866,420 (see attached Schedule 'B') for 2018;

AND WHEREAS there is no 2018 budget levy request from the Business Improvement Area (BIA) Board of Management.

NOW THEREFORE the Council of the Corporation of the Municipality of Mississippi Mills enacts as follows:

1. That the following tax rates be established and applied to the taxable assessments of the Municipality of Mississippi Mills for 2018 as follows and as attached as Schedule 'B':

Property Class	Municipal Tax Rate	Municipal Policing Tax Rate	(As set by County By-law) County Tax Rate
RT, NT	.00420508	.00097446	.00370048
MT	.00891869	.00218029	.00823846
CT, ST, XT	.00755597	.00175098	.00664927
CU, CX, SU	.00528918	.00122569	.00465449
IT, JT	.01083858	.00251168	.00953798
IU, IX, LU, JU	.00704508	.00163259	.00619969
PT	.00847736	.00196450	.00746009
FT	.00105127	.00024362	.00092512
TT	.00105127	.00024362	.00092512

- 2. The assessment made in the year 2018, based on current values from January 1, 2016 under the provisions of the Assessment Act, Chapter A.31, R.S.O. 1990 as amended, shall be the assessment on which the final tax rates shall be fixed and levied and the final tax shall be fixed and levied on such assessment.
- 3. That for the purpose of paying the debentures and amounts due under the Tile Drainage Act, the 2018 repayment amounts shall be shown as an addition to the final tax levy.
- 4. The net amount of taxes levied by this By-law shall be due and payable in two equal installments. The installment due dates for all tax classes is Monday, July 30, 2018 and Thursday, September 27, 2018.
- 5. If taxes are not paid on the due dates, a penalty of one and one-quarter percent (1.25%) of the unpaid taxes shall be levied on the first day of the calendar month following the due date and a further penalty of one and one-quarter percent (1.25%) on the first day of each calendar month thereafter for as long as the default continues, but not after December 31st., 2018.
- 6. If any taxes levied pursuant to this By-law remain unpaid as of January 1st., 2019, interest at the rate of one and one-quarter percent (1.25%) of the unpaid taxes shall be charged on January 1st., 2019 and also on the first day of each calendar month thereafter for as long as the default continues.

BY-LAW READ, passed, signed and sealed in open Council this 1st day of May, 2018.

Shaun McLaughlin, Mayor

Cynthia Moyle, Acting Clerk

THE COPORATION OF THE MUNICIPALITY OF MISSISSIPPI MILLS
 SCHEDULE B TO BY-LAW 18-49

		2016 Current Value	Transition Ratio	2016 Weighted Phased in Assessment	Municipal Tax Rate	Levy	Policing Tax Rate	Levy	Education Tax Rate	Levy	County Tax Rate	Levy	Total Rate
		Phased in Assessment											
RES/FARM	RT	1,677,050,377	1.000000	1,677,050,377	0.420508%	7,052,131.00	0.097446%	1,634,225.22	0.170000%	2,850,985.64	0.370048%	6,205,891.38	1.058002%
	RF	0		0		0.00		0.00		0.00		0.00	
	RG	0		0		0.00		0.00		0.00		0.00	
MULTI-RES	MT	20,167,119	2.237430	45,122,517	0.891869%	179,864.28	0.218029%	43,970.27	0.170000%	34,284.10	0.823846%	166,146.00	2.103744%
	MF	0		0		0.00		0.00		0.00		0.00	
NEW MULTI-RES	NT	0	1.000000	0		0.00		0.00		0.00		0.00	
COMMERC.	CT	47,045,930	1.796867	84,535,279	0.755597%	355,477.64	0.175098%	82,376.59	1.273846%	599,292.70	0.664927%	312,821.09	2.869468%
	CF	0		0		0.00		0.00		0.00		0.00	
	CG	0		0		0.00		0.00		0.00		0.00	
	CU	363,900	1.257807	457,716	0.528918%	1,924.73	0.122569%	446.03	0.891693%	3,244.87	0.465449%	1,693.77	2.008629%
	CW	0		0		0.00		0.00		0.00		0.00	
SHOP CENTR	ST	5,922,500	1.796867	10,641,945	0.755597%	44,750.23	0.175098%	10,370.19	1.273846%	75,443.53	0.664927%	39,380.30	2.869468%
	SU	135,000	1.257807	169,804	0.528918%	714.04	0.122569%	165.47	0.891693%	1,203.79	0.465449%	628.36	2.008629%
	ZT	0		0		0.00		0.00		0.00		0.00	
	ZU	0		0		0.00		0.00		0.00		0.00	
	ZX	0		0		0.00		0.00		0.00		0.00	
PARK LOT/VA	CX	2,842,350	1.257807	3,575,128	0.528918%	15,033.70	0.122569%	3,483.83	0.891693%	25,345.04	0.465449%	13,229.69	2.008629%
	XT	9,274,095	1.796867	16,664,315	0.755597%	70,074.78	0.175098%	16,238.78	1.090000%	101,087.64	0.664927%	61,665.97	2.685622%
	XU	94,963	1.257807	119,445	0.528918%	502.28	0.122569%	146.40	0.763000%	724.57	0.465449%	442.00	1.879936%
	XX	0		0		0.00		0.00		0.00		0.00	
INDUSTRIAL	IT	1,939,789	2.577498	4,999,802	1.083858%	21,024.56	0.251168%	4,872.13	1.340000%	25,993.17	0.953798%	18,501.67	3.628824%
	IF	0		0		0.00		0.00		0.00		0.00	
	IU	59,077	1.675374	98,976	0.704508%	416.20	0.163259%	96.45	0.871000%	514.56	0.619969%	366.26	2.358736%
	IX	314,800	1.675374	527,408	0.704508%	2,217.79	0.163259%	513.94	0.871000%	2,741.91	0.619969%	1,951.66	2.358736%
	JT	1,494,141	2.577498	3,851,145	1.083858%	16,194.37	0.251168%	3,752.80	1.090000%	16,286.14	0.953798%	14,251.09	3.378824%
	JX	0		0		0.00		0.00		0.00		0.00	
	JU	122,960	1.675374	206,004	0.704508%	866.26	0.163259%	200.74	0.708500%	871.17	0.619969%	762.31	2.196236%
OFFICE BLDG	LT	0		0		0.00		0.00		0.00		0.00	
	LU	0		0		0.00		0.00		0.00		0.00	
PIPELINE	PT	22,078,000	2.015980	44,508,806	0.847736%	187,163.15	0.196450%	43,372.23	1.340000%	295,845.20	0.746009%	164,703.95	3.130195%
FARMLAND	FT	84,692,384	0.250000	21,173,096	0.105127%	89,034.56	0.024362%	20,632.42	0.042500%	35,994.26	0.092512%	78,350.62	0.264501%
MG. FOREST	TT	6,514,065	0.250000	1,628,516	0.105127%	6,848.04	0.024362%	1,586.93	0.042500%	2,768.48	0.092512%	6,026.29	0.264501%
		1,880,111,450		1,915,330,280		8,044,237.62		1,866,450.41		4,072,626.76		7,086,812.41	



DATE: May 1, 2018
TO: Mississippi Mills Council
FROM: General Manager Scott Newton
SUBJECT: Millfall & Earthen Dams Rehabilitation – Construction Contract award

BACKGROUND:

At the Mississippi Mills Council meeting held on December 5, 2017, we outlined our plans to repair both the Millfall and Earthen Dams down the North Channel of the Mississippi River in Almonte. At that meeting Council passed Motion #668-17, authorizing MRPC to proceed with the next stage of the project, which was tendering the construction contract, with the understanding that MRPC would return to Council for approval to award the contract once costs were known.

We tendered the project in January/February of this year. Three qualified bids were received and evaluated using bid evaluation metrics.

PREFERRED BIDDER:

The preferred bidder is Ross & Anglin Limited. The company is located in Ottawa and is well-known to our Consulting Engineers.

The primary reasons that Ross & Anglin Ltd. scored the highest in our bid metrics evaluation were:

- 1) The company has the most relevant experience.
 - a. They have rehabilitated or replaced seven dams of varying sizes, since 2012.
 - b. Our Consulting Engineer's at CIMA+ have worked with Ross & Anglin on two other dam projects and were extremely pleased with their work.

- 2) The Project Manager and Superintendent have the most relevant experience.
 - a. Both the Project Manager and Superintendent have over 30 years' experience in commercial/industrial construction and have worked on many dam projects recently.

- 3) Their construction schedule fits within our desired timeline.
 - a. In-water work can't commence until July 15th (fisheries restrictions), and we'd like it to be completed by the end of November so we don't run into issues with cold weather. Ross & Anglin's bid fits within that schedule.
- 4) They had the most extensive methodology and construction methods proposal.
 - a. They submitted a nine page 'Methodology and Construction Methods Proposed' summary. It broke the work down by individual tasks from mobilization, to coffer dams, to environmental protection, etc. It showed they had planned their proposal out in great detail and understood the job.
- 5) They submitted the lowest price.

SUMMARY & FINANCIAL IMPLICATIONS:

The three bids received were (incl. HST):

Ross & Anglin Limited -- \$2,000,350.86

Thomas Cavanagh Construction Ltd. -- \$2,300,853.10

Clearwater Structures Inc. -- \$2,160,166.00

All bids received were higher than anticipated. As a result, we met with Ross & Anglin to discuss their bid and look for areas where costs could be reduced.

As a result of those discussions and resulting changes, Ross & Anglin's bid price decreased from \$1,770,222.00 (plus HST) down to \$1,620,147.85 (plus HST).

There are quantities in the bid that are estimated. Any estimates are seen to be conservative, meaning we anticipate a price reduction, not increase, once the quantities are known. These quantities mostly pertain to the earthen dam. This dam must be completely excavated to remove all of the old material, right down to the bedrock. We have two borehole samples to give us an idea of how far down the bedrock is, but we won't know for sure how much new material is needed to rebuild the dam until we know the exact profile of the bedrock below.

Our Consultant has also advised us that we should include a 15% contingency for this project.

We have secured Construction Financing and Long-term Financing of up to \$2,100,000, for the project with Bank of Montreal.

TIMELINE:

Negotiations with the preferred bidder were ongoing throughout the months of March and April. The bid documents state that we have 60 days from closing to accept the tender and a further 30 days to execute the contract. The deadline to accept the tender was April 28th, but we have received a one week extension from Ross & Anglin.

We are planning to host a Public Information Centre in May and start construction in July.

REQUEST:

At this time we are asking that Mississippi Mills Council authorize Mississippi River Power Corp. to award the Millfall & Earthen Dams Rehabilitation project construction contract to Ross & Anglin Limited at a revised price of \$1,620,147.85, plus HST.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'S. Newton', with a long horizontal flourish extending to the right.

Scott Newton, General Manager
Mississippi River Power Corp.



Municipality of Mississippi Mills
PENDING LIST
May 1, 2018

Title	Department	Comments/Status	Report to Council (Date)
MM2020 Clayton Broadband & Cellular Project	Finance & Public Works	Referred April 17/18 - rural road fibre network & capital model	June
Council Compensation Review	Admin	Referred Apr 3/18 back to staff for revisions	May
Memorial Donations Policy to Parks and Public Spaces	Parks & Rec	Referred to AAC and ATC Dec 19/18	May
Paterson St No Parking Signs By-law	Public Works	Referred Jan 30/18 - report required	May
Live Streaming Options	Admin	Investigate bandwidth availability at Municipal Office	TBD
Review of Parking	Public Works	Carry forward from old task list	TBD
Review By-law 03-62 - Night Sky Policy	Planning	Carry forward from old task list	TBD
Downtown Infrastructure Renewal	Public Works	Detailed Plans for Phases 1 and 2 approved Aug 24/17	TBD