



THE CORPORATION OF THE TOWNSHIP OF PUSLINCH
2016 COUNCIL MEETING

A G E N D A

DATE: Wednesday, October 19, 2016

CLOSED MEETING: 6:15 P.M.

REGULAR MEETING: 7:00 P.M.

≠ Denotes resolution prepared

1. Call the Meeting to Order
2. Disclosure of Pecuniary Interest & the General Nature Thereof.
3. **CLOSED ITEMS** ≠
 - (a) Confidential Verbal Report from Karen Landry, CAO/Clerk regarding the security of the property of the municipality or local board, with respect to 23 Brock Road.
4. Adoption and Receipt of Minutes of the Previous Meeting.≠
 - (a) Council Meeting – October 5, 2016
 - (b) Closed Council Meeting – October 5, 2016
5. Business Arising Out of the Minutes.
6. **PUBLIC MEETINGS**
 1. **Notice of Public Information Session #1 Comprehensive Zoning By-law Project**

***note this Public Information Session will be held on Thursday October 20th, 2016 6:00 to 8:00 pm at the Puslinch Community Centre**
7. **COMMUNICATIONS**
 - (1) Environmental Registry Alert
 - a. Warren Paving & Materials Group Limited, a sub. Of Lafarge Canada Inc. Registry #012-8765
 - b. Cascade (Canada) Ltd. Registry # 012-4245
 - (2) Comments on the Mini Lakes Quarterly Monitoring Report – Q2 2016
 - a. Correspondence from Blue Plan Engineering dated October 6, 2016



THE CORPORATION OF THE TOWNSHIP OF PUSLINCH
October 19, 2016 MEETING

(3) 2016 Compliance Assessment Reports

- a. Martini Pit License ID 5654
- b. Philips Pit License ID 5610
- c. St. Mary's Cement Inc. License ID 5563
- d. St. Mary's Cement Inc. License ID 5497 (McNally Pit)
- e. St. Mary's Cement Inc. License ID 5520 (Aberfoyle pit)
- f. St. Mary's Cement Inc. License ID 624952 (Lanci)
- g. St. Mary's Cement Inc. License ID 625284 (Neubauer pit)
- h. St. Mary's Cement Inc. License ID 17600
- i. St. Mary's Cement Inc. License ID 625189
- j. St. Mary's Cement Inc. License ID 129817 (Mast-Snyder)
- k. St. Mary's Cement Inc. License ID 624864 (McNally East)
- l. St. Mary's Cement Inc. License ID 5734 (Edgington 2 pit)
- m. St. Mary's Cement Inc. License ID 5531 (Edgington 1 pit)
- n. St. Mary's Cement Inc. License ID 5737 (McMillan pit)

(4) Nestle Permit to Take Water and water sustainability ≠

- a. Correspondence dated October 12, 2016

(5) Introduction of Legislation to amend the Aggregate Resources Act

- a. Correspondence from the Ministry of Natural Resources and Forestry dated October 6, 2016

(6) Intergovernmental Affairs≠

- (a) Various correspondence for review.

(7) DELEGATIONS / PRESENTATIONS ≠

7:05 p.m. – Martin Keller, Source Protection Program Manager, Grand River Conservation Area regarding Update on City of Guelph and Guelph-Eramosa Township Water Systems Tier 3 Water Budget and Risk Assessment

(8) REPORTS

1. Puslinch Fire and Rescue Services ≠

- (a) Puslinch Fire and Rescue Monthly Report
 - a. July/August/September 2016



THE CORPORATION OF THE TOWNSHIP OF PUSLINCH
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2. Finance Department ≠

- (a) FIN-2016-018 Municipal Performance Measurement Program Report for 2015
- (b) FIN-2016-025 Ontario Community Infrastructure Fund – Formula-Based Component – Execution of Contribution Agreement

3. Administration Department

None

4. Planning and Building ≠

- a. Chief Building Official Report –September 2016
 - b. PD-2016-027 Public Meeting – Rezoning Application File D14/ONT – 1340464 Ontario Ltd, Concession 3, Part Lots 3-5, 4576 Wellington Road 32.
 - c. PD-2016-028 Agreement with Marc and Helen Jowett Part Lot 3, Part Lot 2, Plan 380, 2 Lakeside Drive
- Roads & Parks Department

None

5. Recreation Department

None

6. Mayor's Updates

- a. County of Wellington Report on Mobile HHW Depot Service
- b. County of Wellington Report on Rural Collection Progress Report

(9) NOTICES OF MOTION

- a. Councillor Roth- Walking Trail at the Puslinch Community Centre
- b. Mayor Iever- Comments on the expansion of the Greenbelt plan area
 - Provided under separate cover

(10) COMMITTEE MINUTES

None



THE CORPORATION OF THE TOWNSHIP OF PUSLINCH
October 19, 2016 MEETING

(11) MUNICIPAL ANNOUNCEMENTS

(12) BY-LAWS ≠

- (a) 072/16 Being a by-law to authorize the entering into an Agreement with Her Majesty the Queen in Right of Ontario as represented by the Minister of Agriculture, Food and Rural Affairs in order to participate in the Ontario Community Infrastructure Fund – Formula-Based Component. (As per Report FIN-2016-025)
- (b) 073/16 Being a by-law to repeal By-law 27/97 being a By-law to establish temporary Trailer licenses pending the construction of a residential building (As per Resolution 2016-362 from the October 5, 2016 Council Meeting)
- (c) 074/16 Being a by-law to authorize the entering into an Agreement with Marc and Helen Jowett – 2 Lakeside Drive (As per Report PF-2016-028)

(13) CONFIRMING BY-LAW ≠

- (a) By-law 075/16 to confirm the proceedings of Council for the Corporation of the Township of Puslinch.

(14) ADJOURNMENT ≠



MINUTES

DATE: October 5, 2016

CLOSED MEETING: 12:00 P.M.

REGULAR MEETING: 1:00 P.M.

The October 5, 2016 Regular Council Meeting was held on the above date and called to order at 12:00 p.m. in the Council Chambers, Aberfoyle.

1. ATTENDANCE:

Mayor Dennis Lever
Councillor Matthew Bulmer
Councillor Susan Fielding
Councillor Ken Roth
Councillor John Sepulis

STAFF IN ATTENDANCE:

1. Karen Landry, CAO/Clerk
2. Mary Hasan, Director of Finance/Treasurer
3. Don Creed, Director of Public Works and Parks
4. Nina Lecic, Deputy Clerk

OTHERS IN ATTENDANCE

1. Doug Smith
2. Andrew Payne
3. Neil Stoop
4. Greg Ford
5. Karen Lever
6. Kathy White

2. DISCLOSURE OF PECUNIARY INTEREST & THE GENERAL NATURE THEREOF:

None

3. CLOSED MEETING

Council was in closed session from 12:02 p.m. to 12:30 p.m.
Council recessed from 12:30 p.m. to 1:00 p.m.

Resolution No. 2016-352:

Moved by Councillor Sepulis and
Seconded by Councillor Fielding

That Council shall go into closed session under Section 239 of the Municipal Act for the purpose of:

- (a) Confidential Verbal Report from Karen Landry, CAO/Clerk, regarding litigation or potential litigation, including matters before administrative tribunals affecting the municipality or local board, and a request under the Municipal Freedom of Information and Protection of Privacy Act, if the council, board, commission or other body is the head of an institution for the purposes of that Act – 599 Arkeil Rd.**
- (b) Confidential Verbal Report from Karen Landry, CAO/Clerk, regarding litigation or potential litigation, including matters before administrative tribunals affecting the municipality or local board with respect to Slotegraaf Construction Inc. 4421 Sideroad 10 North.**



- (c) **Confidential Verbal Report from Karen Landry, CAO/Clerk regarding litigation or potential litigation, including matters before administrative tribunals affecting the municipality or local board, and personal matters about an identifiable individual, including municipal or local board employees with respect to 4006 Highway 6.**

CARRIED

Council resumed into open session at 12:30 p.m.

Resolution No. 2016-353:

Moved by Councillor Sepulis and
Seconded by Councillor Roth

THAT Council move into open session.

CARRIED

Resolution No. 2016-354:

Moved by Councillor Sepulis and
Seconded by Councillor Fielding

That Council receives the Confidential Verbal Report from Karen Landry, CAO/Clerk, regarding litigation or potential litigation, including matters before administrative tribunals affecting the municipality or local board, and a request under the Municipal Freedom of Information and Protection of Privacy Act, if the council, board, commission or other body is the head of an institution for the purposes of that Act – 599 Arkell Rd.

CARRIED

Resolution No. 2016-355:

Moved by Councillor Fielding and
Seconded by Councillor Sepulis

That Council receives the Confidential Verbal Report from Karen Landry, CAO/Clerk, regarding litigation or potential litigation, including matters before administrative tribunals affecting the municipality or local board with respect to Slotegraaf Construction Inc. 4421 Sideroad 10 North;

And that staff proceed as directed.

CARRIED

Resolution No. 2016-356:

Moved by Councillor Fielding and
Seconded by Councillor Sepulis

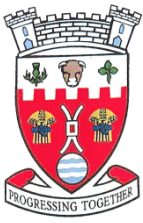
That Council receives the Confidential Verbal Report from Karen Landry, CAO/Clerk regarding litigation or potential litigation, including matters before administrative tribunals affecting the municipality or local board, and personal matters about an identifiable individual, including municipal or local board employees with respect to 4006 Highway 6.

And that staff proceed as directed.

CARRIED

4. ADOPTION OF THE MINUTES: ≠

- (a) Closed Council Meeting – September 7, 2016
- (b) Public Meeting Minutes- September 8, 2016
- (c) Special Council Meeting- September 14, 2016
- (d) Council Meeting – September 21, 2016



Resolution No. 2016-357:

Moved by Councillor Sepulis and
Seconded by Councillor Fielding

That the minutes of the following meetings be adopted as written and distributed:

- (a) Closed Council Meeting – September 7, 2016
- (b) Special Council Meeting- September 14, 2016
- (c) Council Meeting – September 21, 2016

That the minutes of the following meetings be received:

- (a) Public Meeting Minutes - September 8, 2016

CARRIED

5. **BUSINESS ARISING OUT OF THE MINUTES:**

6. **PUBLIC MEETINGS:**

- 1. Public Information Meeting - Zoning Applications- CBM and Aberfoyle Snowmobiles
*note this Public Information Meeting will be held on October 4, 2016 at 7:00 p.m. at the Municipal Complex – 7404 Wellington Rd. 34
 - a. REPORT PD-2016-025 Public Meeting - Rezoning Application, File D14/CBM - 2443109 Ontario Inc c/o CBM Aggregates - Part Lot 25, Concession 7, McLean Road W and Brock Road S.
- 2. Public Information Meeting – Comprehensive Zoning By-law
*note this Public Information Meeting will be held on October 4, 2016 at 6:00 p.m. at the Puslinch Community Centre – 23 Brock Road South
 - b. REPORT PD-2016-026 Public Meeting – Official Plan Application File OP-2016-05 and Rezoning Application File D14/LEA - Glenn and Mary Leachman – Aberfoyle Snomobiles - Concession 7 & 8, Part Lot 23, 92 Brock Road S, Aberfoyle.

7. **COMMUNICATIONS: ≠**

- 1. 2016 Compliance Assessment Reports
 - (a) Cox Construction, Lot 13 Concession 4, License ID# 624889
 - (b) Dufferin Aggregates, Mill Creek Pit, License ID# 5738, Lot 21-24, Concession 2,1
 - (c) Dufferin Aggregates, Aberfoyle Pits, License IDs# 5483 and 5609
- 2. Change to the November Puslinch Council Meeting Schedule
- 3. Optimist Club fee reduction request ≠
 - a. Correspondence dated September 19 requesting a fee reduction for the Optimist Club 40th Celebration.

Resolution No. 2016-358:

Moved by Councillor Fielding and
Seconded by Councillor Bulmer

THAT Council receives the fee waiver request by the Optimist Club for the Optimist Club 40th Celebration;

AND THAT Council hereby authorizes a 40% reduction for the Optimist Club 40th Celebration.

CARRIED

Council requested that staff advise the Optimist Club of the proposed fee reduction in waiver policy to provide no reduction to Community Groups during prime time hours sand a 75% reduction during non-prime time.



4. Rotary Club fee reduction request ≠
 - a. Correspondence requesting a fee reduction for the Annual Pasta Dinner.

Resolution No. 2016-359:

Moved by Councillor Fielding and
Seconded by Councillor Sepulis

THAT Council receives the fee waiver request by the Rotary Club for the Annual Pasta Dinner;

AND THAT Council hereby authorizes a 40% reduction for the Rotary Club Annual Pasta Dinner.

CARRIED

Council requested that staff advise the Rotary Club of the proposed fee reduction in waiver policy to provide no reduction to Community Groups during prime time hours and a 75% reduction during non-prime time.

5. Environmental Registry Alert
 - a. Environmental Compliance Approval – Russel Metals Inc. – 24 Nicholas Beaver Road.

6. Intergovernmental Affairs≠

Resolution No. 2016-360:

Moved by Councillor Fielding and
Seconded by Councillor Sepulis

That the Intergovernmental Affairs correspondence items listed on the Council Agenda for October 5, 2016 Council meeting be received.

CARRIED

Mayor Lever noted that he will bring a Notice of Motion to the October 19, 2016 Council Meeting with respect to Halton Region Report LPS106-16 - Supplementary Report - Coordinated Provincial Plan Review.

8. DELEGATIONS/PRESENTATIONS

None

9. REPORTS: ≠

1. Puslinch Fire and Rescue Services

None

2. Finance Department ≠

- (a) REPORT FIN-2016-018 Municipal Performance Measurement Program Report for 2015

Report FIN-2016-018 was deferred until the October 19, 2016 Council Meeting.

3. Administration Department ≠

- a. REPORT ADM-2016-018 Automatic Aid Agreement with the Corporation of the City of Cambridge – Fire and Emergency Services Agreement– Puslinch Fire Rescue Services

Resolution No. 2016-361:

Moved by Councillor Bulmer and
Seconded by Councillor Roth



THAT Report ADM–2016-018 regarding the Agreement with the Corporation of the City of Cambridge for Fire and Emergency Services be received;

AND THAT Council enact a by-law to authorize the Mayor and Clerk to execute a renewal Agreement for the provision of Automatic Aid, for 2017.

CARRIED

- b. REPORT ADM-2016-019 Agreement – Securities – Temporary Residence during Construction – Delegated Authority

Resolution No. 2016-362:

Moved by Councillor Roth and
Seconded by Councillor Bulmer

That Report ADM-2016-019 regarding Agreement – Securities – Temporary Residence during Construction – Delegated Authority be received; and

That Council enact a By-law to delegate authority to the Chief Building Official and the CAO/Clerk to execute Temporary Residence during Construction Agreements in the standard form as outlined in Schedules A and B of Report ADM-2016-019, as amended; and

That the policy established by Resolution 8 passed by Council on March 7, 2012 is deemed no longer in effect.

CARRIED

4. Planning and Building Department

None

5. Roads & Parks Department

- (a) Walking Trail at the Puslinch Community Centre

Verbal Update from Don Creed, Director of Public Works and Parks advising Council that the trail work is complete, and inviting members of Council to visit.

6. Recreation Department

None

7. Mayor's Updates

None

10. NOTICE OF MOTION:

Councillor Roth noted that he will be bringing a Notice of Motion to the next meeting asking for the Walking Trail at the Puslinch Community Centre to be named in memory of the late Councillor Wayne Stokley.

11. COMMITTEE MINUTES

- (a) Recreation Committee Minutes – July 19, 2016
(b) Heritage Committee Minutes – July 25, 2016

Resolution No. 2016-363:

Moved by Councillor Bulmer and
Seconded by Councillor Roth



That the minutes of the following meetings be received:

- (a) **Recreation Committee Minutes – July 19, 2016**
- (b) **Heritage Committee Minutes – July 25, 2016**

CARRIED

12. MUNICIPAL ANNOUNCEMENTS

- (a) Councillor Bulmer noted that the Aberfoyle farmer's market has been named one of the top four farmer's markets in Canada.
- (b) Mayor Lever notified Council that October 16-22, 2016 is National Teen Driver Safety Week. Councillor Fielding requested that the digital sign at the Puslinch Community Centre be updated to note that.

13. UNFINISHED BUSINESS

None.

14. BY-LAWS:

- (a) 066/16 a by-law to amend by-law number 19/85, as amended, being the zoning by-law of the Township of Puslinch (DRS Developments Ltd. - Queen & Church Streets, Morriston)
- (b) 067/16 Being a by-law to delegate authority to the Chief Building Official and the CAO/Clerk to execute agreements
- (c) 068/16 Being a by-law to authorize the entering into an Agreement with The Corporation of the City of Cambridge regarding an Automatic Aid Agreement.

Resolution No. 2016-364: Moved by Councillor Sepulis and
Seconded by Councillor Fielding

That the following By-laws be taken as read three times and finally passed in open Council:

- (a) **066/16 a by-law to amend by-law number 19/85, as amended, being the zoning by-law of the Township of Puslinch**
- (b) **067/16 Being a by-law to delegate authority to the Chief Building Official and the CAO/Clerk to execute agreements**
- (c) **068/16 Being a by-law to authorize the entering into an Agreement with The Corporation of the City of Cambridge regarding an Automatic Aid Agreement.**

CARRIED

15. CONFIRMING BY-LAW

- (a) By-Law to confirm the proceedings of Council for the Corporation of the Township of Puslinch

Resolution No. 2016-365: Moved by Councillor Fielding and
Seconded by Councillor Sepulis

That the following By-law be taken as read three times and finally passed in open Council:

By-Law 069-2016 being a by-law to confirm the proceedings of Council for the Corporation of the Township of Puslinch at its meeting held on the 5th day of October 2016.

CARRIED

16. ADJOURNMENT:



THE CORPORATION OF THE TOWNSHIP OF PUSLINCH
OCTOBER 5, 2016 COUNCIL MEETING

Resolution No. 2016-366: Moved by Councillor Sepulis and
Seconded by Councillor Fielding

That Council hereby adjourns at 1:34 p.m.

CARRIED

Dennis Lever, Mayor

Karen Landry, CAO/Clerk

Notice of Public Information

Session #1

Comprehensive Zoning By-law Project

The Township of Puslinch is subject to Zoning By-law 19/85, which is dated and has been subject to numerous site specific amendments over the years. Therefore, to implement new tools and create a more contemporary regulatory document, the Township has initiated a Comprehensive Zoning By-law Project.

You're invited:

The Township invites you to attend a Public Information Session to learn more about this project and to discuss issues with the existing Zoning By-law. Representatives from the Township and project Consulting Team will be available to discuss the project and to answer your questions.

Want more information?

For further information about this project and/or to submit comments, please contact:

Robert Kelly
Chief Building Official
Township of Puslinch
7404 Wellington Road 34
Guelph, Ontario N1H 6H9
(519) 763-1226 ext. 216
rkelly@puslinch.ca

PUBLIC INFORMATION SESSION #1

Thursday October 20th, 2016
6:00 to 8:00 pm

Puslinch Community Centre

Puslinch
FORWARD 
Zoning Our Future

From: [Karen Landry](#)
To: [Nina Lecic](#)
Subject: FW: "puslinch" in New Instrument Proposal Notice: Proponent: The Warren Paving & Materials Group Limited, a sub. of Lafa
Date: October-08-16 3:54:26 PM

From: Environmental Registry Alerts [<mailto:registryalerts@eco.on.ca>]
Sent: Saturday, October 08, 2016 5:20 AM
To: Karen Landry
Subject: "puslinch" in New Instrument Proposal Notice: Proponent: The Warren Paving & Materials Group Limited, a sub. of Lafar...

"puslinch" in New Instrument Proposal Notice: Proponent: The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc.

Proponent: The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc.
Instrument: Add, rescind, or vary a condition of a licence - ARA s. 13 (2)
Ministry: Ministry of Natural Resources and Forestry
Date Proposed: 2016-10-07
Comment Period: 31 days: submissions may be made between October 07, 2016 and November 07, 2016.
Comment Deadline: 2016-11-06 (please check the registry to confirm deadline)
URL: <http://www.ebr.gov.on.ca/ERS-WEB-External/...>
Registry #: 012-8765

1 Excerpt Mentions "puslinch":

"...onal information may be used in the decision making process on this proposal and it may be used to contact you if clarification of your comment is required. It may be shared (along with your comment) with other Ontario Ministries for use in the decision making process. Questions about this collection should be directed to the contact mentioned on the Proposal Notice page.

Other Public Consultation Opportunities

The application for this proposal is being circulated to the Township of **Puslinch** and the County of Wellington for comment.

Contact: All comments on this proposal must be directed to:

Seana Richardson
AGGREGATE TECHNICAL SPECIALIST
Ministry of Natural Resources and Forestry

Regional Operations Division
Southern Region
Guelph District
1 Stone Road West
Guelph Ontario
N1G 4Y2
Phone: (519) 826-4927
Fax: (519) 826-4929

(opens in new window)
Location(s) Related to this Instrument:

Township of **Puslinch**

North ½ Lot 23, Rear Concession 1, Geographic Township of **Puslinch**

COUNTY OF WELLINGTON

Additional Information:

The following government offices have additional information regarding this Proposal. To arrange a viewing of these documents please call the Ministry Contact or the Office listed below.

Guelph District
1 Stone Road West
Guelph Ontario
N1G 4Y2
Phone: (519) 826-4955

...”

Ministry #: MNRF INST 68/16

The *Environmental Commissioner of Ontario* is not responsible for any consequences arising from missed Registry notices. Under the Environmental Bill of Rights, the Environmental Registry site at <http://www.ebr.gov.on.ca/> is the authoritative source for public notices about environmental matters being proposed by Ontario government ministries.



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Instrument Proposal Notice:

Proponent: The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc.

6509 Airport Road
Mississauga Ontario
Canada L4V 1S7

Instrument Type: Add, rescind, or vary a condition of a licence - ARA s. 13 (2)

EBR Registry Number:
012-8765

Ministry Reference Number:
MNRF INST 68/16

Ministry:
Ministry of Natural Resources
and Forestry

Date Proposal loaded to the Registry:
October 07, 2016

Keyword(s): Aggregates

Comment Period: 31 days: submissions may be made between October 07, 2016 and November 07, 2016.

Description of Instrument:

Application has been made by The Warren Paving & Materials Group Limited to vary a condition of the current licence to authorize an increase in the number of tonnes of aggregate to be removed in a calendar year. The current licence condition states that "No more than 400,000 tonnes of aggregate shall be removed from the licenced area in and calendar year". The Warren Paving & Materials Group Limited has requested that the tonnage limit be increased to 1,200,000 tonnes annually. The increase has been requested by the licensee to address the higher demand for aggregates in the area.

Other Information:

Dufferin Aggregates, a division of CRH Canada Group Inc operates this site on behalf of The Warren Paving & Materials Group Limited under the authority of Licence #10671 under the Aggregate Resources Act.

Site plan information is available to view at the Ministry of Natural Resources and Forestry (MNRF) Guelph District Office. Making an appointment to view the information is recommended to ensure aggregate staff will be available to provide information and answer questions.

A link to the Aggregate Resources Act is provided:

<http://www.ontario.ca/laws/statute/90a08>

Public Consultation:

This proposal has been posted for a 31 day public review and comment period starting October 07, 2016. If you have any questions, or would like to submit your comments, please do so by November 07, 2016 to the individual listed under "Contact". Additionally, you may submit your comments on-line.

All comments received prior to November 07, 2016 will be considered as part of the decision-making process by the Ministry if they are submitted in writing or electronically using the form provided in this notice and reference EBR Registry number 012-8765.

Contact:

All comments on this proposal must be directed to:

Seana Richardson
AGGREGATE TECHNICAL
SPECIALIST
Ministry of Natural Resources
and Forestry
Regional Operations Division
Southern Region
Guelph District
1 Stone Road West
Guelph Ontario
N1G 4Y2
Phone: (519) 826-4927
Fax: (519) 826-4929

To submit a comment online, click the submit button below:

(opens in new window)

Location(s) Related to this Instrument:

Township of Puslinch

North ½ Lot 23, Rear
Concession 1, Geographic
Township of Puslinch

Please Note: All comments and submissions received will become part of the public record. Comments received as part of the public participation process for this proposal will be considered by the decision maker for this proposal.

Your personal information may be used in the decision making process on this proposal and it may be used to contact you if clarification of your comment is required. It may be shared (along with your comment) with other Ontario Ministries for use in the decision making process. Questions about this collection should be directed to the contact mentioned on the Proposal Notice page.

Other Public Consultation Opportunities:

The application for this proposal is being circulated to the Township of Puslinch and the County of Wellington for comment.

COUNTY OF WELLINGTON

Additional Information:

The following government offices have additional information regarding this Proposal. To arrange a viewing of these documents please call the Ministry Contact or the Office listed below.

Guelph District
1 Stone Road West
Guelph Ontario
N1G 4Y2
Phone: (519) 826-4955

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Nina Lecic

From: Karen Landry
Sent: October-08-16 3:51 PM
To: Nina Lecic
Subject: FW: "guelph" in New Instrument Proposal Notice:
Proponent: The Warren Paving & Materials Group Limited, a sub. of Lafarg

From: Environmental Registry Alerts [<mailto:registryalerts@eco.on.ca>]

Sent: Friday, October 07, 2016 5:00 PM

To: Karen Landry

Subject: "guelph" in New Instrument Proposal Notice: Proponent: The Warren Paving & Materials Group Limited, a sub. of Lafarge...

"guelph" in New Instrument Proposal Notice: Proponent: The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc.

Proponent: The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc.
Instrument: Add, rescind, or vary a condition of a licence - ARA s. 13 (2)
Ministry: Ministry of Natural Resources and Forestry
Date Proposed: 2016-10-07
Comment Period: 31 days: submissions may be made between October 07, 2016 and November 07, 2016.
Comment Deadline: 2016-11-06 (please check the registry to confirm deadline)
URL: <http://www.ebr.gov.on.ca/ERS-WEB-External/...>
Registry #: 012-8765

2 Excerpts Mention "guelph":

"... limit be increased to 1,200,000 tonnes annually. The increase has been requested by the licensee to address the higher demand for aggregates in the area.
Other Information

Dufferin Aggregates, a division of CRH Canada Group Inc operates this site on behalf of The Warren Paving & Materials Group Limited under the authority of Licence #10671 under the Aggregate Resources Act.

Site plan information is available to view at the Ministry of Natural Resources and Forestry

recommended to ensure aggregate staff will be available to provide information and answer questions.

A link to the Aggregate Resources Act is provided:

<http://www.ontario.ca/laws/statute/90a08>

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Seana Richardson
AGGREGATE TECHNICAL SPECIALIST
Ministry of Natural Resources and Forestry
Regional Operations Division
Southern Region
Guelph District
1 Stone Road West
Guelph Ontario
N1G 4Y2
Phone: (519) 826-4927
Fax: (519) 826-4929

(opens in new window)

Location(s) Related to this Instrument:

Township of Puslinch

North ½ Lot 23, Rear Concession 1, Geographic Township of Puslinch

COUNTY OF WELLINGTON

Additional Information:

The following government offices have additional information regarding this Proposal. To arrange a viewing of these documents please call the Ministry Contact or the Office listed below.

Guelph District
1 Stone Road West
Guelph Ontario
N1G 4Y2
Phone: (519) 826-4955

...”

Ministry #: MNRF INST 68/16

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Instrument Proposal Notice:

Proponent: The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc.

6509 Airport Road
Mississauga Ontario
Canada L4V 1S7

Instrument Type: Add, rescind, or vary a condition of a licence - ARA s. 13 (2)

EBR Registry Number:
012-8765

Ministry Reference Number:
MNRF INST 68/16

Ministry:
Ministry of Natural Resources
and Forestry

Date Proposal loaded to the Registry:
October 07, 2016

Keyword(s): Aggregates

Comment Period: 31 days: submissions may be made between October 07, 2016 and November 07, 2016.

Description of Instrument:

Application has been made by The Warren Paving & Materials Group Limited to vary a condition of the current licence to authorize an increase in the number of tonnes of aggregate to be removed in a calendar year. The current licence condition states that "No more than 400,000 tonnes of aggregate shall be removed from the licenced area in and calendar year". The Warren Paving & Materials Group Limited has requested that the tonnage limit be increased to 1,200,000 tonnes annually. The increase has been requested by the licensee to address the higher demand for aggregates in the area.

Other Information:

Dufferin Aggregates, a division of CRH Canada Group Inc operates this site on behalf of The Warren Paving & Materials Group Limited under the authority of Licence #10671 under the Aggregate Resources Act.

Site plan information is available to view at the Ministry of Natural Resources and Forestry (MNRF) Guelph District Office. Making an appointment to view the information is recommended to ensure aggregate staff will be available to provide information and answer questions.

A link to the Aggregate Resources Act is provided:

<http://www.ontario.ca/laws/statute/90a08>

Public Consultation:

This proposal has been posted for a 31 day public review and comment period starting October 07, 2016. If you have any questions, or would like to submit your comments, please do so by November 07, 2016 to the individual listed under "Contact". Additionally, you may submit your comments on-line.

All comments received prior to November 07, 2016 will be considered as part of the decision-making process by the Ministry if they are submitted in writing or electronically using the form provided in this notice and reference EBR Registry number 012-8765.

Contact:

All comments on this proposal must be directed to:

Seana Richardson
AGGREGATE TECHNICAL
SPECIALIST
Ministry of Natural Resources
and Forestry
Regional Operations Division
Southern Region
Guelph District
1 Stone Road West
Guelph Ontario
N1G 4Y2
Phone: (519) 826-4927
Fax: (519) 826-4929

To submit a comment online, click the submit button below:

(opens

in new window)

Location(s) Related to this Instrument:

Township of Puslinch

North ½ Lot 23, Rear
Concession 1, Geographic
Township of Puslinch

Please Note: All comments and submissions received will become part of the public record. Comments received as part of the public participation process for this proposal will be considered by the decision maker for this proposal.

Your personal information may be used in the decision making process on this proposal and it may be used to contact you if clarification of your comment is required. It may be shared (along with your comment) with other Ontario Ministries for use in the decision making process. Questions about this collection should be directed to the contact mentioned on the Proposal Notice page.

Other Public Consultation Opportunities:

The application for this proposal is being circulated to the Township of Puslinch and the County of Wellington for comment.

COUNTY OF WELLINGTON

Additional Information:

The following government offices have additional information regarding this Proposal. To arrange a viewing of these documents please call the Ministry Contact or the Office listed below.

Guelph District
1 Stone Road West
Guelph Ontario
N1G 4Y2
Phone: (519) 826-4955

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From: [Karen Landry](#)
To: [Nina Lecic](#)
Subject: FW: "guelph" in New Instrument Decision Notice: Proponent: Cascade (Canada) Ltd. 4 Nicholas
Date: October-13-16 9:17:37 AM

From: Environmental Registry Alerts [<mailto:registryalerts@eco.on.ca>]
Sent: Thursday, October 13, 2016 5:40 AM
To: Karen Landry
Subject: "guelph" in New Instrument Decision Notice: Proponent: Cascade (Canada) Ltd. 4 Nicholas...

"guelph" in New Instrument Decision Notice: Proponent: Cascade (Canada)
Ltd. 4 Nicholas Beaver Industrial

Proponent: Cascade (Canada) Ltd.
Instrument: Environmental Compliance Approval (project type: air) - EPA Part II.1-air
Ministry: Ministry of the Environment and Climate Change
Date Decided: 2016-10-12
URL: <http://www.ebr.gov.on.ca/ERS-WEB-External/...>
Registry #: 012-4245

1 Excerpt Mentions "guelph":

"...Toronto Ontario
M4V 1P5
Phone: (416) 314-8001
Fax: (416) 314-8452
Toll Free Phone: (800) 461-6290
Location(s) Related to this Instrument:

4 Nicholas Beaver Road
Puslinch
County of Wellington N1H 6N9

TOWNSHIP OF PUSLINCH

Additional Information:

The following government offices have additional information regarding this Decision. To arrange a viewing of these documents please call the Ministry Contact or the Office listed below.

Guelph District Office
1 Stone Road West
Floor 4
Guelph Ontario

N1G 4Y2
Phone: (519) 826-4255
Toll Free Phone: (800) 265-8658

Environmental Approvals Access and Service Integration Branch
135 St. Clair Avenue West
Floor 1
Toronto Ontario
M4V1P5
Phone: (416) 314-8001
Toll Free Phone: (800) 461-6290

The documents linked below are provided for the purposes of enhancing public consultation.
All links will open in a new window

1. Copy Of Environmental Compliance Approva
l # 1523-..."

Ministry #: 1523-9TUR7C

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Instrument Decision Notice:

Proponent: Cascade (Canada) Ltd.
4 Nicholas Beaver Industrial Park
Puslinch Ontario
Canada N1H 6N9

Instrument Type: Environmental Compliance Approval (project type: air) -
EPA Part II.1-air

EBR Registry Number:
012-4245

Ministry Reference Number:
1523-9TUR7C

Ministry:

Ministry of the Environment
and Climate Change

**Date Proposal loaded to the
Registry:**

May 29, 2015

**Date Decision loaded to the
Registry:**

October 12, 2016

This proposal notice was updated during the week of August 22-26, 2016 to advise the public that this application is still under active review. The ministry is reviewing the comments it has received to date. The original proposal date and comment period have not been altered.

Keyword(s): Air

Decision on Instrument:

An amended Environmental Compliance Approval has been granted to Cascade (Canada) Ltd., a facility that manufactures lift truck forks, fork lift attachments and lift handling products, located in the Township of Puslinch, Ontario.

The approval includes three (3) dry dust collectors and an increase in the rate of paint spray booths.

Contaminants emitted from the equipment include xylenes, ethylbenzene and nickel.

The attached Certificate document is intended for posting on the Environmental Registry in order to provide the reader with the substantive content of the issued instrument. Please note the official version may be differently formatted or otherwise contain minor variations from this version.

Comment(s) Received on the Proposal: 0

Public Consultation on the proposal for this decision was provided for 45 Days, from May 29, 2015 to July 13, 2015.

As a result of public consultation on the proposal, the Ministry received a total of 0 comments.

Effect(s) of Consultation on this Decision:

No comments were received, resulting in no impact on the decision whether or not to proceed with the proposal.

Leave to Appeal Provisions:

Contact:

Application Assessment
Officer

Ministry of the Environment
and Climate Change
Operations Division

Environmental Approvals
Access and Service
Integration Branch

Application Assessment Unit
135 St. Clair Avenue West
Floor 1

Toronto Ontario

M4V 1P5

Phone: (416) 314-8001

Fax: (416) 314-8452

Toll Free Phone: (800) 461-
6290

Location(s) Related to this Instrument:

4 Nicholas Beaver Road
Puslinch

County of Wellington N1H 6N9

TOWNSHIP OF PUSLINCH

Any resident of Ontario may seek leave to appeal this decision, by serving written Notice, within 15 days of October 12, 2016 upon all of the following:

Appellate Body:

Secretary
Environmental Review Tribunal
655 Bay Street
Floor 15
Toronto
M5G 1E5
Phone: (416) 212-6349
Fax: (416) 326-5370
Toll Free Phone: (866) 448-2248

Environmental Commissioner of Ontario:

Environmental Commissioner of Ontario
1075 Bay Street
Suite 605
Toronto Ontario
M5S 2B1
Phone: (416) 325-3377
Toll Free Phone: (800) 701-6454

Issuing Authority:

Rudolf Wan
Supervisor
Environmental Approvals Branch
135 St. Clair Avenue West
Floor 1
Toronto Ontario
M4V 1P5
Phone: (416) 314-7009
Toll Free Phone: (800) 461-6290

Proponent:

Cascade (Canada) Ltd.
4 Nicholas Beaver Industrial Park
Puslinch Ontario
Canada N1H 6N9

The Notice must be signed and dated and include all of the following information:

1. The EBR Registry Number, the Ministry Reference Number, the Proponent's name and address to whom the instrument was issued and the location of Activity. (All available from this Registry posting)
2. A copy of any comments that were submitted on the original proposal, if comments were not submitted, an explanation of your interest in seeking leave to appeal the decision is required.
3. A description of the grounds for the application for leave to appeal including information that demonstrates that:
 - (a) there is a good reason to believe that no reasonable person, having regard to the relevant law and any government policies developed to guide decisions of that kind, could have made the decision; and
 - (b) the decision in respect of which an appeal is sought could result in significant harm to the environment.
4. The portion of the instrument or each term or condition in the instrument in respect of which the leave to appeal is applied for.
5. The grounds on which you intend to reply at the hearing, in the event that the

Additional Information:

The following government offices have additional information regarding this Decision. To arrange a viewing of these documents please call the Ministry Contact or the Office listed below.

Guelph District Office
1 Stone Road West
Floor 4
Guelph Ontario
N1G 4Y2
Phone: (519) 826-4255
Toll Free Phone: (800) 265-8658

Environmental Approvals
Access and Service
Integration Branch
135 St. Clair Avenue West
Floor 1
Toronto Ontario
M4V1P5
Phone: (416) 314-8001
Toll Free Phone: (800) 461-6290

The documents linked below are provided for the purposes of enhancing public consultation.

All links will open in a new window

1. [**Copy Of Environmental Compliance Approva I # 1523-9TUR7C**](#)

leave to appeal is granted, in relation to each portion that you are seeking leave to appeal.

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Nina Lecic

From: Karen Landry
Sent: October-13-16 9:26 AM
To: Nina Lecic
Subject: FW: "puslinch" in New Instrument Decision Notice:
Proponent: Cascade (Canada) Ltd.
4 Nicho

From: Environmental Registry Alerts [<mailto:registryalerts@eco.on.ca>]
Sent: Thursday, October 13, 2016 8:20 AM
To: Karen Landry
Subject: "puslinch" in New Instrument Decision Notice: Proponent: Cascade (Canada) Ltd. 4 Nichol...

"puslinch" in New Instrument Decision Notice: Proponent: Cascade (Canada) Ltd. 4 Nicholas Beaver Industrial

Proponent: Cascade (Canada) Ltd.
Instrument: Environmental Compliance Approval (project type: air) - EPA Part II.1-air
Ministry: Ministry of the Environment and Climate Change
Date Decided: 2016-10-12
URL: <http://www.ebr.gov.on.ca/ERS-WEB-External/...>
Registry #: 012-4245

3 Excerpts Mention "puslinch":

"...Decision on Instrument

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“...of Ontario

Environmental Commissioner of Ontario
1075 Bay Street
Suite 605
Toronto Ontario
M5S 2B1
Phone: (416) 325-3377
Toll Free Phone: (800) 701-6454

Issuing Authority

Rudolf Wan
Supervisor
Environmental Approvals Branch
135 St. Clair Avenue West
Floor 1
Toronto Ontario
M4V 1P5
Phone: (416) 314-7009
Toll Free Phone: (800) 461-6290

Proponent

Cascade (Canada) Ltd.
4 Nicholas Beaver Industrial Park
Puslinch Ontario
Canada N1H 6N9

The Notice must be signed and dated and include all of the following information:

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“...that you are seeking leave to appeal.

Contact:

Application Assessment Officer
Ministry of the Environment and Climate Change
Operations Division
Environmental Approvals Access and Service Integration Branch
Application Assessment Unit
135 St. Clair Avenue West
Floor 1
Toronto Ontario
M4V 1P5
Phone: (416) 314-8001

Toll Free Phone: (800) 461-6290

Location(s) Related to this Instrument:

4 Nicholas Beaver Road
Puslinch
County of Wellington N1H 6N9

TOWNSHIP OF **PUSLINCH**

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1 Stone Road West
Floor 4
Guelph Ontario
N1G 4Y2
Phone: (519) 826-4255
Toll Free Phone: (800) 265-8658

Environmental Approvals Access and Service Integration Branch
135 St. Clair Avenue West
Floor 1<...”

Ministry #: 1523-9TUR7C

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Instrument Decision Notice:

Proponent: Cascade (Canada) Ltd.
4 Nicholas Beaver Industrial Park
Puslinch Ontario
Canada N1H 6N9

Instrument Type: Environmental Compliance Approval (project type: air) - EPA Part II.1-air

EBR Registry Number:
012-4245

Ministry Reference Number:
1523-9TUR7C

Ministry:

Ministry of the Environment
and Climate Change

**Date Proposal loaded to the
Registry:**

May 29, 2015

**Date Decision loaded to the
Registry:**

October 12, 2016

This proposal notice was updated during the week of August 22-26, 2016 to advise the public that this application is still under active review. The ministry is reviewing the comments it has received to date. The original proposal date and comment period have not been altered.

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Contact:

Application Assessment
Officer
Ministry of the Environment
and Climate Change
Operations Division
Environmental Approvals
Access and Service
Integration Branch
Application Assessment Unit
135 St. Clair Avenue West
Floor 1
Toronto Ontario
M4V 1P5
Phone: (416) 314-8001
Fax: (416) 314-8452
Toll Free Phone: (800) 461-
6290

Location(s) Related to this Instrument:

4 Nicholas Beaver Road
Puslinch
County of Wellington N1H 6N9
TOWNSHIP OF PUSLINCH

Any resident of Ontario may seek leave to appeal this decision, by serving written Notice, within 15 days of October 12, 2016 upon all of the following:

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Secretary
Environmental Review Tribunal
655 Bay Street
Floor 15
Toronto
M5G 1E5
Phone: (416) 212-6349
Fax: (416) 326-5370
Toll Free Phone: (866) 448-2248

Environmental Commissioner of Ontario:

Environmental Commissioner of Ontario
1075 Bay Street
Suite 605
Toronto Ontario
M5S 2B1
Phone: (416) 325-3377
Toll Free Phone: (800) 701-6454

Issuing Authority:

Rudolf Wan
Supervisor
Environmental Approvals Branch
135 St. Clair Avenue West
Floor 1
Toronto Ontario
M4V 1P5
Phone: (416) 314-7009
Toll Free Phone: (800) 461-6290

Proponent:

Cascade (Canada) Ltd.
4 Nicholas Beaver Industrial Park
Puslinch Ontario
Canada N1H 6N9

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1. The EBR Registry Number, the Ministry Reference Number, the Proponent's name and address to whom the instrument was issued and the location of Activity. (All available from this Registry posting)
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 - (a) there is a good reason to believe that no reasonable person, having regard to the relevant law and any government policies developed to guide decisions of that kind, could have made the decision; and
 - (b) the decision in respect of which an appeal is sought could result in significant harm to the environment.
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1 Stone Road West
Floor 4
Guelph Ontario
N1G 4Y2
Phone: (519) 826-4255
Toll Free Phone: (800) 265-8658

Environmental Approvals
Access and Service
Integration Branch
135 St. Clair Avenue West
Floor 1
Toronto Ontario
M4V1P5
Phone: (416) 314-8001
Toll Free Phone: (800) 461-6290

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leave to appeal is granted, in relation to each portion that you are seeking leave to appeal.

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October 6, 2016
Our File: 199024

Township of Puslinch
RR3, 7404 Wellington Road 34
Guelph, ON N1H 6H9

Attention: Ms. Karen Landry
CAO/Clerk

CLERK'S DEPARTMENT	
TO	
Copy	
Please Handle	
For Your Information	
Council Agenda	Oct 19/16
File	

Re: Mini Lakes Wastewater Treatment
Plant Effluent Monitoring Report,
2nd Quarter (2016)

Dear Ms. Landry:

We have reviewed the "Mini Lakes Quarterly Monitoring Report – Q2 2016" report, as submitted by R.J. Burnside & Associates Limited on September 13, 2016. We are pleased to provide our comments for your consideration.

The following table summarizes the average effluent quality for the second quarter (Q2) of 2016 (column 2), the annual average concentration (YTD) average (column 3), the previous YTD average (2015) (column 4) and the MOECC Environmental Compliance Approval (ECA) compliance limits (column 5).

1	2	3	4	5
Parameters (mg/L)	Q2 Avg., (April 1 to June 30, 2016)	Annual Avg., (January 1 to June 30, 2016) ^a	Previous Annual Avg. (Jan. 1 to Dec. 31, 2015)	Compliance Limit
CBOD ₅ ^b	13.7	9.8	6.1	20.0
TSS ^c	4.3	4.8	3.9	20.0
TP ^d	0.11	0.10	0.10	1.0
NO ₃ ^e	5.0	5.4	4.6	8.0

- a. "Annual Average Concentration" means the arithmetic mean of the Monthly Average Concentrations of a contaminant in the effluent calculated for any particular calendar year
- b. CBOD₅ = 5 day Carbonaceous Biological Oxygen Demand
- c. TSS = Total Suspended Solids
- d. TP = Total Phosphorous
- e. NO₃ = Nitrate

The MOECC ECA requires that plant effluent be sampled and analyzed on a monthly basis for each of the parameters defined above. As a minimum, plant effluent was sampled monthly for all parameters during this quarter.

Effluent CBOD₅

The average CBOD₅ effluent concentration for this quarter was 13.7 mg/L. This is within the ECA compliance limit of 20.0 mg/L for this parameter. CBOD₅ concentrations were below the compliance limit on two of the three sampling occasions this quarter. On May 17, 2016 a concentration of 22 mg/L was noted, however, the Average Annual Concentration for this parameter remains below the compliance limit at 9.8 mg/L, demonstrating that the plant is generally performing within the ECA compliance limit of 20.0 mg/L for CBOD₅.

Effluent TSS

The average TSS effluent concentration for this quarter was 4.3 mg/L. This is below the ECA compliance limit of 20.0 mg/L for this parameter. Effluent TSS concentrations were below the compliance limit on all three sampling occasions this quarter. The Average Annual Concentration for this parameter remains below the compliance limit at 4.8 mg/L, demonstrating that the plant is generally performing within the ECA compliance limit of 8.0 mg/L for TSS.

Effluent TP

The average TP effluent concentration for this quarter was 0.11 mg/L. This is well below the ECA compliance limit of 1.0 mg/L for this parameter. Effluent TP concentrations were below the compliance limit on all three sampling occasions this quarter. The Average Annual Concentration for this parameter is in compliance at 0.09 mg/L, demonstrating that the plant is generally performing within the ECA compliance limit of 1.0 mg/L for TO.

Effluent NO₃

The average effluent NO₃ concentration for this quarter was 5.0 mg/L which is below the ECA compliance limit of 8.0 mg/L for this parameter. Effluent NO₃ concentrations were below the compliance limit on all three sampling occasions this quarter. The Average Annual Concentration for this parameter is in compliance at 3.7 mg/L demonstrating that the plant is generally performing within the ECA compliance limit of 8.0 mg/L for NO₃.

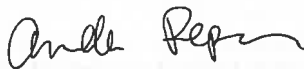
Average Sewage Flows

The average daily sewage flow rate to the plant ranged between 88.5 m³/d and 94.9 m³/d during this quarter. This is below the plant's rated capacity of 158 m³/d average daily flow.

We trust this is sufficient for your requirements. If you have any questions please call.

Yours truly,
GM BLUEPLAN ENGINEERING

Per:



Amanda Pepping, P.Eng.

AP/mh

cc: Steve Conway, GM BluePlan



BURNSIDE

**Mini Lakes Quarterly Monitoring
Report - Q2 2016**

**Wellington Common Elements
Condominium Corporation #214
7541 Wellington County Road 34
Puslinch ON N1H 6H9**

CLERK'S DEPARTMENT	
TO	
Copy	
Please Handle	
For Your Information	
Council Agenda	<i>Oct 19/16</i>
File	

**R.J. Burnside & Associates Limited
292 Speedvale Avenue West Unit 20
Guelph ON N1H 1C4 CANADA**

**September 13, 2016
300038558.0000**

Mini Lakes Quarterly Monitoring Report - Q2 2016
September 13, 2016

Distribution List

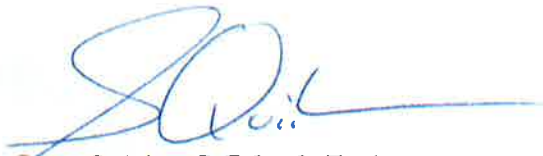
No. of Hard Copies	PDF	Email	Organization Name
1	Yes	Yes	Township of Puslinch
1	Yes	Yes	Wellington Common Elements Condominium Corporation #214 c/o M.F. Property Management Ltd.
0	Yes	Yes	American Water Services Canada Corporation

Record of Revisions

Revision	Date	Description
0	July 22, 2016	Initial Submission to Township of Puslinch
1	September 13, 2016	Second Submission to The Township of Puslinch

R.J. Burnside & Associates Limited

Report Prepared By:



Sean Quinlan, B.E.S., C. Tech.
Environmental Technologist
SQ:sd

Report Reviewed By:



Dave Hopkins, B.Sc., P.Geo.
Senior Hydrogeologist
DH:sd

Mini Lakes Quarterly Monitoring Report - Q2 2016
September 13, 2016

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1.0 Introduction

R.J. Burnside & Associates Limited (Burnside) was retained by Wellington Common Elements Condominium Corporation #214, to report quarterly on the water quality samples from a network of monitoring wells and surface water locations at Mini Lakes Mobile Home Community (Mini Lakes). Mini Lakes is a private community located just outside of Aberfoyle off of Wellington County Road 34 in the Township of Puslinch as shown on Figure 1. This report highlights the water quality results from the June 2016 sampling event. A detailed discussion of the water quality is provided in the annual water quality report.

The site is serviced by a communal wastewater treatment plant (WWTP) that discharges treated effluent to a subsurface dispersal system. The five leaching beds are located on the north east corner of the property.

The system operates according to amended Environmental Compliance Approval (ECA) Number 2391-9KCJUS, issued June 1, 2016 (Appendix B). The ECA addresses a reduction of the units the system services from 400 units to 292 units due to a recent Plan of Subdivision which restricted development. The ECA also includes proposed plant upgrades to improve nitrate compliance, and an increase in the nitrate concentration in the effluent from 5.0 to 8.0 mg/L due to the reduction in units served. The ECA eliminated surface water monitoring locations SW2 and SW7 and added two additional monitoring locations (P1 and P2) to intercept the plume close to the water's edge.

2.0 Deviations from the Monitoring Program

The second quarter (Q2) sampling was completed by American Water Canada Corporation (AWC) on June 14, 2016 and June 22, 2016. AWC is the operator of both the water works system and sewage treatment system. SP1 and SP2 were installed on July 6, 2016, after the Q2 sampling event and will be monitored moving forward. The scheduled water quality monitoring program is presented in Table 1. Required parameters are listed in Table 2.

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3.0 Summary of Monitoring Locations

The following section contains a quick reference data sheet designed to allow for a snapshot of information at each monitoring location; including setting, historical water quality and highlighting the current Q2 results. When the analytical results were below the reported detection limit, half the detection limit was used to calculate the historical averages.

Monitoring Location	MW1
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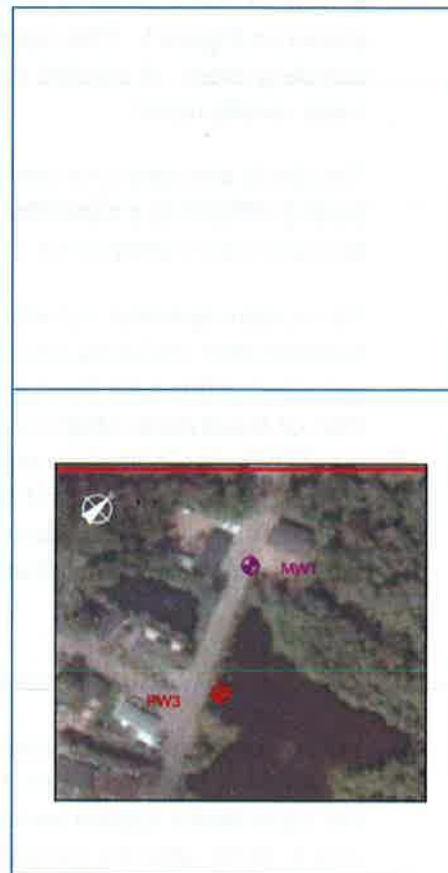
Top of Pipe Elevation	323.41
Ground Surface Elevation	323.46
Water Level Elevation	321.97
Bottom of Well Elevation	319.48
Stickup (m ags)	-0.05
Water Level (m btop)	1.44

Setting
MW1 is a flushmount well located at the northern edge of the site, near gate 3. The well is located 396 m northwest of the leaching beds. MW1 is a 0.05 m diameter PVC well that extends approximately 3.93 m below the ground surface.

Summary of Water Quality Results			
Parameter	5 Year Average	2 Year Average	June 2016
Nitrate(mg/L)	0.05	0.06	<0.1
Phosphorous (mg/L)	0.42	0.14	0.11
E.coli (CFU/100 ml)	3	7	0

Historical Water Quality
MW1 is considered a background well and isn't impacted by the leaching bed. Total Phosphorus shows a decreasing trend while nitrate typically is below the detection limit.

Q2 - Key Sampling Results
Total phosphorus continues to decrease with a concentration of 0.11 mg/L. The maximum concentration of total suspended solids is 82 mg/L at MW1.



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Monitoring Location	MW2
Top of Pipe Elevation	324.20
Ground Surface Elevation	323.26
Water Level Elevation	321.81
Bottom of Well Elevation	319.52
Stickup (m ags)	0.94
Water Level (m btop)	2.38

Setting

MW2 is located in a grass field 28 m west of the leaching beds. MW2 is a 0.05 m diameter PVC well that extends approximately 4.68 m below the ground surface.

Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	3.98	4.50	6.59
Phosphorous (mg/L)	0.03	0.01	<0.02
E.coli (CFU/100mL)	1	0	0



Historical Water Quality

MW2 is impacted by the leaching beds due to its proximity and groundwater flow direction. Nitrate concentrations fluctuate but the trend is stable with concentrations ranging from 6.9 mg/L to 1.29 mg/L. Since December 2014 total phosphorus concentrations have been below the detection limit.

Q2 - Key Sampling Results

The maximum nitrate concentration at the site was observed at MW2 (6.59 mg/L) during Q2 sampling. This concentration is slightly above the 2 year average.

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Monitoring Location	MW4
Top of Pipe Elevation	323.24
Ground Surface Elevation	322.22
Water Level Elevation	321.09
Bottom of Well Elevation	319.62
Stickup (m ags)	1.02
Water Level (m btop)	2.15

Setting

MW4 is located in a grass field 22 m west of the leaching beds. MW4 is a 0.05 m diameter PVC well that extends approximately 3.62 m below the ground surface.



Summary of Water Quality Results			
Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	6.43	6.81	6.54
Phosphorous (mg/L)	0.16	0.01	<0.02
E.coli (CFU/100mL)	0	0	0

Historical Water Quality

MW4 is impacted by the leaching beds due to its proximity and groundwater flow direction. The nitrate concentration is slightly increasing over time. The results fluctuate from 10.9 mg/L to 4.69 mg/L. Total phosphorus concentrations have been below the detection limit since March 2014.

Q2 - Key Sampling Results

The nitrate concentration at MW4 was elevated at 6.54 mg/L and was within the historical range.

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Monitoring Location	MW5
Top of Pipe Elevation	323.04
Ground Surface Elevation	322.12
Water Level Elevation	320.84
Bottom of Well Elevation	318.99
Stickup (m ags)	0.92
Water Level (m btop)	2.20

Setting

MW5 is located on the edge of a forest. The well is 208 m southwest of the leaching beds. MW5 is a 0.05 m diameter PVC well that extends approximately 4.05 m below the ground surface.

Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.43	0.34	<0.10
Phosphorous (mg/L)	0.31	0.01	<0.02
E.coli (CFU/100mL)	0	0	0



Historical Water Quality

MW5 is 208 m cross gradient from the leaching beds which suggests the detectable concentrations of nitrate may be from the agricultural land use immediately to the south. Nitrate concentrations are typically below 0.5 mg/L and have been generally stable. Total phosphorus concentrations have been below the detection limit since December 2014.

Q2 - Key Sampling Results

All parameters were below the reportable detection limit except for total kjeldahl nitrogen (0.12 mg/L) and dissolved organic carbon (1.4 mg/L).

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Monitoring Location	MW6
Top of Pipe Elevation	321.93
Ground Surface Elevation	320.93
Water Level Elevation	319.84
Bottom of Well Elevation	318.10
Stickup (m ags)	1.00
Water Level (m btop)	2.09

Setting

MW6 is located in a grassed field; the well is 360 m southwest of the leaching beds. MW6 is a 0.05 m diameter PVC well that extends approximately 3.83 m below the ground surface.



Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.45	0.42	0.29
Phosphorous (mg/L)	0.14	0.01	<0.02
E.coli (CFU/100mL)	1	0	0

Historical Water Quality

MW6 is 306 m cross gradient from the leaching beds which suggests the detectable concentrations of nitrate may be from the agricultural land use immediately to the south. Nitrate concentrations are typically around 0.5 mg/L with a ranging from 0.65 mg/L to a low of 0.29 mg/L with a long term stable trend. Total phosphorus concentrations have been below the detection limit since December 2014.

Q2 - Key Sampling Results

The nitrate concentration at MW6 (0.29 mg/L) was slightly above the detection limit of 0.10 mg/L.

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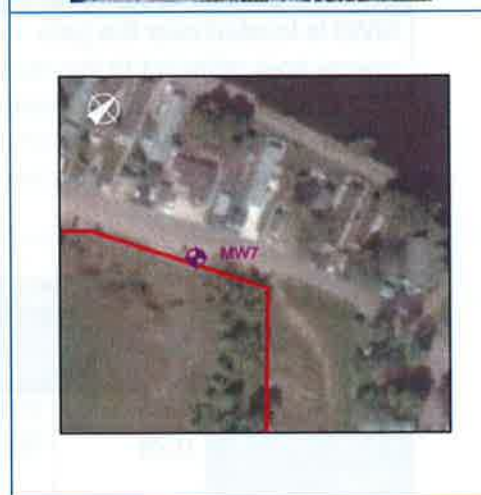
Monitoring Location	MW7
Top of Pipe Elevation	321.18
Ground Surface Elevation	320.25
Water Level Elevation	319.22
Bottom of Well Elevation	317.13
Stickup (m ags)	0.93
Water Level (m btop)	1.96

Setting

MW7 is located along the eastern property boundary adjacent to Pine Lane. The well is 505 m southwest of the leaching beds. MW7 is a 0.05 m diameter PVC well that extends approximately 3.83 m below the ground surface.

Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.05	0.04	<0.10
Phosphorous (mg/L)	0.11	0.01	<0.02
E.coli (CFU/100mL)	0	0	0



Historical Water Quality

MW7 is not impacted by the leaching bed. Nitrate concentrations are consistently below the detection limit. Total phosphorus concentrations have been below the detection limit since December 2014.

Q2 - Key Sampling Results

All parameters were below the reportable detection limit except for total kjeldahl nitrogen (0.18 mg/L) and dissolved organic carbon (2.3 mg/L).

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Monitoring Location	MW8
Top of Pipe Elevation	320.56
Ground Surface Elevation	319.76
Water Level Elevation	318.69
Bottom of Well Elevation	315.72
Stickup (m ags)	0.80
Water Level (m btop)	1.87

Setting

MW8 is located near the gate 1 entrance in a grassy area adjacent to the road. The well is 730 m west of the leaching beds. MW8 is a 0.05 m diameter PVC well that extends approximately 4.84 m below the ground surface.



Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.05	0.04	<0.10
Phosphorous (mg/L)	0.26	0.03	0.025
E.coli (CFU/100mL)	0	0	0

Historical Water Quality

MW8 is considered to be the downgradient property boundary well. MW8 is not impacted by the leaching bed. Nitrate concentrations are below the detection limit. Total phosphorus concentrations have been steadily decreasing to below the detection limit.

Q2 - Key Sampling Results

Total phosphorus was slightly above the detection limit with a concentration of 0.025 mg/L.

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Monitoring Location	MW9
Top of Pipe Elevation	322.84
Ground Surface Elevation	322.02
Water Level Elevation	321.72
Bottom of Well Elevation	320.17
Stickup (m ags)	0.82
Water Level (m btop)	1.12

Setting

MW9 is located along the northern property boundary. The well is 269 m northwest of the leaching beds. MW9 is a 0.05 m diameter PVC well that extends approximately 2.67 m below the ground surface.



Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.05	0.04	<0.10
Phosphorous (mg/L)	0.17	0.07	0.19
E.coli (CFU/100mL)	104	131	1000

Historical Water Quality

MW9 is not impacted by the leaching bed. Nitrate concentrations are below the detection limit. Total phosphorus has ranged from 0.68 mg/L to below the detection limit. E.coli has historically been present at MW9, ranging from 1,000 cfu/100 ml to 0 cfu/100 ml.

Q2 - Key Sampling Results

The maximum total phosphorus result at the site during the Q2 sampling event was observed at MW9 with a concentration of 0.19 mg/L. The site maximum total E.coli of 1,000 cfu/100ml was also observed at MW9.

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Monitoring Location	MW10
Top of Pipe Elevation	325.16
Ground Surface Elevation	324.06
Water Level Elevation	322.36
Bottom of Well Elevation	318.26
Stickup (m ags)	1.10
Water Level (m btop)	2.80



Setting

MW10 is located along the northern property boundary beside the septic beds. MW10 is the closest well to the septic bed, located 5 m to the east. MW10 is a 0.05 m diameter PVC well that extends approximately 6.90 m below the ground surface.



Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.05	0.05	<0.10
Phosphorous (mg/L)	5.3	0.55	<0.02
E.coli (CFU/100mL)	0	0	0

Historical Water Quality

MW10 does not appear to be impacted by the leaching bed. Nitrate concentrations are below the laboratory detection limit. Total phosphorus levels have varied from 19 mg/L to below the detection limit. The concentrations in 2013 were elevated but have subsequently declined; total phosphorus concentrations have been below the detection limit since June 2015.

Key Sampling Results

Nitrate and total phosphorous were both below the laboratory detection limit.

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Monitoring Location **SW1**

Setting

SW1 is located in a narrow section of pond located near the northern property boundary. Mobile homes are located to the north and south and thick vegetation is present to the east. SW1 is located 229 m northwest of the leaching beds.



Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.06	0.01	<0.10
Phosphorous (mg/L)	0.02	0.02	0.022
E.coli (CFU/100mL)	52	52	23

Historical Water Quality

SW1 does not appear to be impacted by the leaching beds. Nitrate concentrations have been below the detection limit since June 2014. Total phosphorus concentrations have been below the detection limit since September 2015. The E.coli concentration has fluctuated from 210 cfu/100 ml to 1 cfu/100 ml.

Q2 - Key Sampling Results

The total phosphorus at SW1 was slightly above the laboratory detection limit at a concentration of 0.022 mg/L.

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Monitoring Location

SW2

Setting

SW2 is located on the north side of the large pond. Mobile homes are located to the north and grass vegetation is present to the west. SW2 is located 518 m west of the leaching beds.



Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.10	0.08	NA
Phosphorous (mg/L)	0.02	0.02	NA
E.coli (CFU/100mL)	84	28	NA

Historical Water Quality

SW2 does not appear to be impacted by the leaching beds. Nitrate concentrations have fluctuated from 0.35 mg/L to below the laboratory detection limit. Total phosphorus concentrations are typically below the detection limit. The E.coli concentration were initially elevated, but have decreased since June 2015.

Q2 - Key Sampling Results

SW2 is no longer part of required sampling program per the current ECA issued June 1, 2016.

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Monitoring Location	SW3
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Setting

SW3 is located on the south side of the large pond. Mobile homes are located to the east and west and grass vegetation is present to the south. SW3 is located 420 m west of the leaching beds.



Summary of Water Quality Results			
Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.09	0.09	<0.10
Phosphorous (mg/L)	0.01	0.01	<0.02
E.coli (CFU/100mL)	27	21	65

Historical Water Quality

SW3 does not appear to be impacted by the leaching bed. Nitrate concentrations have fluctuated from 0.27 mg/L to below the laboratory detection limit. Total phosphorus concentrations are consistently below the detection limit. The E.coli concentrations fluctuate and have ranged from 82 cfu/100 ml to 0 cfu/100 ml.
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Q2 - Key Sampling Results

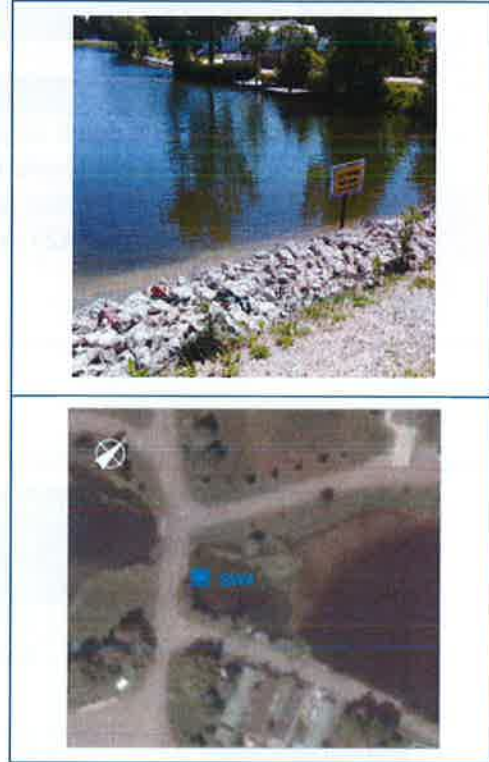
Total kjeldahl nitrogen (TKN) and E.coli are the only detectable parameters with concentrations of 0.31 mg/L and 65 CFU/100 ml.

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Monitoring Location	SW4
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Setting

SW4 is located on the west side of the large pond. Mobile homes are located to the east and roads and grass vegetation is present to the south and west. SW4 is located 598 m west of the leaching beds.



Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.07	0.04	<0.10
Phosphorous (mg/L)	0.01	0.01	<0.02
E.coli (CFU/100mL)	41	43	200

Historical Water Quality

SW4 does not appear to be impacted by the leaching bed. Nitrate concentrations have fluctuated from 0.31 mg/L to below the laboratory detection limit. Total phosphorus concentrations are typically below the detection limit. The E.coli concentrations fluctuate and have ranged from 200 cfu/100 ml to 0 cfu/100 ml.

Q2 - Key Sampling Results

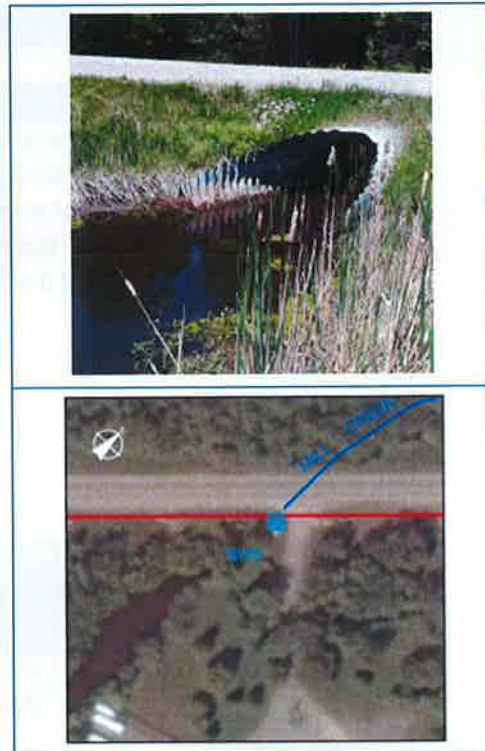
TKN and E.coli are the only detectable parameters with concentrations of 0.32 mg/L and 200 CFU/100 ml.

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Monitoring Location	SW5
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Setting

SW5 is located at the culvert on the southeast side of Wellington County Road 34 near Gate 1. Trees and grass vegetation are present to the south. SW5 is located 790 m west of the leaching beds.



Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.37	0.37	0.47
Phosphorous (mg/L)	0.02	0.01	<0.02
E.coli (CFU/100mL)	147	104	560

Historical Water Quality

SW5 does not appear to be impacted by the leaching bed. Nitrate is present in samples at this location and fluctuates from 0.51 mg/L to below the detection limit. Total phosphorus concentrations are typically below the detection limit. Historical average E.coli concentrations have been the highest at this location. Concentrations range from 720 cfu/100 ml to 3 cfu/100 ml.

Q2 - Key Sampling Results

The only Q2 detection of nitrate in surface water was at SW5 with a concentration of 0.47 mg/L. The maximum total E.coli concentration during the Q2 sampling event was 560 cfu/100ml at SW5.

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Monitoring Location **SW6**

Setting

SW6 is located at the west end of the site near Gate 1. The surface water sampling location is located at the west end of a small pond with grass vegetation present to the north. SW6 is located 750 m southwest of the leaching beds.



Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.07	0.05	<0.10
Phosphorous (mg/L)	0.02	0.02	0.024
E.coli (CFU/100mL)	410	35	140

Historical Water Quality

SW6 does not appear to be impacted by the leaching bed. Nitrate and total phosphorous concentrations are typically below the detection limit. E.coli concentrations vary from 2,400 cfu/100 ml to 0 cfu/100 ml.

Q2 - Key Sampling Results

The maximum total phosphorus concentration during the Q2 sampling event was 0.024 mg/L at SW6.

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Monitoring Location **SW7**

Setting

SW7 is located at a culvert at the southwest side of Victoria Road South. The surface water sampling location is taken at a creek with grass vegetation present to the east and west. SW7 is located 1200 m southwest of the leaching beds.



Summary of Water Quality Results

Parameter	5 Year Average	2 Year Average	June 2016
Nitrate (mg/L)	0.13	0.12	NA
Phosphorous (mg/L)	0.02	0.02	NA
E.coli (CFU/100mL)	56	25	NA

Historical Water Quality

SW7 does not appear to be impacted by the leaching bed. Nitrate concentrations have fluctuated from 0.31 mg/L to below the detection limit. Total phosphorus concentrations are typically below the detection limit. E.coli concentrations range from 520 cfu/100 ml to 0 cfu/100 ml.

Q2 - Key Sampling Results

SW7 is no longer part of required sampling program per the current ECA issued June 1, 2016.

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4.0 Groundwater Elevations

Groundwater levels are measured at each monitoring well prior to purging. The groundwater levels are subtracted from the measuring point elevation to establish groundwater elevations based on metres above sea level (MASL). The Q2 water levels were collected on June 14, 2016 and are compared to groundwater elevations collected during the Q2 sampling event in 2015 and are summarized in Table 3. Previous reports noted MW1 as having a stick up height of 0.55 m. Burnside observed this well as a flushmount well and noted the stick up is actually -0.05 m. The groundwater elevations for MW1 in Table 3 have been adjusted accordingly.

Groundwater elevations were an average of 0.16 m lower during 2016 - Q2 when compared to 2015 – Q2. The maximum difference was observed at MW5 and MW9 with a decrease of 0.27 m and 0.26 m respectively. The lower groundwater elevations are a result of below average precipitation.

5.0 Significant Groundwater Results

The Q2 groundwater samples were collected on June 14, 2016 and submitted to Maxxam Analytics for analysis. The laboratory certificates of analysis are located in Appendix A. A summary of key indicator parameters (nitrate, total phosphorus and E.coli), is located in Table 4. Table 4 compares the Q2 results to the Ontario Drinking Water Quality Standards (ODWQS) and the Reasonable Use Policy (RUP).

5.1 Nitrate

Nitrate concentrations are highest at wells located near the septic bed. Historically MW4 has the highest nitrate concentration while MW1, MW7, MW8, MW9 and MW10 generally have the lowest nitrate concentrations, typically below the detection limit.

The maximum nitrate concentration of 6.59 mg/L was observed at MW2 during Q2 sampling. This is the closet downgradient well to the leaching beds and the nitrate concentration is below the effluent criteria. The nitrate concentration at MW4 was also elevated (6.54 mg/L). MW2 and MW4 are immediately downgradient of the leaching bed.

The downgradient well, MW8, was below the reportable detection limit for nitrate and therefore below the screening criteria OWDQS (10.0 mg/L) and RUP (2.74 mg/L).

5.2 Total Phosphorus

Historically MW10 has the highest average total phosphorus concentration. MW1, MW8 and MW9 have the highest number of total phosphorus detections. MW10 is located near the leaching beds while MW1, MW8 and MW9 are not located near the leaching beds but are on the perimeter of the property.

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The maximum total phosphorus concentration of 0.19 mg/L was observed at MW9 during Q2 sampling.

MW8, the downgradient property boundary well, had a total phosphorus concentration of 0.025 mg/L which was slightly above the laboratory detection limit (0.020 mg/L).

5.3 Escherichia coli

E.coli concentrations are historically highest at MW9 while MW4, MW5 and MW10 historically have the lowest average concentrations. The maximum E.coli concentration of 1,000 cfu/100 ml was observed at MW9 during Q2 sampling.

The E.coli concentration at downgradient property boundary well MW8, was 0 cfu/100 ml, which is also the ODWQS limit.

6.0 Significant Surface Water Results

The Q2 surface water samples were collected on June 22, 2016 and submitted to Maxxam Analytics for analysis. The laboratory certificates of analysis are located in Appendix A. A summary of key indicator parameters (nitrate, total phosphorus and E.coli) is located in Table 5. The table compares the Q2 results to the Provincial Water Quality Objectives (PWQO) and Canadian Environmental Quality Guidelines (CEQG).

6.1 Nitrate

Nitrate concentrations are historically highest at SW5 while SW1, SW4 and SW6 historically had the lowest average nitrate concentrations. The only detection of nitrate in Q2 was at SW5 with a concentration of 0.47 mg/L.

The downstream property boundary surface water monitoring location, SW6, was below the reportable detection limit for nitrate (<0.10 mg/L).

6.2 Total Phosphorus

Total phosphorus concentrations are historically highest at SW1 and SW6, while SW3 historically had the lowest average total phosphorus concentrations. The maximum total phosphorus concentration of 0.024 mg/L was observed at SW6 during Q2 sampling. The total phosphorus at SW1 was also slightly above the laboratory detection limit at a concentration of 0.022 mg/L.

SW6, the downstream property boundary surface water monitoring location, had a total phosphorus concentration of 0.024 mg/L which was slightly above the PWQO screening criteria (0.020 mg/L).

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6.3 Escherichia coli

E.coli concentrations are historically highest at SW5 while SW3 historically had the lowest average total concentrations. The maximum total E.coli of 560 cfu/100 ml was observed at SW5 during Q2 sampling. The lowest total E.coli concentration was 23 cfu/100 ml at SW1.

The downstream property boundary surface water monitoring location, SW6, had an E.coli concentration of 140 cfu/100 ml which is above the PWQO screening criteria (100 mg/L).

7.0 Wastewater Treatment Plant Effluent Monitoring

As previously mentioned the Mini Lakes site is serviced by a communal WWTP that discharges treated effluent to a subsurface dispersal system. AWC operates the WWTP in accordance with ECA Number 2391-9KCJUS.

7.1 Compliance with Quantity Criteria

The ECA state the disposal system is re-rated at approximately 158 m³/d average daily flow. The maximum daily flow of 2016 occurred on June 26th with a flow rate of 131.3 m³/d. After six months the average annual daily flow is 92.2 m³/d.

Sewage Flow Volumes

Month (2016)	Average Daily Flow (m ³ /d)	Maximum Daily Flow (m ³ /d)
January	92.6	128.6
February	88.5	127.6
March	89.0	115.1
April	93.5	125.5
May	94.9	128.8
June	94.5	131.3
Annual Average Daily Flow	92.2	126.2

7.2 Compliance with Quality Criteria

Within Table 1 of the ECA details the required treated effluent sampling parameters and minimum frequency. Table 4 of the ECA also defines the effluent limits for CBOD₅, total suspended solids (TSS), nitrate and total phosphorus (TP). Table 6, of this report, displays a summary of AWCs sampling. The annual average concentrations are below the effluent limits for each effluent parameter. The effluent laboratory certificates of analysis are located in Appendix A.

Mini Lakes Quarterly Monitoring Report - Q2 2016
September 13, 2016

Summary of Effluent Sampling Results

	CBOD ₅	TSS	Total Phosphorus	Nitrate
Effluent Limit	20	20	1	8
12-Jan-16	3	6	0.08	5.31
8-Feb-16	8	6	0.10	6.17
18-Mar-16	7	4	0.05	5.92
22-Apr-16	8	4	0.09	6.42
17-May-16	22	4	0.11	6.07
22-Jun-16	11	5	0.14	2.55
Annual Average Concentration	9.8	4.8	0.10	5.41

The May 2016 effluent sample had a CBOD₅ concentration of 22 mg/L which was above the calendar effluent limit of 20 mg/L, however, the annual average effluent limit of CBOD₅, based on the 2016 calendar year thus far is 9.8 mg/L which is well below the effluent limit of 20 mg/L.

TSS was consistently below the effluent limit during the first six sampling events in 2016 with an annual average of 4.8 mg/L which is well below the effluent limit of 20 mg/L. The highest concentration of TSS was observed in January and February with concentration at 6 mg/L.

TP was consistently below the effluent limit during the first six sampling events in 2016 with an annual average of 0.1 mg/L which is well below the effluent limit of 1 mg/L. The highest concentration of TP was observed in June with concentration at 0.14 mg/L.

Nitrate was consistently below the effluent limit during the first six sampling events in 2016 with an annual average of 5.41 mg/L which is below the effluent limit of 8 mg/L. The highest concentration of nitrate was observed in April with concentration at 6.42 mg/L.



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Tables

Tables

Table 1
Mini Lakes
Water Quality Monitoring Program

Groundwater		
Location	Type of Location	Sampling Frequency
MW1	Monitoring Well	Quarterly
MW2	Monitoring Well	Quarterly
MW4	Monitoring Well	Quarterly
MW5	Monitoring Well	Quarterly
MW6	Monitoring Well	Quarterly
MW7	Monitoring Well	Quarterly
MW8	Monitoring Well	Quarterly
MW9	Monitoring Well	Quarterly
MW10	Monitoring Well	Quarterly
P1	Piezometer	Quarterly
P2	Piezometer	Quarterly

Surface Water		
Parameter	Description	Sampling Frequency
SW1	upgradient background	Quarterly
SW3	one location within the main pond	Quarterly
SW4	outlet from the main pond	Quarterly
SW5	upgradient tributaries	Quarterly
SW6	outlet from the property	Quarterly

**Table 2
Mini Lakes
Parameter List**

Groundwater		
Parameter	Type of Sample	Minimum Frequency
CBOD5	Grab	Quarterly
Total Suspended Solids	Grab	Quarterly
Total Phosphorus	Grab	Quarterly
Total Ammonia	Grab	Quarterly
Nitrate Nitrogen	Grab	Quarterly
Nitrite Nitrogen	Grab	Quarterly
Total Kjeldahl Nitrogen	Grab	Quarterly
E. coli	Grab	Quarterly
Dissolved Organic Carbon	Grab	Quarterly

Surface Water		
Parameter	Type of Sample	Minimum Frequency
Total Phosphorus	Grab	Quarterly
Total Ammonia	Grab	Quarterly
Nitrogen	Grab	Quarterly
Nitrate Nitrogen	Grab	Quarterly
Nitrite Nitrogen	Grab	Quarterly
Total Kjeldahl Nitrogen	Grab	Quarterly
E. coli	Grab	Quarterly

Table 3
Mini Lakes
Groundwater Monitoring Program
Comparison between Ground Water Elevations - Q2 - 2015 vs. Q2 - 2016

Well No.	Ground (masl)	Top (masl)	Stick-Up Height (m)	June 2015		June 2016		Variance between 2015 and 2016 (m)
				Water Level (mbtop)	Water Elevation (masl)	Water Level (mbtop)	Water Elevation (masl)	
MW1	322.46	322.41	-0.05	1.36	321.05	1.44	320.97	-0.08
MW2	323.26	324.20	0.94	2.28	321.92	2.39	321.82	-0.11
MW4	322.22	323.24	1.02	2.02	321.22	2.15	321.09	-0.13
MW5	322.12	323.04	0.92	1.93	321.11	2.20	320.84	-0.27
MW6	320.93	321.93	1.00	1.93	320.00	2.09	319.84	-0.16
MW7	320.25	321.18	0.93	1.81	319.37	1.96	319.22	-0.15
MW8	319.76	320.56	0.80	1.65	318.91	1.87	318.69	-0.22
MW9	322.02	322.84	0.82	0.86	321.98	1.12	321.72	-0.26
MW10	324.06	325.16	1.10	2.72	322.44	2.80	322.36	-0.08

Notes:

(-) - indicates decrease in groundwater level between the same quarter (2015 and 2016)

(+) - indicates increase in groundwater level

m - meters

masl - meters above sea level

mbtop - meters below top of pipe

Table 4
Mini Lakes
Summary of Groundwater Concentrations
Q2- June 2016

Location	Nitrates (mg/L)		
	ODWQS -MAC	RUP	Q2 - Results
*MW1	10.0	2.74	<0.10
MW2	10.0	2.74	6.59
MW4	10.0	2.74	6.54
MW5	10.0	2.74	<0.10
MW6	10.0	2.74	0.29
MW7	10.0	2.74	<0.10
**MW8	10.0	2.74	<0.10
MW9	10.0	2.74	<0.10
MW10	10.0	2.74	<0.10

Location	Total Phosphorus (mg/L)		
	ODWQS -MAC	RUP	Q2 - Results
*MW1	NA	NA	0.11
MW2	NA	NA	<0.020
MW4	NA	NA	<0.020
MW5	NA	NA	<0.020
MW6	NA	NA	<0.020
MW7	NA	NA	<0.020
**MW8	NA	NA	0.025
MW9	NA	NA	0.19
MW10	NA	NA	<0.020

Location	Escherichia coli (CFU/100mL)		
	ODWQS -MAC	RUP	Q2 - Results
*MW1	0	NA	0
MW2	0	NA	0
MW4	0	NA	0
MW5	0	NA	0
MW6	0	NA	0
MW7	0	NA	0
**MW8	0	NA	0
MW9	0	NA	1000
MW10	0	NA	0

* MW1

** MW8

- downstream property boundary

- exceeds RUP or ODWQS at property boundary

ND - Non-detectable

NA - Not Applicable

RUP - Reasonable Use Policy Guideline

ODWQS -Ontario Drinking Water Quality Standard

Table 5
Mini Lakes
Summary of Surface Water Concentrations
Q2- June 2016

Nitrates (mg/L)			
Location	CEQG	PWQO	Q2 - Results
*SW1	13.0	NA	<0.10
SW3	13.0	NA	<0.10
SW4	13.0	NA	<0.10
SW5	13.0	NA	0.47
**SW6	13.0	NA	<0.10

Total Phosphorus (mg/L)			
Location	CEQG	PWQO	Q2 - Results
*SW1	NA	0.02	0.022
SW3	NA	0.02	<0.020
SW4	NA	0.02	<0.020
SW5	NA	0.02	<0.020
**SW6	NA	0.02	0.024

Escherichia coli (CFU/100mL)			
Location	CEQG	PWQO	Q2 - Results
*SW1	NA	100	23
SW3	NA	100	65
SW4	NA	100	200
SW5	NA	100	560
**SW6	NA	100	140

- * SW1 - upstream property boundary
- ** SW6 - downstream property boundary
- NA - Not Applicable
- PWQO - Provincial Water Quality Objective
- CEQG - Canadian Environmental Quality Guidelines
-
 - exceeds PWQO or CEQG at property boundary

Table 6
Mini Lakes
Summary of Effluent Sampling Results
Q2- June 2016

	CBOD ₅ mg/L	TSS mg/L	TP mg/L	NO ₃ mg/L	NO ₂ mg/L	TKN mg/L	NH ₃ mg/L	DO mg/L	E coli /100 ml	pH
Effluent Limit	20	20	1	8	na	na	na	na	na	na
Sampling Date										
12-Jan-16	3	6	0.08	5.31	0.62	4.3	3.2	8.3	17,000	7.47
8-Feb-16	8	6	0.10	6.17	0.7	4.3	3.1	7.4	24,000	7.33
18-Mar-16	7	4	0.05	5.92	0.43	4.3	3.2	8.62	17,000	7.7
22-Apr-16	8	4	0.09	6.42	0.49	3.6	2.8	8.76	2,100	7.19
17-May-16	22	4	0.11	6.07	0.25	3.8	3.1	8.01	1,800	6.96
22-Jun-16	11	5	0.14	2.55	0.39	5.2	3.4	7.1	140,000	7.25
Annual Average Concentration	9.8	4.8	0.10	5.41	0.48	4.3	3.1	8.03	33,650	7.32



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Figures

Figures

 <p>BURNSIDE</p>	
<p>WILLIAMSON COUNTY WATER UTILITY</p>	
<p>WATER QUALITY REPORT</p>	
<p>2011-2012</p>	



Client
**WELLINGTON COMMON ELEMENTS
 CONDOMINIUM CORPORATION #214**

Figure Title
**MINI LAKES MOBILE HOME COMMUNITY
 WATER QUALITY REPORT
 SITE LOCATION PLAN**

Drawn CD	Checked SQ	Date July 2016	Figure No. 1
Scale N.T.S.	Project No. 300038558.4000		



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- PRODUCTION WELL LOCATION
- MONITORING WELL LOCATION
- ▲ PIEZOMETER LOCATION
- SURFACE WATER SAMPLE LOCATION

Air Photo Source:
 Background 2013 Air Photo obtained from Google Earth Professional /
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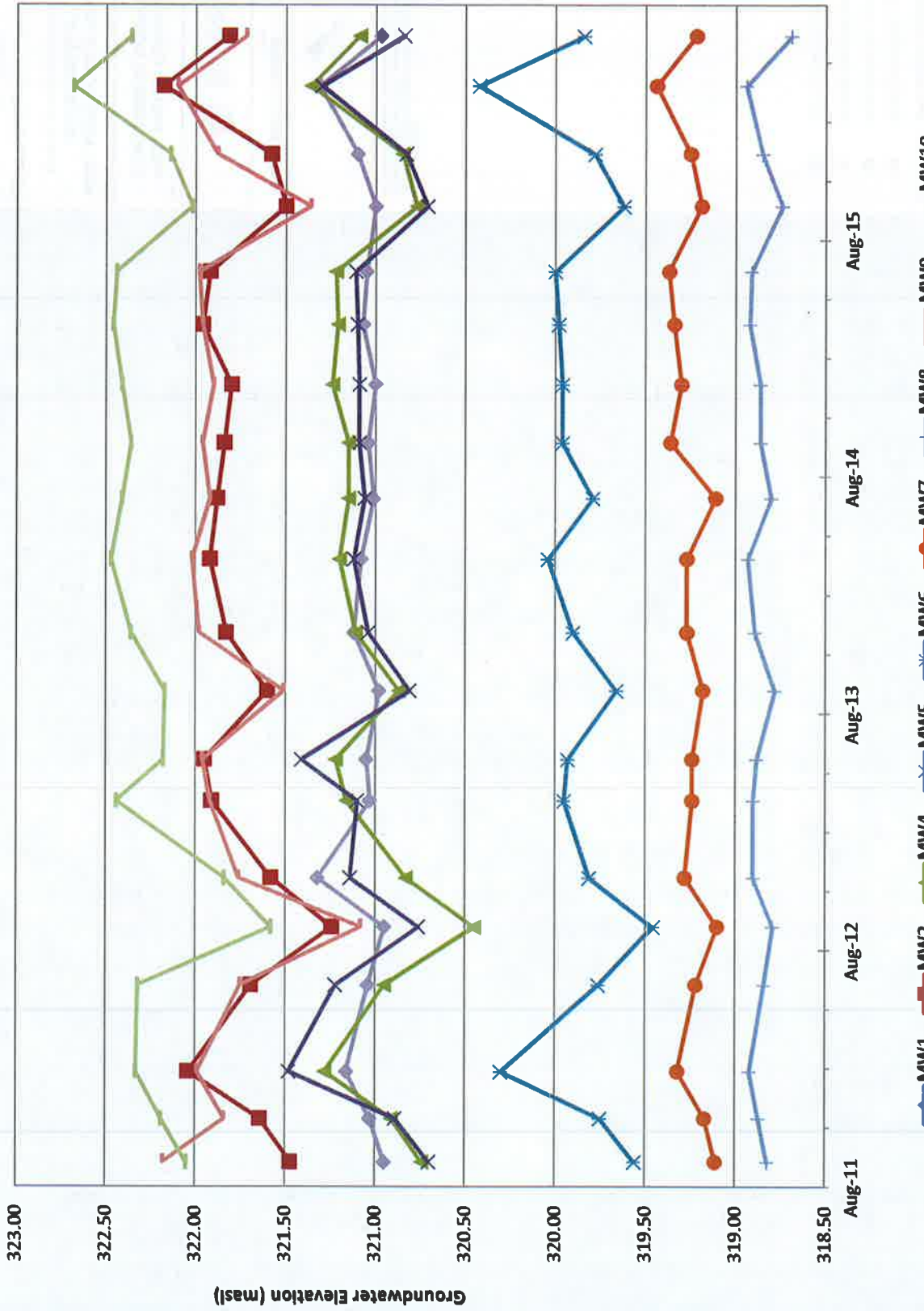
Client
**WELLINGTON COMMON ELEMENTS
 CONDOMINIUM CORPORATION #214**

Figure Title
**MINI LAKES MOBILE HOME COMMUNITY
 WATER QUALITY REPORT
 SITE PLAN AND MONITORING LOCATIONS**

Drawn	Checked	Date	Figure No.
CD	SQ	July 2016	2
Scale		Project No.	
1:3,000		300038556.4000	

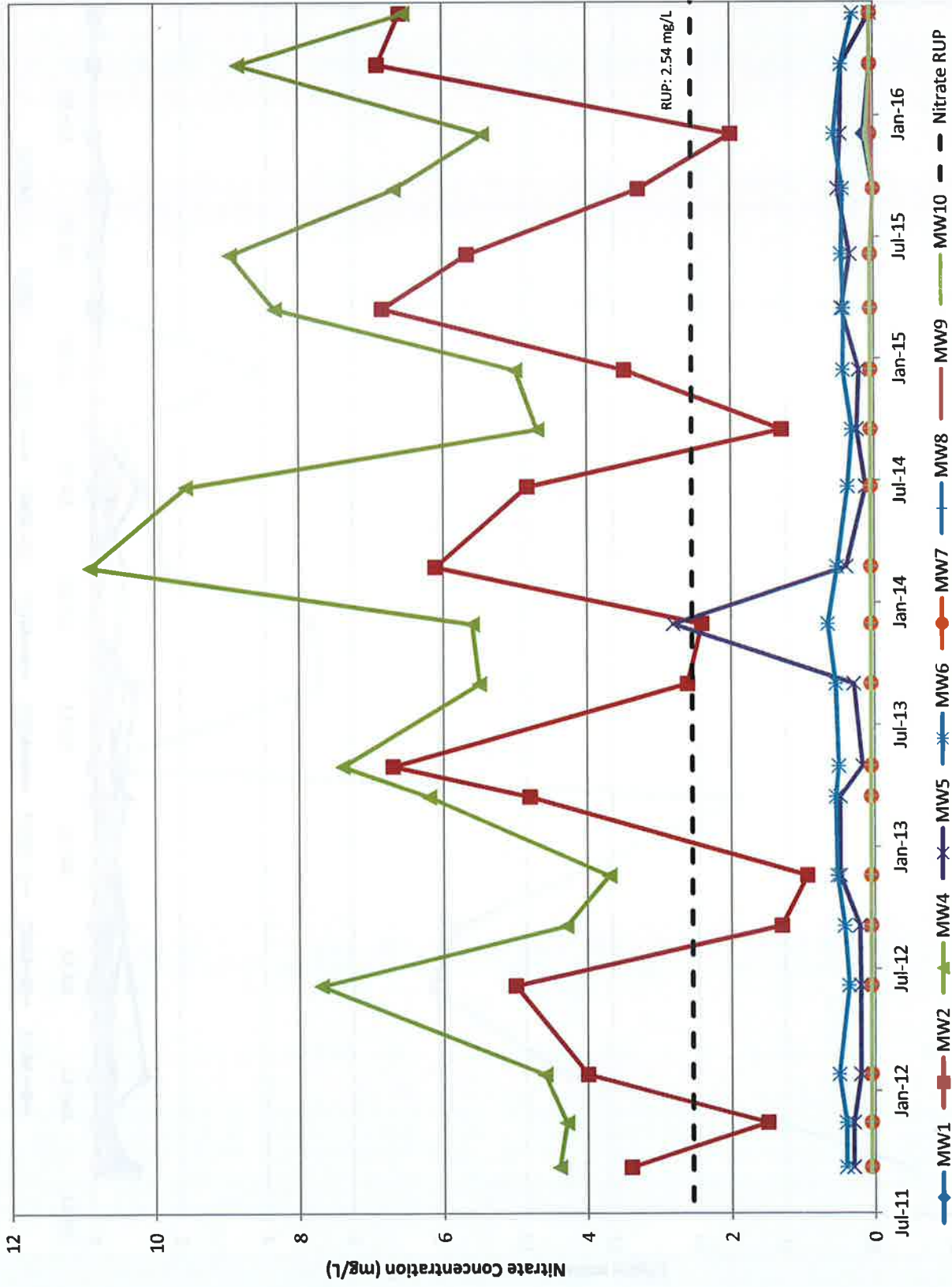
Mini Lakes

Figure 3: Groundwater Elevations - 2011-2016



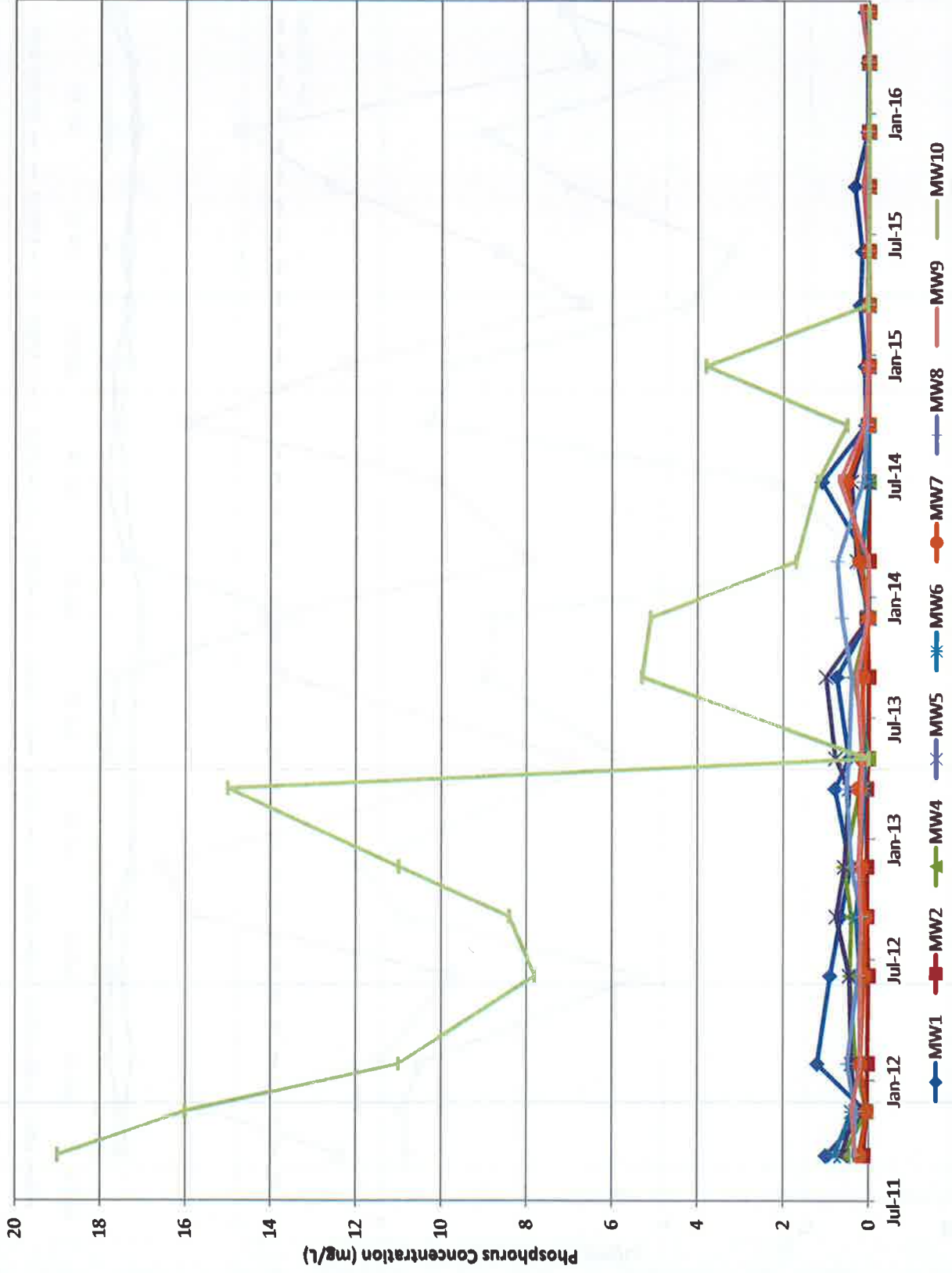
Mini Lakes

Figure 4: Nitrate Concentration in Groundwater Over Time



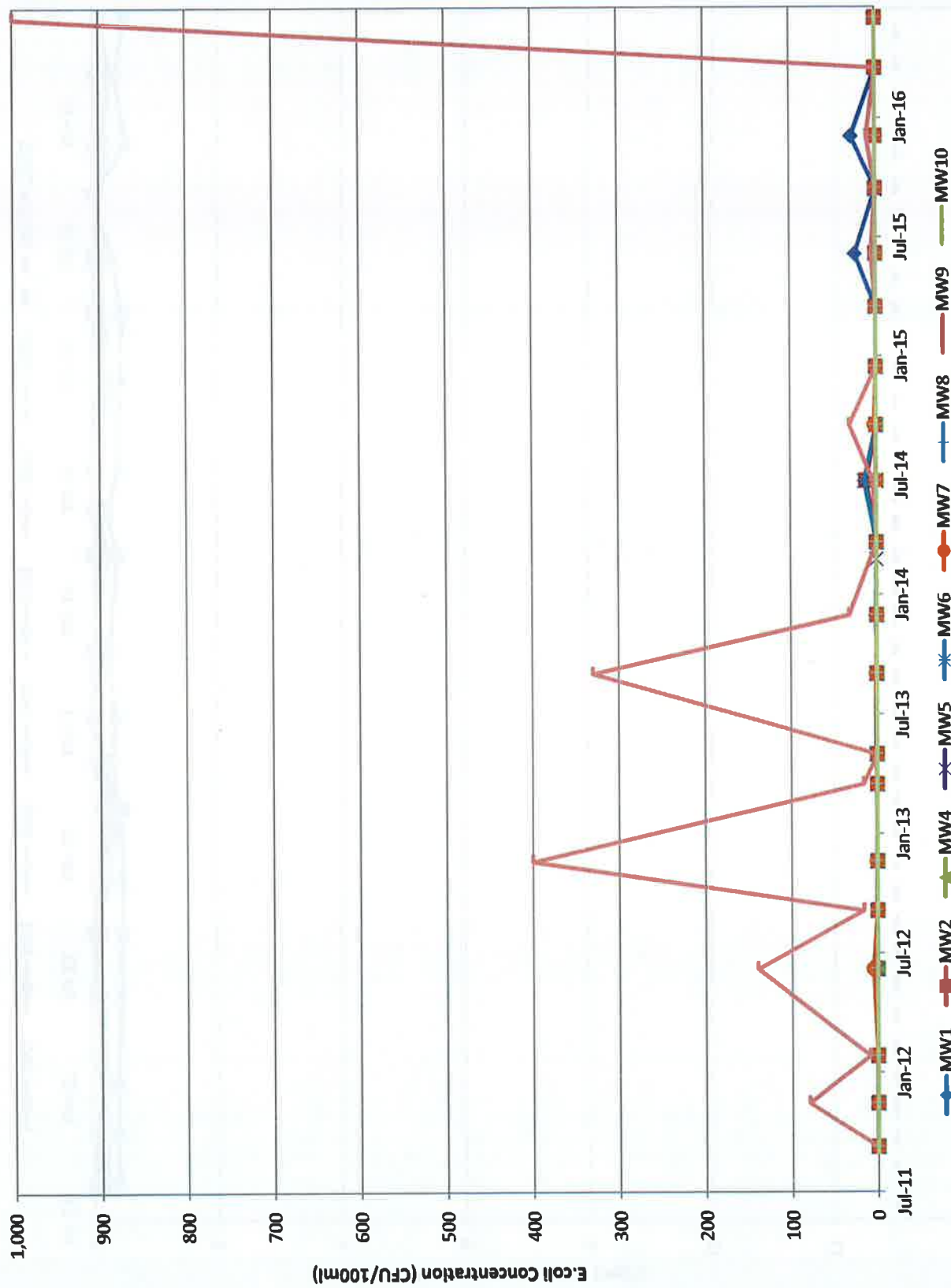
Mini Lakes

Figure 5: Phosphorus Concentration in Groundwater Over Time



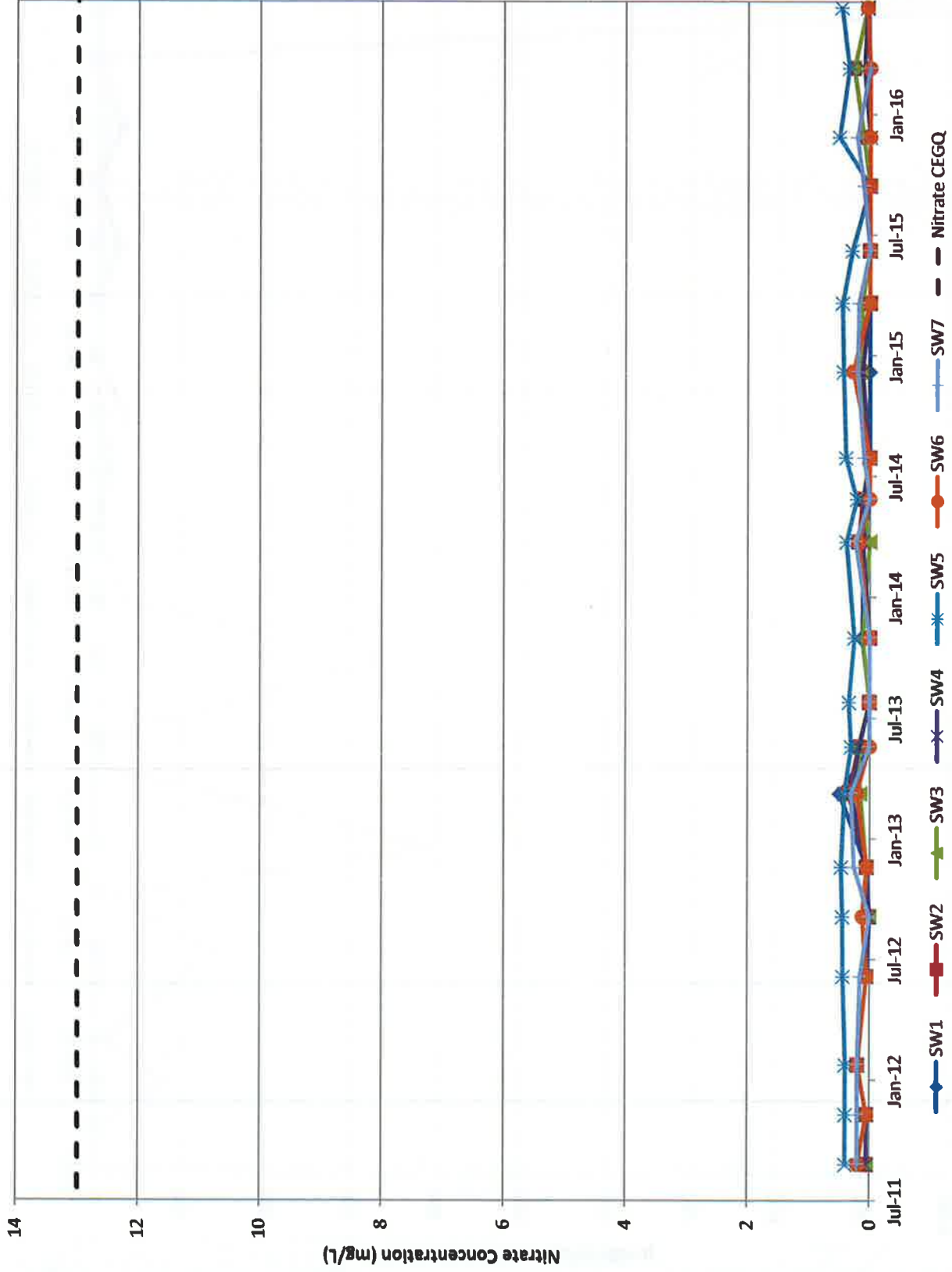
Mini Lakes

Figure 6: E.coli Concentration in Groundwater Over Time



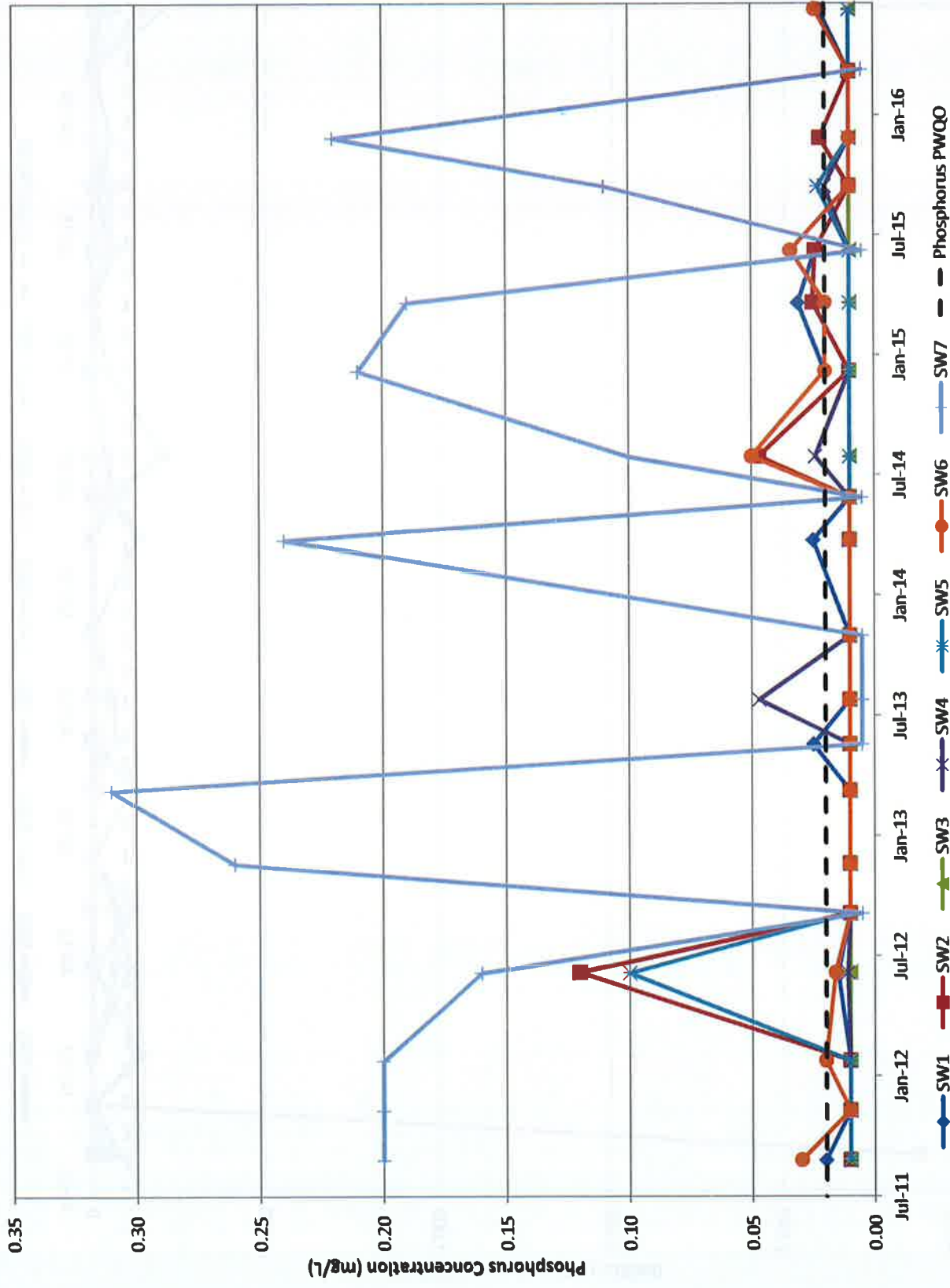
Mini Lakes

Figure 7: Nitrate Concentration in Surface water Over Time



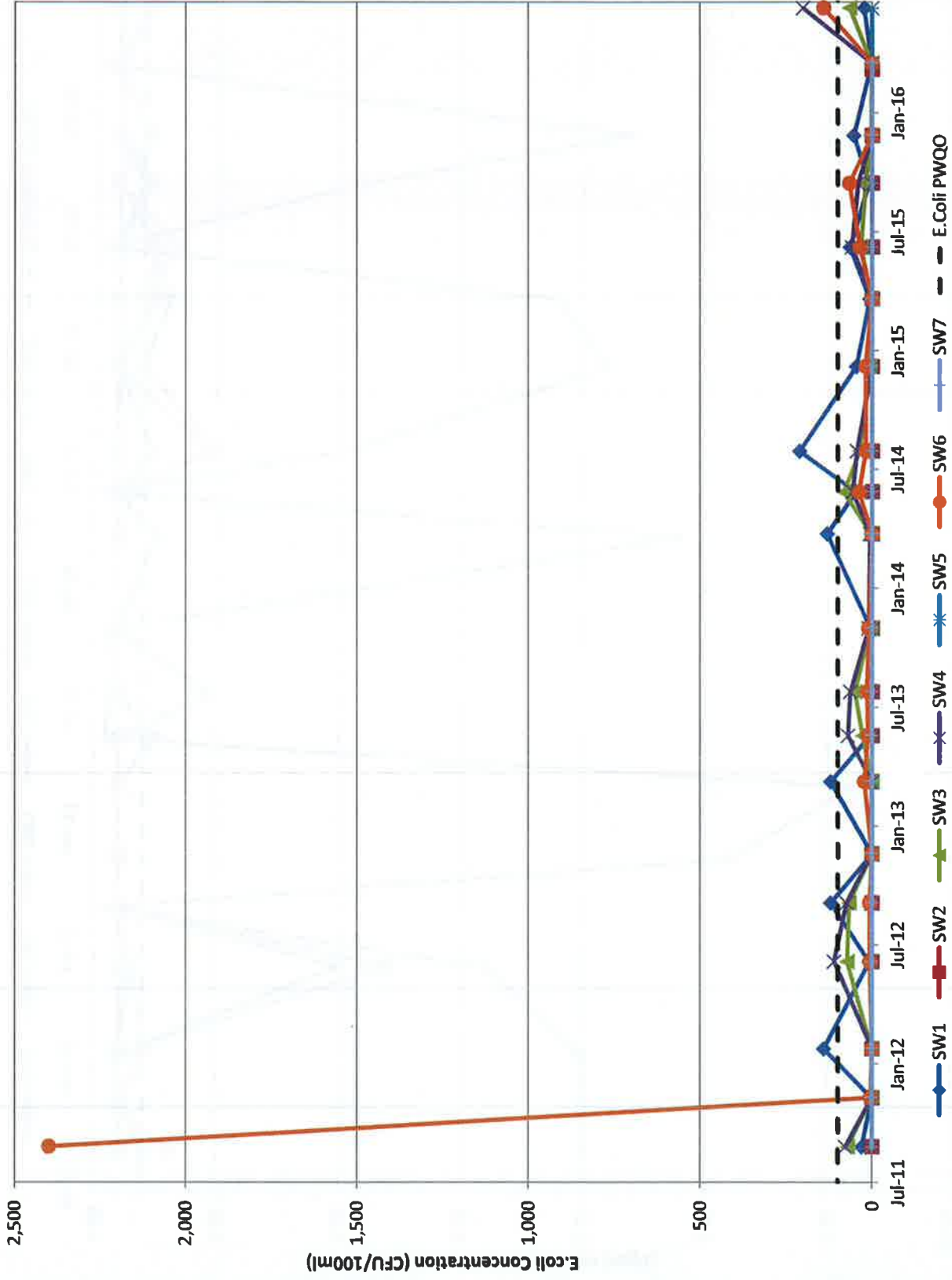
Mini Lakes

Figure 8: Phosphorus Concentration in Surface water Over Time



Mini Lakes

Figure 9: E.coli Concentration in Surface water Over Time





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Appendix A

Q2 - Certificate of Analysis

Appendix A



Your Project #: MINI LAKES
 Site Location: GUELPH, ON

Attention: John Wilson

American Water Services Canada Corp
 701 Main Street W
 Suite 100
 Hamilton, ON
 L8S 1A2

Your C.O.C. #: na, 120F1, 120F2, 120F4, 120F5, 120F6, 120F7, 120F8,
 120F9, 120FA

Report Date: 2016/06/20
 Report #: R4034794
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B6C1294

Received: 2016/06/14, 14:40

Sample Matrix: Water
 # Samples Received: 9

Analyses	Quantity	Date	Date	Laboratory Method	Reference
		Extracted	Analyzed		
Carbonaceous BOD	9	N/A	2016/06/20	CAM SOP-00427	SM 22 5210B m
Dissolved Organic Carbon (DOC) (1)	1	N/A	2016/06/15	CAM SOP-00446	SM 22 5310 B m
Dissolved Organic Carbon (DOC) (1)	8	N/A	2016/06/16	CAM SOP-00446	SM 22 5310 B m
E.coli, (CFU/100mL)	9	N/A	2016/06/14	CAM SOP-00552	MOE LSB E3371
Total Ammonia-N	9	N/A	2016/06/16	CAM SOP-00441	EPA GS I-2522-90 m
Nitrate (NO3) and Nitrite (NO2) in Water (2)	3	N/A	2016/06/16	CAM SOP-00440	SM 22 4500-NO3I/NO2B
Nitrate (NO3) and Nitrite (NO2) in Water (2)	6	N/A	2016/06/17	CAM SOP-00440	SM 22 4500-NO3I/NO2B
Total Kjeldahl Nitrogen in Water	9	2016/06/15	2016/06/15	CAM SOP-00938	OMOE E3516 m
Total Phosphorus (Colourimetric)	9	2016/06/16	2016/06/16	CAM SOP-00407	SM 22 4500 P B H m
Total Suspended Solids	9	N/A	2016/06/17	CAM SOP-00428	SM 22 2540D m

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.

(2) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Hongmei Zhao (Grace), Project Manager

Email: GZhao@maxxam.ca

Phone# (905)817-5752

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

RESULTS OF ANALYSES OF WATER

Maxxam ID		CNJ918		CNJ919		CNJ920			CNJ921		
Sampling Date		2016/06/14 09:15		2016/06/14 10:05		2016/06/14 09:50			2016/06/14 11:40		
COC Number		120F1		120F2		120F4			120F5		
	UNITS	MW-1	RDL	MW-2	QC Batch	MW-4	RDL	QC Batch	MW-5	RDL	QC Batch
Inorganics											
Total Ammonia-N	mg/L	1.8	0.050	ND	4540128	ND	0.050	4540128	ND	0.050	4540128
Total Carbonaceous BOD	mg/L	ND	2	ND	4540036	ND	2	4540036	ND	2	4540036
Total Kjeldahl Nitrogen (TKN)	mg/L	2.3	0.10	ND (1)	4540107	ND (1)	0.50	4540107	0.12	0.10	4540107
Dissolved Organic Carbon	mg/L	16	0.20	1.3	4542184	1.1	0.20	4542184	1.4	0.20	4541105
Total Phosphorus	mg/L	0.11	0.020	ND	4541714	ND	0.020	4541714	ND	0.020	4541714
Total Suspended Solids	mg/L	82	10	ND	4540825	13	10	4540825	ND	10	4540825
Nitrite (N)	mg/L	ND	0.010	ND	4543274	ND	0.010	4540841	ND	0.010	4540841
Nitrate (N)	mg/L	ND	0.10	6.59	4543274	6.54	0.10	4540841	ND	0.10	4540841
Nitrate + Nitrite (N)	mg/L	ND	0.10	6.59	4543274	6.54	0.10	4540841	ND	0.10	4540841
RDL = Reportable Detection Limit QC Batch = Quality Control Batch ND = Not detected (1) TKN: Due to high concentrations of NO3NO2, sample required dilution. Detection limits were adjusted accordingly.											

Maxxam ID		CNJ922		CNJ923		CNJ924		CNJ925		
Sampling Date		2016/06/14 12:00		2016/06/14 11:20		2016/06/14 11:00		2016/06/14 10:45		
COC Number		120F6		120F7		120F8		120F9		
	UNITS	MW-6	QC Batch	MW-7	QC Batch	MW-8	RDL	MW-9	RDL	QC Batch
Inorganics										
Total Ammonia-N	mg/L	ND	4540128	ND	4540128	1.5	0.050	5.9	0.25	4540128
Total Carbonaceous BOD	mg/L	ND	4540036	ND	4540036	ND	2	ND	2	4540036
Total Kjeldahl Nitrogen (TKN)	mg/L	ND	4540107	0.18	4540107	1.8	0.10	7.0	0.20	4540107
Dissolved Organic Carbon	mg/L	0.87	4542184	2.3	4542207	7.2	0.20	26	0.20	4542184
Total Phosphorus	mg/L	ND	4541714	ND	4541714	0.025	0.020	0.19	0.020	4541714
Total Suspended Solids	mg/L	ND	4540825	ND	4540825	10	10	43	10	4540825
Nitrite (N)	mg/L	ND	4543274	ND	4543274	ND	0.010	ND	0.010	4543274
Nitrate (N)	mg/L	0.29	4543274	ND	4543274	ND	0.10	ND	0.10	4543274
Nitrate + Nitrite (N)	mg/L	0.29	4543274	ND	4543274	ND	0.10	ND	0.10	4543274
RDL = Reportable Detection Limit QC Batch = Quality Control Batch ND = Not detected										

RESULTS OF ANALYSES OF WATER

Maxxam ID		CNJ926		
Sampling Date		2016/06/14 10:25		
COC Number		120FA		
	UNITS	MW-10	RDL	QC Batch
Inorganics				
Total Ammonia-N	mg/L	ND	0.050	4540128
Total Carbonaceous BOD	mg/L	ND	2	4540036
Total Kjeldahl Nitrogen (TKN)	mg/L	0.11	0.10	4540107
Dissolved Organic Carbon	mg/L	0.97	0.20	4542207
Total Phosphorus	mg/L	ND	0.020	4541714
Total Suspended Solids	mg/L	23	10	4540825
Nitrite (N)	mg/L	ND	0.010	4540841
Nitrate (N)	mg/L	ND	0.10	4540841
Nitrate + Nitrite (N)	mg/L	ND	0.10	4540841
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				
ND = Not detected				

MICROBIOLOGY (WATER)

Maxxam ID		CNJ918	CNJ919	CNJ920	CNJ921	CNJ922	CNJ923	CNJ924	
Sampling Date		2016/06/14 09:15	2016/06/14 10:05	2016/06/14 09:50	2016/06/14 11:40	2016/06/14 12:00	2016/06/14 11:20	2016/06/14 11:00	
COC Number		120F1	120F2	120F4	120F5	120F6	120F7	120F8	
	UNITS	MW-1	MW-2	MW-4	MW-5	MW-6	MW-7	MW-8	QC Batch

Microbiological									
Escherichia coli	CFU/100mL	0	0	0	0	0	0	0	4539582
QC Batch = Quality Control Batch									

Maxxam ID		CNJ925	CNJ926	
Sampling Date		2016/06/14 10:45	2016/06/14 10:25	
COC Number		120F9	120FA	
	UNITS	MW-9	MW-10	QC Batch

Microbiological				
Escherichia coli	CFU/100mL	1000	0	4539582
QC Batch = Quality Control Batch				

Maxxam Job #: B6C1294
Report Date: 2016/06/20

American Water Services Canada Corp
Client Project #: MINI LAKES
Site Location: GUELPH, ON
Sampler Initials: JW

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	18.7°C
Package 2	19.3°C

Results relate only to the items tested.

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
4540036	BKE	QC Standard	Total Carbonaceous BOD	2016/06/20		98	%	85 - 115
4540036	BKE	Method Blank	Total Carbonaceous BOD	2016/06/20	ND,RDL=2		mg/L	
4540036	BKE	RPD	Total Carbonaceous BOD	2016/06/20	3.4		%	25
4540107	LHA	Matrix Spike	Total Kjeldahl Nitrogen (TKN)	2016/06/15		NC	%	80 - 120
4540107	LHA	QC Standard	Total Kjeldahl Nitrogen (TKN)	2016/06/15		95	%	80 - 120
4540107	LHA	Spiked Blank	Total Kjeldahl Nitrogen (TKN)	2016/06/15		97	%	80 - 120
4540107	LHA	Method Blank	Total Kjeldahl Nitrogen (TKN)	2016/06/15	ND, RDL=0.10		mg/L	
4540107	LHA	RPD	Total Kjeldahl Nitrogen (TKN)	2016/06/15	1.7		%	20
4540128	RTY	Matrix Spike [CNJ921-03]	Total Ammonia-N	2016/06/16		92	%	80 - 120
4540128	RTY	Spiked Blank	Total Ammonia-N	2016/06/16		102	%	85 - 115
4540128	RTY	Method Blank	Total Ammonia-N	2016/06/16	ND, RDL=0.050		mg/L	
4540128	RTY	RPD [CNJ921-03]	Total Ammonia-N	2016/06/16	NC		%	20
4540825	AS6	QC Standard	Total Suspended Solids	2016/06/17		98	%	85 - 115
4540825	AS6	Method Blank	Total Suspended Solids	2016/06/17	ND, RDL=10		mg/L	
4540825	AS6	RPD [CNJ922-02]	Total Suspended Solids	2016/06/17	NC		%	25
4540841	C_N	Matrix Spike	Nitrite (N)	2016/06/16		110	%	80 - 120
			Nitrate (N)	2016/06/16		87	%	80 - 120
4540841	C_N	Spiked Blank	Nitrite (N)	2016/06/16		110	%	80 - 120
			Nitrate (N)	2016/06/16		95	%	80 - 120
4540841	C_N	Method Blank	Nitrite (N)	2016/06/16	ND, RDL=0.010		mg/L	
			Nitrate (N)	2016/06/16	ND, RDL=0.10		mg/L	
4540841	C_N	RPD	Nitrate (N)	2016/06/16	0.61		%	25
4541105	AHA	Matrix Spike	Dissolved Organic Carbon	2016/06/15		101	%	80 - 120
4541105	AHA	Spiked Blank	Dissolved Organic Carbon	2016/06/15		102	%	80 - 120
4541105	AHA	Method Blank	Dissolved Organic Carbon	2016/06/15	ND, RDL=0.20		mg/L	
4541105	AHA	RPD	Dissolved Organic Carbon	2016/06/15	0.94		%	20
4541714	SNR	Matrix Spike	Total Phosphorus	2016/06/16		99	%	80 - 120
4541714	SNR	QC Standard	Total Phosphorus	2016/06/16		100	%	80 - 120
4541714	SNR	Spiked Blank	Total Phosphorus	2016/06/16		99	%	80 - 120
4541714	SNR	Method Blank	Total Phosphorus	2016/06/16	ND, RDL=0.020		mg/L	
4541714	SNR	RPD	Total Phosphorus	2016/06/16	NC		%	20
4542184	AHA	Matrix Spike	Dissolved Organic Carbon	2016/06/16		94	%	80 - 120
4542184	AHA	Spiked Blank	Dissolved Organic Carbon	2016/06/16		103	%	80 - 120
4542184	AHA	Method Blank	Dissolved Organic Carbon	2016/06/16	ND, RDL=0.20		mg/L	
4542184	AHA	RPD	Dissolved Organic Carbon	2016/06/16	0.99		%	20
4542207	AHA	Matrix Spike	Dissolved Organic Carbon	2016/06/16		103	%	80 - 120
4542207	AHA	Spiked Blank	Dissolved Organic Carbon	2016/06/16		102	%	80 - 120
4542207	AHA	Method Blank	Dissolved Organic Carbon	2016/06/16	ND, RDL=0.20		mg/L	
4542207	AHA	RPD	Dissolved Organic Carbon	2016/06/16	0.56		%	20
4543274	C_N	Matrix Spike [CNJ919-01]	Nitrite (N)	2016/06/17		111	%	80 - 120
			Nitrate (N)	2016/06/17		NC	%	80 - 120
4543274	C_N	Spiked Blank	Nitrite (N)	2016/06/17		109	%	80 - 120

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC				Date				
Batch	Init	QC Type	Parameter	Analyzed	Value	Recovery	UNITS	QC Limits
4543274	C_N	Method Blank	Nitrate (N)	2016/06/17		94	%	80 - 120
			Nitrite (N)	2016/06/17	ND, RDL=0.010		mg/L	
			Nitrate (N)	2016/06/17	ND, RDL=0.10		mg/L	
4543274	C_N	RPD [CNJ919-01]	Nitrite (N)	2016/06/17	NC		%	25
			Nitrate (N)	2016/06/17	0.14		%	25

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spiked amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than 2x that of the native sample concentration).

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Cristina Carriere

Cristina Carriere, Scientific Services

Ranju

Ranju Chaudhari

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

CHAIN OF CUSTODY RECORD

Maxxam Waterworks
 15000 Highway 101, Suite 100, Merrittville, IN 46781
 Phone: 317-783-1300 Fax: 317-783-1300
 Toll Free: (800) 550-5286

INVOICE INFORMATION:
 Company Name: Waterworks Common Chant (3024)
 Account Payable: 28 Bell Court
 Address: Quincy, ON, N7C 0A5
 Phone: 519-783-1300 Fax: 519-783-0174
 Email: FDI

REPORT INFORMATION (if differs from invoice):
 Company Name: American Water Canada Corp.
 Contact Name: Greg Frangley
 Address: 300 Eastport Blvd
 Hamilton, Ontario, L8H 7S4
 Phone: 505-521-4805 Fax: 305-501-8613
 Email: gfrangley@amwater.com

PROJECT INFORMATION:
 Customer # [blank]
 Project # [blank]
 Project Name: Mini Lakes
 Location: Clendon, ON
 Started by: John Wilson

MAXIMUM JOB NUMBER: [blank]
CLIENT ID #: 9208

TURNAROUND TIME (TAT)
 PLEASE PROVIDE ADVANCE PROJECT INFORMATION
 Regular (Standard) TAT: 5 to 7 Working Days
 Rush TAT: Rush Confirmation # [blank] (call Lab for #)
 DATE Required: 1 day 2 days 3 days

REGULATORY CRITERIA
 Note: For regulated drinking water samples, please use the Drinking Water Chain of Custody Form
 MSA Reg 153
 Table 1
 PWQG Table 2
 Reg 550
 Other Monitoring
 Report Criteria on C of A:

Sample Identification	Waterline #	Date Sampled	Time Sampled	Matrix	Regulated Drinking Water (YN)	Total Ammonia Nitrogen	Total Nitrogen	Total Phosphorus	TS	DO	pH	Conductivity	EC	Color	WELL DEPTHS (METERS)
1 MW-1	120F1	June 14 16 0715	0715	Groundwater	N	X	X	X	X	X	X	X	X	X	STATIC 1.44 RUNNING 1.46
2 MW-2	120F2	June 14 16 1005	1005	Groundwater	N	X	X	X	X	X	X	X	X	X	2.385 2.39
3 MW-4	120F4	June 14 16 0850	0850	Groundwater	N	X	X	X	X	X	X	X	X	X	2.15 2.16
4 MW-5	120F5	June 14 16 1140	1140	Groundwater	N	X	X	X	X	X	X	X	X	X	2.20 2.30
5 MW-6	120F6	June 14 16 1200	1200	Groundwater	N	X	X	X	X	X	X	X	X	X	2.04 2.10
6 MW-7	120F7	June 14 16 1100	1100	Groundwater	N	X	X	X	X	X	X	X	X	X	1.96 1.98
7 MW-8	120F8	June 14 16 1045	1045	Groundwater	N	X	X	X	X	X	X	X	X	X	1.97 1.89
8 MW-9	120F9	June 14 16 1045	1045	Groundwater	N	X	X	X	X	X	X	X	X	X	1.12 1.17
9 MW-10	120FA	June 14 16 1035	1035	Groundwater	N	X	X	X	X	X	X	X	X	X	2.80 2.90

RECEIVED BY: (Signature/Print) [Signature]
DATE: June 16, 2016
LABORATORY USE ONLY:
 Temperature (C) on Report: [blank]
 Calibration of Sample on Report: [blank]
 Ok SIF

* MANDATORY SECTIONS IN GREY MUST BE FILLED OUT. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS
 20160614 15:45
 REC'D IN WATERLOO
 71415 41715

4-Jun-16 14:40
 Hongmei Zhao (Grace)
 B6C1294
 WAT-001

Your Project #: MINI LAKES
Site Location: GUELPH, ON

Attention:Shane Morris

American Water Services Canada Corp
701 Main Street W
Suite 100
Hamilton, ON
L8S 1A2

Your C.O.C. #: na, 120FB, 120FE, 120FF, 12102, 12100

Report Date: 2016/06/29
Report #: R4045784
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B6C8953

Received: 2016/06/22, 14:55

Sample Matrix: Water
Samples Received: 5

Analyses	Quantity	Date	Date	Laboratory Method	Reference
		Extracted	Analyzed		
E.coli, (CFU/100mL)	5	N/A	2016/06/22	CAM SOP-00552	MOE LSB E3371
Total Ammonia-N	5	N/A	2016/06/28	CAM SOP-00441	EPA GS I-2522-90 m
Nitrate (NO3) and Nitrite (NO2) in Water (1)	3	N/A	2016/06/27	CAM SOP-00440	SM 22 4500-NO3I/NO2B
Nitrate (NO3) and Nitrite (NO2) in Water (1)	2	N/A	2016/06/28	CAM SOP-00440	SM 22 4500-NO3I/NO2B
Total Kjeldahl Nitrogen in Water	5	2016/06/25	2016/06/27	CAM SOP-00938	OMOE E3516 m
Total Phosphorus (Colourimetric)	5	2016/06/25	2016/06/27	CAM SOP-00407	SM 22 4500 P B H m
Total Suspended Solids	4	N/A	2016/06/24	CAM SOP-00428	SM 22 2540D m
Total Suspended Solids	1	N/A	2016/06/27	CAM SOP-00428	SM 22 2540D m

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Hongmei Zhao (Grace), Project Manager
Email: GZhao@maxxam.ca
Phone# (905)817-5752

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B6C8953
Report Date: 2016/06/29

American Water Services Canada Corp
Client Project #: MINI LAKES
Site Location: GUELPH, ON
Sampler Initials: SM

RESULTS OF ANALYSES OF WATER

Maxxam ID		COV259		COV260		COV261		
Sampling Date		2016/06/22 09:00		2016/06/22 09:15		2016/06/22 09:30		
COC Number		120FB		120FE		120FF		
	UNITS	SW#1 UPGRADIENT TRIB	QC Batch	SW#3 MAIN POND#2	QC Batch	SW#4 MAIN POND OUTLET	RDL	QC Batch
Inorganics								
Total Ammonia-N	mg/L	ND	4555179	ND	4555179	ND	0.050	4555179
Total Kjeldahl Nitrogen (TKN)	mg/L	0.36	4555233	0.31	4555233	0.32	0.10	4555233
Total Phosphorus	mg/L	0.022	4555156	ND	4555156	ND	0.020	4555156
Total Suspended Solids	mg/L	ND	4553982	ND	4553667	ND	10	4553667
Nitrite (N)	mg/L	ND	4555130	ND	4555133	ND	0.010	4555401
Nitrate (N)	mg/L	ND	4555130	ND	4555133	ND	0.10	4555401
Nitrate + Nitrite (N)	mg/L	ND	4555130	ND	4555133	ND	0.10	4555401
RDL = Reportable Detection Limit QC Batch = Quality Control Batch ND = Not detected								

Maxxam ID		COV262		COV263		
Sampling Date		2016/06/22 10:10		2016/06/22 09:45		
COC Number		12102		12100		
	UNITS	SW#5 COUNTRY RD34	QC Batch	SW#6 PROPERTY OUTLET	RDL	QC Batch
Inorganics						
Total Ammonia-N	mg/L	ND	4555179	ND	0.050	4555179
Total Kjeldahl Nitrogen (TKN)	mg/L	0.19	4555233	0.34	0.10	4555233
Total Phosphorus	mg/L	ND	4555156	0.024	0.020	4555156
Total Suspended Solids	mg/L	ND	4553667	ND	10	4553667
Nitrite (N)	mg/L	ND	4554310	ND	0.010	4555401
Nitrate (N)	mg/L	0.47	4554310	ND	0.10	4555401
Nitrate + Nitrite (N)	mg/L	0.47	4554310	ND	0.10	4555401
RDL = Reportable Detection Limit QC Batch = Quality Control Batch ND = Not detected						

MICROBIOLOGY (WATER)

Maxxam ID		COV259	COV260	COV261	COV262	
Sampling Date		2016/06/22 09:00	2016/06/22 09:15	2016/06/22 09:30	2016/06/22 10:10	
COC Number		120FB	120FE	120FF	12102	
	UNITS	SW#1 UPGRADIENT TRIB	SW#3 MAIN POND#2	SW#4 MAIN POND OUTLET	SW#5 COUNTRY RD34	QC Batch
Microbiological						
Escherichia coli	CFU/100mL	23	65	200	560	4551361
QC Batch = Quality Control Batch						

Maxxam ID		COV263	
Sampling Date		2016/06/22 09:45	
COC Number		12100	
	UNITS	SW#6 PROPERTY OUTLET	QC Batch
Microbiological			
Escherichia coli	CFU/100mL	140	4551361
QC Batch = Quality Control Batch			



Maxxam Job #: B6C8953
Report Date: 2016/06/29

American Water Services Canada Corp
Client Project #: MINI LAKES
Site Location: GUELPH, ON
Sampler Initials: SM

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	16.0°C
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Results relate only to the items tested.

QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	4553667	AS6	QC Standard	Total Suspended Solids	2016/06/24		98	%	85 - 115
	4553667	AS6	Method Blank	Total Suspended Solids	2016/06/24	ND, RDL=10		mg/L	
	4553667	AS6	RPD [COV263-02]	Total Suspended Solids	2016/06/24	NC		%	25
	4553982	LWA	QC Standard	Total Suspended Solids	2016/06/27		98	%	85 - 115
	4553982	LWA	Method Blank	Total Suspended Solids	2016/06/27	ND, RDL=10		mg/L	
	4553982	LWA	RPD [COV259-02]	Total Suspended Solids	2016/06/27	NC		%	25
	4554310	C_N	Matrix Spike	Nitrite (N)	2016/06/27		101	%	80 - 120
				Nitrate (N)	2016/06/27		99	%	80 - 120
	4554310	C_N	Spiked Blank	Nitrite (N)	2016/06/27		100	%	80 - 120
				Nitrate (N)	2016/06/27		103	%	80 - 120
	4554310	C_N	Method Blank	Nitrite (N)	2016/06/27	ND, RDL=0.010		mg/L	
				Nitrate (N)	2016/06/27	ND, RDL=0.10		mg/L	
	4554310	C_N	RPD	Nitrite (N)	2016/06/27	NC		%	25
				Nitrate (N)	2016/06/27	NC		%	25
	4555130	C_N	Matrix Spike	Nitrite (N)	2016/06/28		98	%	80 - 120
				Nitrate (N)	2016/06/28		98	%	80 - 120
	4555130	C_N	Spiked Blank	Nitrite (N)	2016/06/28		109	%	80 - 120
				Nitrate (N)	2016/06/28		98	%	80 - 120
	4555130	C_N	Method Blank	Nitrite (N)	2016/06/28	ND, RDL=0.010		mg/L	
				Nitrate (N)	2016/06/28	ND, RDL=0.10		mg/L	
	4555130	C_N	RPD	Nitrite (N)	2016/06/28	NC		%	25
				Nitrate (N)	2016/06/28	NC		%	25
	4555133	C_N	Matrix Spike	Nitrite (N)	2016/06/28		99	%	80 - 120
				Nitrate (N)	2016/06/28		96	%	80 - 120
	4555133	C_N	Spiked Blank	Nitrite (N)	2016/06/28		108	%	80 - 120
				Nitrate (N)	2016/06/28		98	%	80 - 120
	4555133	C_N	Method Blank	Nitrite (N)	2016/06/28	ND, RDL=0.010		mg/L	
				Nitrate (N)	2016/06/28	ND, RDL=0.10		mg/L	
	4555133	C_N	RPD	Nitrite (N)	2016/06/28	NC		%	25
				Nitrate (N)	2016/06/28	NC		%	25
	4555156	SNR	Matrix Spike	Total Phosphorus	2016/06/27		101	%	80 - 120
	4555156	SNR	QC Standard	Total Phosphorus	2016/06/27		100	%	80 - 120
	4555156	SNR	Spiked Blank	Total Phosphorus	2016/06/27		100	%	80 - 120
	4555156	SNR	Method Blank	Total Phosphorus	2016/06/27	ND, RDL=0.020		mg/L	
	4555156	SNR	RPD	Total Phosphorus	2016/06/27	2.3		%	20
	4555179	RTY	Matrix Spike	Total Ammonia-N	2016/06/28		96	%	80 - 120
	4555179	RTY	Spiked Blank	Total Ammonia-N	2016/06/28		97	%	85 - 115
	4555179	RTY	Method Blank	Total Ammonia-N	2016/06/28	ND, RDL=0.050		mg/L	
	4555179	RTY	RPD	Total Ammonia-N	2016/06/28	NC		%	20
	4555233	AAY	Matrix Spike [COV259-03]	Total Kjeldahl Nitrogen (TKN)	2016/06/27		107	%	80 - 120
	4555233	AAY	QC Standard	Total Kjeldahl Nitrogen (TKN)	2016/06/27		103	%	80 - 120

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	4555233	AAY	Spiked Blank	Total Kjeldahl Nitrogen (TKN)	2016/06/27		104	%	80 - 120
	4555233	AAY	Method Blank	Total Kjeldahl Nitrogen (TKN)	2016/06/27	ND, RDL=0.10		mg/L	
	4555233	AAY	RPD [COV259-03]	Total Kjeldahl Nitrogen (TKN)	2016/06/27	NC		%	20
	4555401	C_N	Matrix Spike	Nitrite (N)	2016/06/27		98	%	80 - 120
				Nitrate (N)	2016/06/27		97	%	80 - 120
	4555401	C_N	Spiked Blank	Nitrite (N)	2016/06/27		100	%	80 - 120
				Nitrate (N)	2016/06/27		102	%	80 - 120
	4555401	C_N	Method Blank	Nitrite (N)	2016/06/27	ND, RDL=0.010		mg/L	
				Nitrate (N)	2016/06/27	ND, RDL=0.10		mg/L	
	4555401	C_N	RPD	Nitrite (N)	2016/06/27	NC		%	25
				Nitrate (N)	2016/06/27	NC		%	25

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Cristina Carriere

Cristina Carriere, Scientific Services

Ranju

Ranju Chaudhari

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Your Project #: MIMI LAKES
Site Location: GUELPH, ON
Your C.O.C. #: na, 120DB, 120DD

Attention: John Wilson

American Water Services Canada Corp
701 Main Street W
Suite 100
Hamilton, ON
L8S 1A2

Report Date: 2016/04/29
Report #: R3977156
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B680564
Received: 2016/04/22, 13:50

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date		Laboratory Method	Reference
		Extracted	Analyzed		
Carbonaceous BOD	2	N/A	2016/04/28	CAM SOP-00427	SM 22 5210B m
Dissolved Oxygen	1	N/A	2016/04/23	CAM SOP-00427	SM 22 4500 O G m
E.coli, (CFU/100mL)	1	N/A	2016/04/22	CAM SOP-00552	MOE LSB E3371
Total Ammonia-N	2	N/A	2016/04/29	CAM SOP-00441	EPA GS I-2522-90 m
Nitrate (NO3) and Nitrite (NO2) in Water (1)	1	N/A	2016/04/27	CAM SOP-00440	SM 22 4500-NO3I/NO2B
pH	2	N/A	2016/04/26	CAM SOP-00413	SM 4500H+ B m
Total Kjeldahl Nitrogen in Water	1	2016/04/26	2016/04/27	CAM SOP-00938	OMOE E3516 m
Total Kjeldahl Nitrogen in Water	1	2016/04/26	2016/04/28	CAM SOP-00938	OMOE E3516 m
Total Phosphorus (Colourimetric)	2	2016/04/26	2016/04/26	CAM SOP-00407	SM 4500 P B H m
Total Suspended Solids	1	N/A	2016/04/27	CAM SOP-00428	SM 22 2540D m
Low Level Total Suspended Solids	1	N/A	2016/04/25	CAM SOP-00428	SM 22 2540D m

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Hongmei Zhao (Grace), Project Manager
Email: GZhao@maxxam.ca
Phone# (905)817-5752

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RESULTS OF ANALYSES OF WATER

Maxxam ID		CFV152			CFV153		
Sampling Date		2016/04/22 11:20			2016/04/22 12:00		
COC Number		120DB			120DD		
	UNITS	PRIMARY CLARIFIER	RDL	QC Batch	FINAL EFFLUENT	RDL	QC Batch
Inorganics							
Total Ammonia-N	mg/L	12	0.050	4471438	2.8	0.050	4471438
Total Carbonaceous BOD	mg/L	45	2	4470095	8	2	4470095
Total Kjeldahl Nitrogen (TKN)	mg/L	18	1.0	4472697	3.6	0.50	4472697
Dissolved Oxygen	mg/L			4470521	8.76		4470521
pH	pH	7.27		4473247	7.19		4473247
Total Phosphorus	mg/L	1.8	0.040	4472650	0.092	0.020	4472650
Total Suspended Solids	mg/L	44	10	4472664	4	1	4470046
Nitrite (N)	mg/L				0.492	0.010	4471940
Nitrate (N)	mg/L				6.42	0.10	4471940
Nitrate + Nitrite (N)	mg/L				6.92	0.10	4471940
RDL = Reportable Detection Limit QC Batch = Quality Control Batch							

MICROBIOLOGY (WATER)

Maxxam ID		CFV153	
Sampling Date		2016/04/22 12:00	
COC Number		120DD	
	UNITS	FINAL EFFLUENT	QC Batch
Microbiological			
Escherichia coli	CFU/100mL	2100	4469861
QC Batch = Quality Control Batch			

Maxxam Job #: B680564
Report Date: 2016/04/29

American Water Services Canada Corp
Client Project #: MIMI LAKES
Site Location: GUELPH, ON
Sampler Initials: JW

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	7.3°C
-----------	-------

Results relate only to the items tested.

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
4470046	FW	QC Standard	Total Suspended Solids	2016/04/25		99	%	85 - 115
4470046	FW	Method Blank	Total Suspended Solids	2016/04/25	ND,RDL=1		mg/L	
4470046	FW	RPD	Total Suspended Solids	2016/04/25	NC		%	25
4470095	HSH	QC Standard	Total Carbonaceous BOD	2016/04/28		96	%	85 - 115
4470095	HSH	Method Blank	Total Carbonaceous BOD	2016/04/28	ND,RDL=2		mg/L	
4470095	HSH	RPD	Total Carbonaceous BOD	2016/04/28	4.8		%	25
4471438	COP	Matrix Spike	Total Ammonia-N	2016/04/29		93	%	80 - 120
4471438	COP	Spiked Blank	Total Ammonia-N	2016/04/29		98	%	85 - 115
4471438	COP	Method Blank	Total Ammonia-N	2016/04/29	ND, RDL=0.050		mg/L	
4471438	COP	RPD	Total Ammonia-N	2016/04/29	NC		%	20
4471940	C_N	Matrix Spike	Nitrite (N)	2016/04/27		107	%	80 - 120
			Nitrate (N)	2016/04/27		93	%	80 - 120
4471940	C_N	Spiked Blank	Nitrite (N)	2016/04/27		105	%	80 - 120
			Nitrate (N)	2016/04/27		95	%	80 - 120
4471940	C_N	Method Blank	Nitrite (N)	2016/04/27	ND, RDL=0.010		mg/L	
			Nitrate (N)	2016/04/27	ND, RDL=0.10		mg/L	
4471940	C_N	RPD	Nitrite (N)	2016/04/27	NC		%	25
			Nitrate (N)	2016/04/27	NC		%	25
4472650	AHA	Matrix Spike	Total Phosphorus	2016/04/26		103	%	80 - 120
4472650	AHA	QC Standard	Total Phosphorus	2016/04/26		106	%	N/A
4472650	AHA	Spiked Blank	Total Phosphorus	2016/04/26		102	%	80 - 120
4472650	AHA	Method Blank	Total Phosphorus	2016/04/26	ND, RDL=0.020		mg/L	
4472650	AHA	RPD	Total Phosphorus	2016/04/26	NC		%	20
4472664	LWA	QC Standard	Total Suspended Solids	2016/04/27		100	%	85 - 115
4472664	LWA	Method Blank	Total Suspended Solids	2016/04/27	ND, RDL=10		mg/L	
4472664	LWA	RPD	Total Suspended Solids	2016/04/27	NC		%	25
4472697	AAY	Matrix Spike	Total Kjeldahl Nitrogen (TKN)	2016/04/27		101	%	80 - 120
4472697	AAY	QC Standard	Total Kjeldahl Nitrogen (TKN)	2016/04/27		99	%	80 - 120
4472697	AAY	Spiked Blank	Total Kjeldahl Nitrogen (TKN)	2016/04/27		99	%	80 - 120
4472697	AAY	Method Blank	Total Kjeldahl Nitrogen (TKN)	2016/04/27	ND, RDL=0.10		mg/L	
4472697	AAY	RPD	Total Kjeldahl Nitrogen (TKN)	2016/04/27	NC		%	20
4473247	NYS	Spiked Blank	pH	2016/04/26		102	%	98 - 103

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC			Parameter	Date	Value	Recovery	UNITS	QC Limits
Batch	Init	QC Type		Analyzed				
4473247	NYS	RPD	pH	2016/04/26	0.0027		%	N/A
<p>N/A = Not Applicable</p> <p>Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.</p> <p>Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.</p> <p>QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.</p> <p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p> <p>NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).</p>								

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Cristina Carriere

Cristina Carriere, Scientific Services

Vimukthi Gunawardhan

Vimukthi Gunawardhan

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6740 Campbell Road, Mississauga, Ontario L5N 2L8 www.maxxam.ca
 Phone: 905.817.5700 Fax: 905.817.5779 Toll Free: 800.563.6266

CHAIN OF CUSTODY RECORD

Page _____ of _____

REPORT INFORMATION (if differs from invoice)
 Company Name: AmeriClear Water Canada Corp
 Contact Name: Greg Prangley
 Address: 200 Eastport Blvd
 Hamilton, Ontario, L8H 7S4
 Phone: 905-523-4605 Fax: 905-544-0266
 Email: gprangley@amwater.com

PROJECT INFORMATION
 Quantity # B07520
 P.O. #
 Project # Mini Lakes
 Site # Guelph, ON
 Turned In By John Wilson

TURNAROUND TIME (TAT) REQUIRED
 Regular Turnaround Time (5-7 days)
 PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
 Rush TAT (Applicable Surcharge)
 1 Day (100%)
 2 Days (50%)
 3-4 Days (25%)

MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE MAXXAM DRINKING WATER CHAIN OF CUSTODY.

REGULATION 153 (2011)
 Table 1 Res/Park Med/Fine
 Table 2 Ind/Comm Contam
 Table 3 Agr/Other
 Table 4 Other (Specify)
 FOR RSC (PLEASE CIRCLE) YES / NO

OTHER REGULATIONS
 Sanitary Sewer Bylaw
 Storm Sewer Bylaw
 MNSA
 PNCDO
 Municipality: MONITOR
 Other (Specify)
 NEG 508 (MINIMUM 3 DATAT REQUIRED)

Include Criteria on Certificate of Analysis (Y/N)?

FIELD FILTERED (PLEASE CIRCLE) Metals / Hq / CMI

SAMPLER IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	DATE RECEIVED	TIME RECEIVED	RECEIVED BY (Signature/Print)	DATE (YYYY/MM/DD)	TIME	FIELD FILTERED (PLEASE CIRCLE) Metals / Hq / CMI		ANALYSIS REQUESTED	Rush Confirmation #
								Metals	Hq / CMI		
1 Primary Clarifier	Apr 23/16	11:20	Apr 23/16	11:20	John Wilson	2016-04-23	13:50	N	X	CR05 Total Suspended Solids Total Ammonia Nitrogen Nitrate/Nitrite Nitrogen Total Kjeldahl Nitrogen E.Coli Dissolved Oxygen pH	
2 Final Effluent	Apr 24/16	12:00	Apr 24/16	12:00	John Wilson	2016-04-24	14:25	N	X	CR05 Total Suspended Solids Total Ammonia Nitrogen Nitrate/Nitrite Nitrogen Total Kjeldahl Nitrogen E.Coli Dissolved Oxygen pH	
3											
4											
5											
6											
7											
8											
9											
10											

LABORATORY USE ONLY
 Laboratory Use Only
 Temperature (C) on Receipt
 6.88 C
 6.71 C
 MAY 3 9 24
 Y SOCS
 COOLING MEDIA PRESENT (Y/N)
 COMMENTS / FAT COMMENTS
 1200B
 1200D

Rush Confirmation #
 Date Required:
 22-Apr-16 13:50
 Hongmei Zhao (Grace)
 B680564
 AC8 WAT-001

Maxxam Analytics International Corporation o/a Maxxam Analytics

RECD IN WATERLOO

Your Project #: MINI LAKES
Site Location: GUELPH, ON
Your C.O.C. #: na, 120DB, 120DD

Attention: John Wilson

American Water Services Canada Corp
701 Main Street W
Suite 100
Hamilton, ON
L8S 1A2

Report Date: 2016/05/24
Report #: R4001607
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B699306
Received: 2016/05/17, 13:30

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date		Laboratory Method	Reference
		Extracted	Analyzed		
Carbonaceous BOD	2	N/A	2016/05/23	CAM SOP-00427	SM 22 5210B m
Dissolved Oxygen	1	N/A	2016/05/18	CAM SOP-00427	SM 22 4500 O G m
E.coli, (CFU/100mL)	1	N/A	2016/05/17	CAM SOP-00552	MOE LSB E3371
Total Ammonia-N	2	N/A	2016/05/20	CAM SOP-00441	EPA GS I-2522-90 m
Nitrate (NO3) and Nitrite (NO2) in Water (1)	1	N/A	2016/05/19	CAM SOP-00440	SM 22 4500-NO3I/NO2B
pH	2	N/A	2016/05/19	CAM SOP-00413	SM 4500H+ B m
Total Kjeldahl Nitrogen in Water	1	2016/05/19	2016/05/19	CAM SOP-00938	OMOE E3516 m
Total Kjeldahl Nitrogen in Water	1	2016/05/19	2016/05/20	CAM SOP-00938	OMOE E3516 m
Total Phosphorus (Colourimetric)	2	2016/05/19	2016/05/19	CAM SOP-00407	SM 4500 P B H m
Total Suspended Solids	1	N/A	2016/05/19	CAM SOP-00428	SM 22 2540D m
Low Level Total Suspended Solids	1	N/A	2016/05/18	CAM SOP-00428	SM 22 2540D m

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Hongmei Zhao (Grace), Project Manager
Email: GZhao@maxxam.ca
Phone# (905)817-5752

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

RESULTS OF ANALYSES OF WATER

Maxxam ID		CJG446			CJG447		
Sampling Date		2016/05/17 11:30			2016/05/17 11:00		
COC Number		120DB			120DD		
	UNITS	PRIMARY CLARIFIER	RDL	QC Batch	FINAL EFFLUENT	RDL	QC Batch
Inorganics							
Total Ammonia-N	mg/L	15	0.50	4504690	3.1	0.050	4504690
Total Carbonaceous BOD	mg/L	54	2	4502801	22	2	4502801
Total Kjeldahl Nitrogen (TKN)	mg/L	22	1.0	4504674	3.8	0.50	4504674
Dissolved Oxygen	mg/L			4504311	8.01		4504311
pH	pH	7.17		4504847	6.96		4504847
Total Phosphorus	mg/L	2.0	0.020	4504813	0.11	0.020	4504813
Total Suspended Solids	mg/L	31	10	4503189	4	1	4502908
Nitrite (N)	mg/L				0.247	0.010	4504428
Nitrate (N)	mg/L				6.07	0.10	4504428
Nitrate + Nitrite (N)	mg/L				6.32	0.10	4504428
RDL = Reportable Detection Limit QC Batch = Quality Control Batch							

MICROBIOLOGY (WATER)

Maxxam ID		CJG447	
Sampling Date		2016/05/17 11:00	
COC Number		120DD	
	UNITS	FINAL EFFLUENT	QC Batch
Microbiological			
Escherichia coli	CFU/100mL	1800	4502618
QC Batch = Quality Control Batch			

Maxxam Job #: B699306
Report Date: 2016/05/24

American Water Services Canada Corp
Client Project #: MINI LAKES
Site Location: GUELPH, ON
Sampler Initials: JW

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	8.0°C
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Results relate only to the Items tested.

QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	4502801	HSH	QC Standard	Total Carbonaceous BOD	2016/05/23		103	%	85 - 115
	4502801	HSH	Method Blank	Total Carbonaceous BOD	2016/05/23	ND,RDL=2		mg/L	
	4502801	HSH	RPD	Total Carbonaceous BOD	2016/05/23	NC		%	25
	4502908	FW	QC Standard	Total Suspended Solids	2016/05/18		96	%	85 - 115
	4502908	FW	Method Blank	Total Suspended Solids	2016/05/18	ND,RDL=1		mg/L	
	4502908	FW	RPD	Total Suspended Solids	2016/05/18	NC		%	25
	4503189	FW	QC Standard	Total Suspended Solids	2016/05/19		98	%	85 - 115
	4503189	FW	Method Blank	Total Suspended Solids	2016/05/19	ND, RDL=10		mg/L	
	4503189	FW	RPD	Total Suspended Solids	2016/05/19	5.6		%	25
	4504428	C_N	Matrix Spike	Nitrite (N)	2016/05/19		108	%	80 - 120
				Nitrate (N)	2016/05/19		91	%	80 - 120
	4504428	C_N	Spiked Blank	Nitrite (N)	2016/05/19		103	%	80 - 120
				Nitrate (N)	2016/05/19		100	%	80 - 120
	4504428	C_N	Method Blank	Nitrite (N)	2016/05/19	ND, RDL=0.010		mg/L	
				Nitrate (N)	2016/05/19	ND, RDL=0.10		mg/L	
	4504428	C_N	RPD	Nitrite (N)	2016/05/19	NC		%	25
				Nitrate (N)	2016/05/19	0.71		%	25
	4504674	LHA	Matrix Spike	Total Kjeldahl Nitrogen (TKN)	2016/05/19		105	%	80 - 120
	4504674	LHA	QC Standard	Total Kjeldahl Nitrogen (TKN)	2016/05/19		100	%	80 - 120
	4504674	LHA	Spiked Blank	Total Kjeldahl Nitrogen (TKN)	2016/05/19		101	%	80 - 120
	4504674	LHA	Method Blank	Total Kjeldahl Nitrogen (TKN)	2016/05/19	ND, RDL=0.10		mg/L	
	4504674	LHA	RPD	Total Kjeldahl Nitrogen (TKN)	2016/05/19	NC (1)		%	20
	4504690	COP	Matrix Spike	Total Ammonia-N	2016/05/20		99	%	80 - 120
	4504690	COP	Spiked Blank	Total Ammonia-N	2016/05/20		93	%	85 - 115
	4504690	COP	Method Blank	Total Ammonia-N	2016/05/20	ND, RDL=0.050		mg/L	
	4504690	COP	RPD	Total Ammonia-N	2016/05/20	4.6		%	20
	4504813	SNR	Matrix Spike	Total Phosphorus	2016/05/19		102	%	80 - 120
	4504813	SNR	QC Standard	Total Phosphorus	2016/05/19		108	%	80 - 120
	4504813	SNR	Spiked Blank	Total Phosphorus	2016/05/19		101	%	80 - 120
	4504813	SNR	Method Blank	Total Phosphorus	2016/05/19	ND, RDL=0.020		mg/L	
	4504813	SNR	RPD	Total Phosphorus	2016/05/19	NC		%	20
	4504847	NYS	Spiked Blank	pH	2016/05/19		102	%	98 - 103

Maxxam Job #: B699306
Report Date: 2016/05/24

American Water Services Canada Corp
Client Project #: MINI LAKES
Site Location: GUELPH, ON
Sampler Initials: JW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	4504847	NYS	RPD	pH	2016/05/19	0.31		%	N/A
<p>N/A = Not Applicable</p> <p>Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.</p> <p>Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.</p> <p>QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.</p> <p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p> <p>NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).</p> <p>(1) TKN: Due to high concentrations of NO3NO2, sample required dilution. Detection limits were adjusted accordingly.</p>									

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Brad Newman, Scientific Specialist



Jigar Shah, Microbiology Analyst

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CHAIN OF CUSTODY RECORD

INVOICE INFORMATION		REPORT INFORMATION (if differs from invoice)		PROJECT INFORMATION		TURNAROUND TIME (TAT) REQUIRED	
Company Name Maxxam MIC Water Treatment	Company Name American Water Canada Corp	Duration 807520	Regular Turnaround Time (5-7 days)	P.O.# Mimi Lakes		RUSH TAT (Applicable Surcharge)	
Contact Name Dianne Paron	Contact Name Greg Prangley	Site Location Hamilton, Ontario L8H 7S4	1 Day (100%)	Project # 200 Eastport Blvd		2 Days (50%)	
Address 28 Beck Court	Address 200 Eastport Blvd	Site Location Hamilton, Ontario L8H 7S4	3-4 Days (25%)	Site Location Guelph, ON			
Phone: 519-763-1365 Fax: 519-763-5474	Phone: 905-521-4605 Fax: 905-544-0266	Requested By John Wilson					
Email: _____	Email: gprangley@amwater.com						

MODE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE MAXXAM DRINKING WATER CHAIN OF CUSTODY.	
REGULATION 153 (2011) Table 1 Rec/Park <input type="checkbox"/> Med/line <input type="checkbox"/> Table 2 Ind/Comm <input type="checkbox"/> Coast <input type="checkbox"/> Table 3 Agr/Other <input type="checkbox"/> Table 4 _____	OTHER REGULATIONS <input type="checkbox"/> Sanitary Sewer Bylaw <input type="checkbox"/> Storm Sewer Bylaw <input checked="" type="checkbox"/> Municipality: MONITOR <input type="checkbox"/> Other (Specify): _____ <input type="checkbox"/> REG 558 (MINIMUM 3 DAY TAT REQUIRED)
Include Criteria on Certificate of Analysis (Y/N)? SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM	
SAMPLE IDENTIFICATION 1 Primary Clarifier 2 Final Effluent 3 4 5 6 7 8 9 10	DATE SAMPLED: MAY 17 11:30 DATE RECEIVED BY (Signature/Print): DATE (YYYY/MM/DD): 2016 05 17 13:30 TIME: 17:49 RECEIVED BY (Signature/Print): RECEIVED BY (Signature/Print): RECEIVED BY (Signature/Print):

FIELD FILTERED (PLEASE CIRCLE) Metals / HG / CVI	CBOD5	Total Suspended Solids	Total Ammonia Nitrogen	Nitrate/Nitrite Nitrogen	Total Kjeldahl Nitrogen	E. Coli	Dissolved Oxygen	pH
N	X	X	X	X	X	X	X	X
N	X	X	X	X	X	X	X	X

LABORATORY USE ONLY	LABORATORY USE ONLY
Custody seal (Y/N) _____ Project: _____ IMAT: _____ COOLING MEDIA PRESENT (Y/N) _____ Temperature (°C) on Receipt: 97.8°C COMMENTS / TAT COMMENTS: 7778	COMMENTS / TAT COMMENTS:

RECD IN WATERLOO

17-May-16 13:30
 Hongmei Zhao (Grace)
 B699306
 W:AT-001

33434

Your Project #: MINI LAKES
Site Location: GUELPH, ON
Your C.O.C. #: na, 120DB, 120DD

Attention:Shane Morris

American Water Services Canada Corp
701 Main Street W
Suite 100
Hamilton, ON
L8S 1A2

Report Date: 2016/06/29
Report #: R4046694
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B6C8960

Received: 2016/06/22, 14:54

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date		Laboratory Method	Reference
		Extracted	Analyzed		
Carbonaceous BOD	2	N/A	2016/06/29	CAM SOP-00427	SM 22 5210B m
Dissolved Oxygen	1	N/A	2016/06/23	CAM SOP-00427	SM 22 4500 O G m
E.coli, (CFU/100mL)	1	N/A	2016/06/22	CAM SOP-00552	MOE LSB E3371
Total Ammonia-N	2	N/A	2016/06/29	CAM SOP-00441	EPA GS I-2522-90 m
Nitrate (NO3) and Nitrite (NO2) in Water (1)	1	N/A	2016/06/27	CAM SOP-00440	SM 22 4500-NO3I/NO2B
pH	2	N/A	2016/06/25	CAM SOP-00413	SM 4500H+ B m
Total Kjeldahl Nitrogen in Water	2	2016/06/25	2016/06/27	CAM SOP-00938	OMOE E3516 m
Total Phosphorus (Colourimetric)	2	2016/06/27	2016/06/27	CAM SOP-00407	SM 22 4500 P B H m
Total Suspended Solids	1	N/A	2016/06/24	CAM SOP-00428	SM 22 2540D m
Low Level Total Suspended Solids	1	N/A	2016/06/25	CAM SOP-00428	SM 22 2540D m

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager,
Hongmei Zhao (Grace), Project Manager
Email: GZhao@maxxam.ca
Phone# (905)817-5752

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RESULTS OF ANALYSES OF WATER

Maxxam ID		COV289			COV290		
Sampling Date		2016/06/22 12:00			2016/06/22 12:15		
COC Number		120DB			120DD		
	UNITS	PRIMARY CLARIFIER	RDL	QC Batch	EFFLUENT CHAMBER	RDL	QC Batch
Inorganics							
Total Ammonia-N	mg/L	13	0.25	4555181	3.4	0.050	4555181
Total Carbonaceous BOD	mg/L	46	2	4553816	11	2	4553816
Total Kjeldahl Nitrogen (TKN)	mg/L	20	1.0	4555233	5.2	0.50	4555233
Dissolved Oxygen	mg/L			4553188	7.10		4553188
pH	pH	7.25		4555026	7.25		4555026
Total Phosphorus	mg/L	1.9	0.10	4556208	0.14	0.020	4556208
Total Suspended Solids	mg/L	83	10	4553667	5	1	4553697
Nitrite (N)	mg/L				0.392	0.010	4555401
Nitrate (N)	mg/L				2.55	0.10	4555401
Nitrate + Nitrite (N)	mg/L				2.94	0.10	4555401
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							

MICROBIOLOGY (WATER)

Maxxam ID		COV290	
Sampling Date		2016/06/22 12:15	
COC Number		120DD	
	UNITS	EFFLUENT CHAMBER	QC Batch
Microbiological			
Escherichia coli	CFU/100mL	140000	4551361
QC Batch = Quality Control Batch			

Maxxam Job #: B6C8960
Report Date: 2016/06/29

American Water Services Canada Corp
Client Project #: MINI LAKES
Site Location: GUELPH, ON
Sampler Initials: SM

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	14.0°C
-----------	--------

Results relate only to the Items tested.

QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	4553667	AS6	QC Standard	Total Suspended Solids	2016/06/24		98	%	85 - 115
	4553667	AS6	Method Blank	Total Suspended Solids	2016/06/24	ND, RDL=10		mg/L	
	4553667	AS6	RPD	Total Suspended Solids	2016/06/24	NC		%	25
	4553697	AS6	QC Standard	Total Suspended Solids	2016/06/25		98	%	85 - 115
	4553697	AS6	Method Blank	Total Suspended Solids	2016/06/25	ND,RDL=1		mg/L	
	4553697	AS6	RPD [COV290-01]	Total Suspended Solids	2016/06/25	14		%	25
	4553816	BKE	QC Standard	Total Carbonaceous BOD	2016/06/29		110	%	85 - 115
	4553816	BKE	Method Blank	Total Carbonaceous BOD	2016/06/29	ND,RDL=2		mg/L	
	4553816	BKE	RPD	Total Carbonaceous BOD	2016/06/29	NC		%	25
	4555026	NYS	Spiked Blank	pH	2016/06/25		102	%	98 - 103
	4555026	NYS	RPD	pH	2016/06/25	0.21		%	N/A
	4555181	RTY	Matrix Spike	Total Ammonia-N	2016/06/29		NC	%	80 - 120
	4555181	RTY	Spiked Blank	Total Ammonia-N	2016/06/29		102	%	85 - 115
	4555181	RTY	Method Blank	Total Ammonia-N	2016/06/29	ND, RDL=0.050		mg/L	
	4555181	RTY	RPD	Total Ammonia-N	2016/06/29	0.019		%	20
	4555233	AAY	Matrix Spike	Total Kjeldahl Nitrogen (TKN)	2016/06/27		107	%	80 - 120
	4555233	AAY	QC Standard	Total Kjeldahl Nitrogen (TKN)	2016/06/27		103	%	80 - 120
	4555233	AAY	Spiked Blank	Total Kjeldahl Nitrogen (TKN)	2016/06/27		104	%	80 - 120
	4555233	AAY	Method Blank	Total Kjeldahl Nitrogen (TKN)	2016/06/27	ND, RDL=0.10		mg/L	
	4555233	AAY	RPD	Total Kjeldahl Nitrogen (TKN)	2016/06/27	NC		%	20
	4555401	C_N	Matrix Spike	Nitrite (N)	2016/06/27		98	%	80 - 120
				Nitrate (N)	2016/06/27		97	%	80 - 120
	4555401	C_N	Spiked Blank	Nitrite (N)	2016/06/27		100	%	80 - 120
				Nitrate (N)	2016/06/27		102	%	80 - 120
	4555401	C_N	Method Blank	Nitrite (N)	2016/06/27	ND, RDL=0.010		mg/L	
				Nitrate (N)	2016/06/27	ND, RDL=0.10		mg/L	
	4555401	C_N	RPD	Nitrite (N)	2016/06/27	NC		%	25
				Nitrate (N)	2016/06/27	NC		%	25
	4556208	SNR	Matrix Spike	Total Phosphorus	2016/06/27		101	%	80 - 120
	4556208	SNR	QC Standard	Total Phosphorus	2016/06/27		101	%	80 - 120
	4556208	SNR	Spiked Blank	Total Phosphorus	2016/06/27		100	%	80 - 120
	4556208	SNR	Method Blank	Total Phosphorus	2016/06/27	ND, RDL=0.020		mg/L	

Maxxam Job #: B6C8960
Report Date: 2016/06/29

American Water Services Canada Corp
Client Project #: MINI LAKES
Site Location: GUELPH, ON
Sampler Initials: SM

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC			Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
Batch	Init	QC Type						
4556208	SNR	RPD	Total Phosphorus	2016/06/27	1.8		%	20
<p>N/A = Not Applicable</p> <p>Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.</p> <p>Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.</p> <p>QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.</p> <p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p> <p>NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spiked amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than 2x that of the native sample concentration).</p> <p>NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).</p>								

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).




Ewa Pranjic, M.Sc., C.Chem, Scientific Specialist



Ranju Chaudhari

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

CHAIN OF CUSTODY RECORD

Page 1 of 1

INVOICE INFORMATION:
 Company Name: Wellington, Common Client # 3544
 Contact Name: Accounts Payable
 Address: 28 Bell Court
 Guelph, ON, N1C 0A5
 Phone: 519-763-1965 Fax: 519-763-5474
 Email: info@maxxam.com

REPORT INFORMATION (if differs from invoice):
 Company Name: American Water Canada Corp
 Contact Name: Greg Pringley
 Address: 701 Main Street West Suite 100
 Hamilton, Ontario L8S 1A2
 Phone: (905) 975-0985 Fax: 905-944-3066
 Email: gpringley@amwater.com

PROJECT INFORMATION:
 Collection # BC7520
 P.O. #
 Project #
 Project Name: Mrs. Lakes
 Location: Guelph, ON
 Sampled by: Shane Morris

MAXXAM JOB NUMBER:
 CLIENT ID #: 9206

REGULATORY CRITERIA
 Note: For regulated drinking water samples - please use The Drinking Water Chain of Custody Form

Reg 153 Sewer Like Other MONITOR
 Table 1: Sanitary
 Table 2: Storm
 Table 3: Region
 Report Criteria on C of A

SAMPLES MUST BE KEPT COOL (< 10 °C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM

Sample Identification	Water/Tap at Date Sampled	Time Sampled	Matrix	Regulated Drinking Water T (Y/N)	CRS	Total Suspended Solids	Total Ammonia Nitrogen	Nitrate Nitrogen	Total Nitrogen	Disinfectant Residual	PH
1 Primary Clarifier	12008	June 22/16 12:00	SEWAGE	n	x	x	x	x	x	x	x
2 Effluent Chamber	12009	June 22/16 12:15	SEWAGE	n	x	x	x	x	x	x	x
4											
5											
6											
7											
8											
9											
10											
11											
12											

RELIQUISHED BY: (Signature/Print)
 RECEIVED BY: (Signature/Print)
 Date: June 22/16 14:54
 Time: 14:54
 Temperature (C) on Receipt: 18.5
 Condition of Sample on Receipt: OK SIF

* MANDATORY SECTIONS IN GREY MUST BE FILLED OUT. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL DELAYS

4/516
 REC'D IN WATERLOO
 MK3 FNV-698
 B6C8960
 Hongmei Zhao (Grace)
 22-Jun-16 14:54



BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]



Appendix B

Environmental Compliance Approval Number 2391-9KCJUS

Appendix B

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 2391-9KCJUS

Issue Date: June 1, 2016

Wellington Common Elements Condominium Corporation No.214
c/o MF Property Management Limited
28 Bett Court
Guelph, Ontario
N1C 0A5

Site Location: 7541 Wellington County Road 34
Puslinch Township, County of Wellington
N1H 6H9

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

Upgrades to the existing sewage works comprising of a sanitary collection system, pumping stations and forcemains, a sewage treatment and subsurface disposal system re-rated at approx. 158 m³/d average daily flow serving the Mini Lakes Subdivision and Common Elements Condominium comprising of a maximum of 292 units (from the original 400 units) for year round use in the Township of Puslinch as follows:

Proposed Works

Modifications to the existing wastewater treatment plant as follows:

- upgrades to primary clarifier as follows:
 - installation of a partition wall separating the chamber in two compartments; an inlet and sludge storage compartment having a working volume of 73m³ and a primary effluent compartment having a working volume of 23m³.
 - an influent baffle plate at the tank inlet
 - an outlet weir box and baffle plate at the tank outlet
 - sludge recirculation piping to the inlet chamber and sludge removal piping.
- modifications to the inlet of the denitrification tank to allow for crossover between trains for redundancy and option to operate on one (1) RBC train and two (2) tertiary treatment trains.

- one (1) new effluent pump and discharge piping to be located in the effluent pump chamber to recirculate treated effluent back to the inlet of the primary clarifier.
- a 3.5m x 4.12m chemical storage building housing the following:
 - a 600L capacity chemical storage tank to provide a carbon source and three (3) chemical metering pumps (one (1) spare), all located within secondary containment facilities.
 - a 2,300 L capacity bulk chemical storage tank for phosphorus removal and three (3) chemical metering pumps (one (1) spare), all located within secondary containment facilities.
 - an eyewash/shower system

all other controls, electrical equipment, instrumentation, pumps, piping, valves and appurtenances essential for the proper operation of the aforementioned sewage works;

all in accordance with the documents listed in Schedule 'B'.

Existing Works

Sanitary Collection System

All existing and proposed sewage collection system gravity mains, forcemains, and services as generally indicated on Drawing 1 - Site Servicing Plan dated February 25, 2008 as submitted by Stantec Consulting Ltd.

Pumping Stations and Forcemain

1. Sewage Pumping Station PS-1 (UTM NAD83: Zone 17, 569553 mE, 4814393 mN)

One (1) 1,200 mm diameter fibreglass package duplex sewage pumping station (located at the intersection of Ash Avenue, Cross Street and Pine Street servicing approximately 77 units), equipped with two (2) submersible pumps, each pump rated at 1.8 L/s at 28.98 m TDH and having a working volume of 0.405 m³, and a forcemain, approx. 29 m long, extending from the pump station before discharging into the common 75 mm forcemain from PS-2 and PS-3, where the common forcemain continues approximately 621 m to discharge directly to the Wastewater Treatment Plant (WWTP) described below.

2. Sewage Pumping Station PS-2 (UTM NAD83: Zone 17, 569203 mE, 4814540 mN)

One (1) 1,200 mm diameter fibreglass package duplex sewage pumping station (located on Jasper Heights Drive approximately 110 m northeast of Garden Parkway servicing approximately 132 units), equipped with two (2) submersible pumps, each pump rated at 2.225 L/s at 33.82 m TDH and having a working volume of 0.501 m³, and a forcemain, approx. 224 m long, extending from the pump station before discharging into the common 75 mm forcemain from PS-3, where the common forcemain continues approximately 215 m to the junction with PS-1 and a further 621 m to discharge directly to the Wastewater Treatment Plant (WWTP) described below.

3. Sewage Pumping Station PS-3 (UTM NAD83: Zone 17, 569349 mE, 4814559 mN)

One (1) 1,200 mm diameter fibreglass package duplex sewage pumping station (located on Lot 62 Hemlock, servicing approximately 42 units), equipped with two (2) submersible pumps, each pump rated at 1.075 L/s at 32.2 m TDH and having a working volume of 0.242 m³, and a forcemain, approx. 229 m long, extending from the pump station before discharging into the common 75 mm forcemain from PS-3, where the common forcemain continues approximately 215 m to the junction with PS-1 and a further 621 m to discharge directly to the Wastewater Treatment Plant (WWTP) described below.

4. Sewage Pumping Station PS-4 (UTM NAD83: Zone 17, 569491 mE, 4814533 mN)

One (1) 1,200 mm diameter fibreglass package duplex sewage pumping station (located adjacent and on the north corner of Lot 227 on Cedarbush Crescent, servicing approximately 53 units and a community centre), equipped with two (2) submersible pumps, each pump rated at 1.35 L/s at 7.27 m TDH and having a working volume of 0.304 m³, and a forcemain, approx. 358 m long, extending from the pump station before discharging directly to the Wastewater Treatment Plant (WWTP) described below.

5. Sewage Pumping Station PS-5 (UTM NAD83: Zone 17, 569720 mE, 4814755 mN)

One (1) 1,200 mm diameter precast concrete duplex sewage pumping station (located at the intersection of Water Street and Basswood to service Phase 2 and 3 development, and will ultimately service approximately 79 units), equipped with two (2) submersible pumps, each pump rated at 2.55 L/s at 14.75 m TDH and having a working volume of 0.469 m³, and a forcemain, approx. 207 m long, discharging into the 75 mm diameter forcemain from PS-4, where the common forcemain continues for approx 29 m before discharging directly to the Wastewater Treatment Plant (WWTP) described below.

Wastewater Treatment Plant

A sewage treatment plant (with dual trains operating in parallel) to be located within a building housing a primary settlement tank, rotating biological contactors, intermediate clarifier, a denitrification tank and final clarifiers and effluent pump chamber as follows:

- a concrete common primary settlement tank with cover, approx. 8.1m wide x 8.5m long x 1.73m liquid depth discharging (via an outlet pipe to each treatment train) to the rotating biological contactors, complete with gear motor and drive mechanism;
- two (2) rotating biological contactors (RBCs) with 2.35m diameter rotor, each equipped with low profile fixed baffles and establish four (4) zones per rotor, and providing approx. 4,179 m² of bio-support media area;
- two (2) hopper bottom 3m x 3.6m intermediate clarifiers per treatment train, complete with inlet and outlet weir, sludge and scum transfer equipment and pumping systems;
- two (2) denitrification tanks, approx. 5.06m x 3.6m, each consisting with 4,704m² of submerged rigid media, complete with an adjustable flow distribution box;
- one (1) 900 L capacity chemical tank and chemical metering pump capable of feeding a carbon source to

the denitrification tanks, complete with spill containment facilities;

- chemical feed system comprising of one (1) 2,300 L capacity polyethylene chemical storage tank and metering pump (with standby pump) capable of feeding approx. 1.5 L/hr of alum into the last stage of the rotating biological contactor rotor, complete with spill containment facilities;
- two (2) hopper bottom 3m x 3.6m final clarifiers per treatment train, complete with inlet and outlet weirs and sludge transfer equipment and pumping systems;
- a 50,000 L capacity effluent pump chamber equipped with five (5) submersible pumps (with one additional standby pump), each rated at 2.7 L/s at 11m TDH (max.), to discharge treated effluent via a splitter valve and five (5) 75mm diameter forcemains, one forcemain to each absorption cell of the subsurface disposal system.

Subsurface Disposal System

A subsurface disposal system comprising of five (5) shallow buried trench absorption cells, each cell comprising of six (6) zones with eight (8) laterals (each lateral located within a trench 18m long and 0.6m wide, with a hollow inverted semi-circular chamber housing a 25mm PVC pressurized pipe with 3.2mm holes spaced at 1m c/c) per zone, for a total of approx. 864m of piping per cell (total of approx. 4,320m of piping), and distribution valve assembly and manifold together with a relocation area (alternate subsurface disposal area) and the use of the existing leaching bed areas as contingencies for a period of three (3) years of operation of the sewage works,

all in accordance with the final plans and specifications prepared by P. J. Hannah Equipment Sales Corp. and Stantec Consulting Ltd., Consulting Engineers.

For the purpose of this environmental compliance approval, the following definitions apply:

"Annual Average Concentration" means the arithmetic mean of the Monthly Average Concentrations of a contaminant in the effluent calculated for any particular calendar year;

"Approval" means this entire document and any Schedules attached to it, and the application;

"Average Daily Flow" means the cumulative total sewage flow to the sewage works during a calendar year divided by the number of days during which sewage was flowing to the sewage works that year;

"BOD₅" (also known as TBOD₅) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demand;

"CBOD₅" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;

"Daily Concentration" means the concentration of a contaminant in the effluent discharged over any single day, as measured by a composite or grab sample, whichever is required;

"Director" means a person appointed by the Minister pursuant to section 5 of the EPA for the purposes of Part II.1 of the EPA;

"District Manager" means the District Manager of the Guelph District Office;

"EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;

"Equivalent Equipment" means a substituted equipment or like-for-like equipment that meets the required quality and performance standards of a named equipment;

"Limited Operational Flexibility" (LOF) means any modifications that the Owner is permitted to make to the Works under this Approval;

"Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;

"Notice of Modifications" means the form entitled "Notice of Modifications to Sewage Works";

"Monthly Average Concentration" means the arithmetic mean of all Daily Concentrations of a contaminant in the effluent sampled or measured, or both, during a calendar month;

"Owner" means Wellington Common Elements Condominium Corporation No.214 and its successors and assignees;

"OWRA" means the Ontario Water Resources Act, R.S.O. 1990, c. O.40, as amended;

"Rated Capacity" means the Average Daily Flow for which the Works are approved to handle;

"Regional Director" means the Regional Director of the West Central Region of the Ministry;

"Substantial Completion" has the same meaning as "substantial performance" in the Construction Lien Act; and

"Works" means the sewage works described in the Owner's application, and this Approval, and includes Proposed Works, Previous Works, and modifications made under Limited Operational Flexibility.

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL PROVISIONS

(1) The Owner shall ensure that any person authorized to carry out work on or operate any aspect of the Works is notified of this Approval and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

(2) Except as otherwise provided by these conditions, the Owner shall design, build, install, operate and maintain the Works in accordance with the description given in this Approval, and the application for approval of the Works.

(3) Where there is a conflict between a provision of any document in the schedule referred to in this Approval and the conditions of this Approval, the Conditions in this Approval shall take precedence, and where there is a conflict between the documents in the schedule, the document bearing the most recent date shall prevail.

(4) Where there is a conflict between the documents listed in the Schedule B submitted documents, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.

(5) The Conditions of this Approval are severable. If any Condition of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.

2. EXPIRY OF APPROVAL

This Approval will cease to apply to those parts of the Proposed Works which have not been constructed within five (5) years of the date of this Approval.

3. CHANGE OF OWNER

(1) The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within thirty (30) days of the change occurring:

(a) change of Owner;

(b) change of address of the Owner;

(c) change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the Business Names Act, R.S.O. 1990, c.B17 shall be included in the notification to the District Manager;

(d) change of name of the corporation where the Owner is or at any time becomes a corporation, and a copy of the most current information filed under the Corporations Information Act, R.S.O. 1990, c. C39 shall be included in the notification to the District Manager;

(2) In the event of any change in ownership of the Works, other than a change to a successor municipality, the Owner shall notify in writing the succeeding owner of the existence of this Approval, and a copy of such notice shall be forwarded to the District Manager and the Director.

4. CONSTRUCTION

(1) The Owner shall ensure that the construction of the works is supervised by a licensed installer or a Professional Engineer, as defined in the Professional Engineers Act.

(2) Upon construction of the works, the Owner shall prepare a statement, certified by a licensed installer or a Professional Engineer, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry staff and staff of the local municipality.

5. MONITORING AND RECORDING

The Owner shall, upon commencement of operation of the Works, carry out the following monitoring program:

(1) All samples and measurements taken for the purposes of this Approval are to be taken at a time and in a location characteristic of the quality and quantity of the effluent stream over the time period being monitored.

(2) Samples of **treated effluent** (ahead of subsurface disposal system) shall be collected at the effluent

pump chamber and analyzed for at least the following parameters at the indicated **minimum** frequencies:

Table 1 - Treated Effluent Sampling		
Parameter	Type of Sample	Minimum Frequency
CBOD5	grab	monthly
Total Suspended Solids	grab	monthly
Total Phosphorus	grab	monthly
Total Ammonia Nitrogen	grab	monthly
Nitrate Nitrogen	grab	monthly
Nitrite Nitrogen	grab	monthly
Total Kjeldahl Nitrogen	grab	monthly
E. coli	grab	monthly
Dissolved Oxygen	grab	monthly
pH	grab	monthly

(3) Samples of **groundwater** shall be collected from the nine (9) monitoring wells MW-1, MW-2, MW-4 to MW-10 inclusive, located upgradient of the subsurface disposal beds, immediately downgradient of the subsurface disposal beds and at the property boundary in the downgradient flow path from the subsurface disposal beds, and two (2) additional monitoring wells to intercept the plume close to the water's edge, and analyzed for at least the following parameters at the indicated **minimum** frequencies:

Table 2 - Groundwater Sampling		
Parameter	Type of Sample	Minimum Frequency
CBOD5	grab	quarterly
Total Suspended Solids	grab	quarterly
Total Phosphorus	grab	quarterly
Total Ammonia Nitrogen	grab	quarterly
Nitrate Nitrogen	grab	quarterly
Nitrite Nitrogen	grab	quarterly
Total Kjeldahl Nitrogen	grab	quarterly
E. coli	grab	quarterly
Dissolved Organic Carbon	grab	quarterly

In addition, groundwater depths for each of the monitoring wells shall also be recorded to assess groundwater elevation and flow paths through the site.

(4) Samples of **surface water** shall be collected at the following five (5) locations and analyzed for at least the following parameters at the indicated **minimum** frequencies:

Surface water monitoring locations

- upgradient background (SW1)
- one location within the main pond (SW3)

- outlet from the main pond (SW4)
- outlet from the property (SW6)
- upgradient tributaries (SW5, located at County Road No. 34, approximately 50m upstream of the confluence of Mill Creek with the downstream location of the Mini Lakes outlet).

Parameter	Type of Sample	Minimum Frequency
Total Phosphorus	grab	quarterly
Total Ammonia Nitrogen	grab	quarterly
Nitrate Nitrogen	grab	quarterly
Nitrite Nitrogen	grab	quarterly
Total Kjeldahl Nitrogen	grab	quarterly
E. coli	grab	quarterly

(5) The monitoring outlined pursuant to subsections (3) and (4) shall be undertaken for a period of at least three (3) years following the start up of the Proposed Works.

(6) Prior to the startup of the Works, background groundwater quality must be established by collecting groundwater samples and having them analyzed for the parameters outlined in Table 2.

(7) The Owner shall measure and record the daily volume of effluent being discharged to subsurface disposal system.

(8) The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following:

(a) the Ministry's Procedure F-10-1, "Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended from time to time by more recently published editions;

(b) the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater" (January 1999), ISBN 0-7778-1880-9, as amended from time to time by more recently published editions; and

(c) the publication "Standard Methods for the Examination of Water and Wastewater" (21st edition), as amended from time to time by more recently published editions.

(9) The Owner shall retain for a minimum of five (5) years from the date of their creation, all records and information related to or resulting from the monitoring activities required by this Approval.

(10) Following completion of two (2) full years of operation of the sewage system, if the quality of effluent discharged to the subsurface disposal system satisfies the objectives stipulated in Condition 6 as evidenced by the results of the monitoring program required by this condition, the monitoring requirements may be revised by the District Manager if he/she is of the opinion that such a reduction is appropriate in the circumstances.

6. EFFLUENT LIMITS

(1) The Owner shall operate and maintain the Works such that the concentrations of the materials named below as effluent parameters are not exceeded in the effluent from the Works.

Table 4 - Effluent Limits	
Effluent Parameters	Annual Average Concentration
CBOD5	20 mg/L
Total Suspended Solids	20 mg/L
Nitrate Nitrogen	8 mg/L
Total Phosphorus	1 mg/L

(2) For the purposes of determining compliance with and enforcing subsection (1):

(a) Non-compliance with respect to the effluent parameters is deemed to have occurred when the annual average concentration of any of the effluent parameters (treated effluent discharge to the subsurface disposal system) named in subsection (1) above, based on all grab samples taken in accordance with Condition 5(2) above, supplemented by spot sampling by Ministry staff as necessary, during any calendar year, exceeds its corresponding stipulated effluent concentration indicated above.

(3) Paragraph (a) of subsection (2) shall apply upon the issuance of this Approval.

(4) The effluent limit set out in subsection (1) shall apply upon the issuance of this Approval.

(5) Only those monitoring results collected during the corresponding time period shall be used in calculating the Annual Average Concentration.

7. OPERATIONS AND MAINTENANCE

(1) The Owner shall prepare an operations manual within six (6) months of the introduction of sewage to the Works, that includes, but not necessarily limited to, the following information:

(a) operating procedures for routine operation of the Works; and

(b) inspection programs, including frequency of inspection, for the Works and the methods or tests employed to detect when maintenance is necessary.

(2) The Owner shall maintain the operations manual current and retain a copy at the location of the Works for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.

(3) The Owner shall prepare and make available for inspection by Ministry staff, a maintenance agreement with the manufacturer for the treatment process/technology and a complete set of "as constructed" drawings within one (1) year of Substantial Completion of the Works. The maintenance agreement and drawings must be retained at the site and kept current.

(4) The Owner shall employ for the overall operation of the Works a person who possesses the level of training and experience sufficient to allow safe and environmentally sound operation of the Works.

8. REPORTING

(1) One week prior to the start up of the operation of the Works, the Owner shall notify the District Manager (in writing) of the pending start up date of the Proposed Works.

(2) The Owner shall prepare, and submit upon request, a performance report, on an annual basis, within ninety (90) days following the end of the period being reported upon. The first such report shall cover the first annual period following the commencement of operation of the Works and subsequent reports shall be submitted to cover successive annual periods following thereafter. The reports shall contain, but shall not be limited to, the following information:

(a) a summary and interpretation of all monitoring data and a comparison to the effluent limits outlined in Condition 6, including an overview of the success and adequacy of the Works;

(b) a tabulation of the daily volumes of effluent disposed through the subsurface disposal system during the reporting period;

(c) a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the Works;

(d) a description of any operating problems encountered and corrective actions taken.

(f) a copy of all Notice of Modifications submitted to the District Manager as a result of Schedule A, Section 1, with a status report on the implementation of each modification;

(g) a report summarizing all modifications completed as a result of Schedule A, Section 3;

(h) any other information the District Manager requires from time to time.

9. LIMITED OPERATIONAL FLEXIBILITY

(1) The Owner may make modifications to the Works in accordance with the Terms and Conditions of this Approval and subject to the Ministry's "Limited Operational Flexibility Criteria for Modifications to Sewage Works", included under Schedule A of this Approval, as amended.

(2) Sewage works under Limited Operational Flexibility shall adhere to the design guidelines contained within the Ministry's publication "Design Guidelines for Sewage Works 2008", as amended.

(3) The Owner shall ensure at all times, that the Works, related equipment and appurtenances which are installed or used to achieve compliance are operated in accordance with all Terms and Conditions of this Approval.

(4) For greater certainty, the following are not permitted as part of Limited Operational Flexibility:

(a) Modifications to the Works that result in an increase of the approved Rated Capacity of the Works;

(b) Modifications to the Works that may adversely affect the approved effluent quality criteria or the location of the discharge/outfall;

(c) Modifications to the treatment process technology of the Works, or modifications that involve construction of new reactors (tanks) or alter the treatment train process design;

(d) Modifications to the Works approved under s.9 of the EPA, and

(e) Modifications to the Works pursuant to an order issued by the Ministry.

(5) Implementation of Limited Operational Flexibility is not intended to be used for piecemeal measures that result in major alterations or expansions.

(6) If the implementation of Limited Operational Flexibility requires changes to be made to the Emergency Response, Spill Reporting and Contingency Plan, the Owner shall, provide a revised copy of this plan to the local fire services authority prior to implementing Limited Operational Flexibility.

(7) For greater certainty, any modification made under the Limited Operational Flexibility may only be carried out after other legal obligations have been complied with, including those arising from the *Environmental Protection Act*, *Niagara Escarpment Planning and Development Act*, *Oak Ridges Moraine Conservation Act*, *Lake Simcoe Protection Act* and *Greenbelt Act*.

(8) At least thirty (30) days prior to implementing Limited Operational Flexibility, the Owner shall complete a Notice of Modifications describing any proposed modifications to the Works and submit it to the District Manager.

(9) The Owner shall not proceed with implementation of Limited Operational Flexibility until the District Manager has provided written acceptance of the Notice of Modifications or a minimum of thirty (30) days have passed since the day the District Manager acknowledged the receipt of the Notice of Modifications.

SCHEDULE 'A'

Limited Operational Flexibility Criteria for Modifications to Industrial Sewage Works

1. The modifications to sewage works approved under an Environmental Compliance Approval (Approval) that are permitted under the Limited Operational Flexibility (LOF), are outlined below and are subject to the LOF conditions in the Approval, and require the submission of the Notice of Modifications. If there is a conflict between the sewage works listed below and the Terms and Conditions in the Approval, the Terms and Conditions in the Approval shall take precedence.

1.1 Sewage Pumping Stations

- a. Alter pumping capacity by adding or replacing equipment where new equipment is located within an existing sewage treatment plant site or an existing sewage pumping station site, provided that the modifications do not result in an increase of the sewage treatment plant Rated Capacity and the existing flow process and/or treatment train are maintained, as applicable.
- b. Forcemain relining and replacement with similar pipe size where the nominal diameter is not greater than 1,200mm.

1.2 Sewage Treatment Process

- a. Installing additional chemical dosage equipment including replacing with alternative chemicals for pH adjustment or coagulants (non-toxic polymers) provided that there are no modifications of treatment processes or other modifications that may alter the intent of operations and may have negative impacts on the effluent quantity and quality.
- b. Expanding the buffer zone between a sanitary sewage lagoon facility or land treatment area and adjacent uses provided that the buffer zone is entirely on the proponent's land.
- c. Optimizing existing sanitary sewage lagoons with the purpose to increase efficiency of treatment operations provided that existing sewage treatment plant rated capacity is not exceeded and where no land acquisition is required.
- d. Optimizing existing sewage treatment plant equipment with the purpose to increase the efficiency of the existing treatment operations, provided that there are no modifications to the works that result in an increase of the approved Rated Capacity, and may have adverse effects to the effluent quality or location of the discharge.
- e. Replacement, refurbishment of previously approved equipment in whole or in part with Equivalent Equipment, like-for-like of different make and model, provided that the firm capacity, reliability, performance standard, level of quality and redundancy of the group of equipment is kept the same. For clarity purposes, the following equipment can be considered under this provision: pumps, screens, grit separators, blowers, aeration equipment, sludge thickeners, dewatering equipment, UV systems, chlorine contact equipment, bio-disks, and sludge digester systems.

1.3 Sanitary Sewers

- a. Pipe relining and replacement with similar pipe size within the Sewage Treatment Plant site, where the nominal diameter is not greater than 1,200mm.

1.4 Pilot Systems

- a. Installation of pilot systems for new or existing technologies provided that:
 - i. any effluent from the pilot system is discharged to the inlet of the sewage treatment plant or hauled off-site for proper disposal,
 - ii. any effluent from the pilot system discharged to the inlet of the sewage treatment plant or sewage conveyance system does not significantly alter the composition/concentration of the influent sewage to be treated in the downstream process; and that it does not add any inhibiting substances to the downstream process, and
 - iii. the pilot system's duration does not exceed a maximum of two years; and a report with results is submitted to the Director and District Manager three months after completion of the pilot project.
2. Sewage works that are exempt from section 53 of the OWRA by O. Reg. 525/98 continue to be exempt and are not required to follow the notification process under this Limited Operational Flexibility.
3. Normal or emergency operational modifications, such as repairs, reconstructions, or other improvements that are part of maintenance activities, including cleaning, renovations to existing approved sewage works equipment, provided that the modification is made with Equivalent Equipment, are considered pre-approved.
4. The modifications noted in section (3) above are not required to follow the notification protocols under Limited Operational Flexibility, provided that the number of pieces and description of the equipment as described in the Approval does not change.

SCHEDULE 'B'

Environmental Compliance Approval (ECA) supporting documents:

1. Application for Environmental Compliance Approval (ECA) dated June 7, 2012 signed by Tom Boyd, President, Mini Lakes Residents Association, and supporting documents prepared by Stantec Consulting Ltd., Consulting Engineers.



RETAIN COPY OF COMPLETED FORM AS PART OF THE ECA AND SEND A COPY TO THE WATER SUPERVISOR (FOR MUNICIPAL) OR DISTRICT MANAGER (FOR NON-MUNICIPAL SYSTEMS)

Part 1 – Environmental Compliance Approval (ECA) with Limited Operational Flexibility <i>(Insert the ECA's owner, number and issuance date and notice number, which should start with "01" and consecutive numbers thereafter)</i>		
ECA Number	Issuance Date (mm/dd/yy)	Notice number (if applicable)
ECA Owner		Municipality

Part 2: Description of the modifications as part of the Limited Operational Flexibility <i>(Attach a detailed description of the sewage works)</i>
<p>Description shall include:</p> <ol style="list-style-type: none"> 1. A detail description of the modifications and/or operations to the sewage works (e.g. sewage work component, location, size, equipment type/model, material, process name, etc.) 2. Confirmation that the anticipated environmental effects are negligible. 3. List of updated versions of, or amendments to, all relevant technical documents that are affected by the modifications as applicable, i.e. submission of documentation is not required, but the listing of updated documents is (design brief, drawings, emergency plan, etc.)

Part 3 – Declaration by Professional Engineer	
<p>I hereby declare that I have verified the scope and technical aspects of this modification and confirm that the design:</p> <ol style="list-style-type: none"> 1. Has been prepared or reviewed by a Professional Engineer who is licensed to practice in the Province of Ontario; 2. Has been designed in accordance with the Limited Operational Flexibility as described in the ECA; 3. Has been designed consistent with Ministry's Design Guidelines, adhering to engineering standards, industry's best management practices, and demonstrating ongoing compliance with s.53 of the Ontario Water Resources Act; and other appropriate regulations. <p>I hereby declare that to the best of my knowledge, information and belief the information contained in this form is complete and accurate</p>	
Name (Print)	PEO License Number
Signature	Date (mm/dd/yy)
Name of Employer	

Part 4 – Declaration by Owner	
<p>I hereby declare that:</p> <ol style="list-style-type: none"> 1. I am authorized by the Owner to complete this Declaration; 2. The Owner consents to the modification; and 3. This modifications to the sewage works are proposed in accordance with the Limited Operational Flexibility as described in the ECA. 4. The Owner has fulfilled all applicable requirements of the <i>Environmental Assessment Act</i>. <p>I hereby declare that to the best of my knowledge, information and belief the information contained in this form is complete and accurate</p>	
Name of Owner Representative (Print)	Owner representative's title (Print)
Owner Representative's Signature	Date (mm/dd/yy)

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is imposed to ensure that the Works are built and operated in the manner in which they were described for review and upon which approval was granted. This condition is also included to emphasize the precedence of Conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review. The condition also advises the Owners their responsibility to notify any person they authorized to carry out work pursuant to this Approval the existence of this Approval.
2. Condition 2 is included to ensure that, when the Works are constructed, the Works will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment.
3. Condition 3 is included to ensure that the Ministry records are kept accurate and current with respect to the approved works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.
4. Condition 4 is included to ensure that the works are constructed, and may be operated and maintained such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented.
5. Condition 5 is included to enable the Owner to evaluate and demonstrate the performance of the Works, on a continual basis, so that the Works are properly operated and maintained at a level which is consistent with the design objectives specified in the Approval.
6. Condition 6 is imposed to ensure that the effluent discharged from the Works to the subsurface disposal system meets the Ministry's effluent quality requirements thus minimizing environmental impact.
7. Condition 7 is included to require that the Works be properly operated, maintained, and equipped such that the environment is protected. As well, the inclusion of an operations manual, maintenance agreement with the manufacturer for the treatment process/technology and a complete set of "as constructed" drawings governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the owner and made available to the Ministry. Such a information is an integral part of the operation of the Works. Its compilation and use should assist the Owner in staff training, in proper plant operation and in identifying and planning for contingencies during possible abnormal conditions. The manual will also act as a benchmark for Ministry staff when reviewing the Owner's operation of the work.
8. Condition 8 is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for all the terms and conditions outlined in this Approval, so that the Ministry can work with the Owner in resolving any problems in a timely manner.

9. Condition 9 is included to ensure that the Works are operated in accordance with the application and supporting documentation submitted by the Owner, and not in a manner which the Director has not been asked to consider. These Conditions are also included to ensure that a Professional Engineer has reviewed the proposed modifications and attests that the modifications are in line with that of Limited Operational Flexibility, and provide assurance that the proposed modifications comply with the Ministry's requirements stipulated in the Terms and Conditions of this Approval, MOE policies, guidelines, and industry engineering standards and best management practices.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s).
2113-7M8RBP issued on February 18, 2009.**

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

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

Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. The municipality or municipalities within which the project is to be engaged in.

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

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 314-4506 or www.ert.gov.on.ca**

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 1st day of June, 2016

A handwritten signature in black ink that reads "Fariha Pannu." The signature is written in a cursive style with a horizontal line above the name.

Fariha Pannu, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

HV/

c: District Manager, MOE Guelph
Anne Egan, P. Eng., R.J. Burnside & Associates Ltd.

ROBERT GIBSON CONSULTING SERVICES INC.

3

15 IDLEWOOD DRIVE
KITCHENER, ONTARIO
N2A 1H9

Phone (519) 894-0273
Fax (519) 894-9526
Email gibsonr@rogers.com

September 27, 2016

Ministry of Natural Resources and Forestry
Guelph District Office
1 Stone Road W., 1st Floor
Guelph, Ontario
N1G 4Y2

Attention: Seana Richardson, Aggregate Resource Specialist

Dear Seana,

SUBJECT: Annual Compliance Assessment Report for 2016
Licence # 5654 (Martini Pit)
North ½ Lot 4, Concession 4
Township of Puslinch
Licensee: TGL Ltd.

Enclosed is the Compliance Assessment Report for the gravel pit licensed to TGL Ltd. at the above noted location. Copies of the report have been filed with the Township of Puslinch and the County of Wellington as required under the Aggregate Resources Act.

If you have any questions regarding the report, please contact me at my office.

Yours truly,



Robert J. Gibson

Encl.

cc: Don Poort, TGL Ltd.
Township of Puslinch
County of Wellington

Instructions

- Please submit this report to the local Aggregate Inspector who administers your site, or the local Ministry of Natural Resources and Forestry (MNR) office.
- Pursuant to subsection 57(4) of the *Aggregate Resources Act* (ARA), it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.

Note: All information in respect of this report is available for public review.

Part 1. Background Information

Year 2016	Licensee TGL LTD.	Licence ID Number 5654 (MARTINI PIT)	
Lot N. 1/2 4	Concession 4	Geographic Township PUSLINCH	
MNR District/Area Office GUELPH DISTRICT		Municipality TOWNSHIP OF PUSLINCH (WELLINGTON COUNTY)	

Part 2. Observations

Note: Any "No" requires completion of Part 3. Remedial Actions.

Operating Standards	In compliance?			Comments	Remedial Action?
	Yes	No	N/A		
A. Site Access					
A1 Boundaries (clearly marked)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Boundaries adjacent to former Cox pit & Twp Rd. 4A are fenced. Marker posts identify west boundary	<input type="checkbox"/>
A2 Entrance and Exits (location/closed)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Locked gate at entrance/exit from Twp. Road 5 restricts inadvertent public access.	<input type="checkbox"/>
A3 Lease/Ownership/Extraction Agreement				Licensee owns property	<input type="checkbox"/>
B. Site Protection					
B4 Fencing	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Boundary fencing is in good condition.	<input type="checkbox"/>
B5 Fencing (site plan variation or temporary relief granted)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		West boundary common to Dolime site runs through agricultural lands and is identified with wood marker posts.	<input type="checkbox"/>
B6 Screening (trees/berms)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Pit is not active and is mainly rehabilitated	<input type="checkbox"/>
B7 Setbacks (15m / 30m or other)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Variances approved for boundaries with Dolime site & former Cox pit. Approved to extract 30m setback along Rd.4A granted.	<input type="checkbox"/>
C. Operational Details					
C8 Operating Sequence	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Pit is not active and is mainly depleted of marketable aggregate.	<input type="checkbox"/>
C9 Stripping (overburden)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Topsoil and overburden was stripped and stored in stockpiles or used in the progressive rehabilitation of pit.	<input type="checkbox"/>
C10 Overburden Seeded	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Remaining stockpiles on site are vegetated with self sustaining growth.	<input type="checkbox"/>

Operating Standards	In compliance?			Comments	Remedial Action?
	Yes	No	N/A		
C11 Extraction Depth	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Above water table extraction only. <u>Lowest floor elevation (m) 296.5 +/-</u>	<input type="checkbox"/>
C12 Buildings/Scales (location)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Scale and scale house are located on the main internal haul road. Scale house severely damaged by vandals.	<input type="checkbox"/>
C13 Equipment (any specific conditions or restrictions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		No aggregate related equipment was on site during the inspection.	<input type="checkbox"/>
C14 Plant (location/any specific conditions or restrictions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Portable processing equipment to be used on site.	<input type="checkbox"/>
C15 Scrap (location/removal)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		No scrap was observed on site at time of inspection.	<input type="checkbox"/>
C16 Stockpiles (location)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Limited amount of aggregate stockpiled on site	<input type="checkbox"/>
C17 Topsoil (location/seeded)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Same as C10 above. Any soil stored in stockpiles is vegetated and self sustaining.	<input type="checkbox"/>
C18 Excavation Faces	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
C19 Ponds (location/depth)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
C20 Internal Roads (any specific conditions or restrictions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Well maintained internal road system	<input type="checkbox"/>
C21 Haul Routes (external/any specific conditions or restrictions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
C22 Blast Monitoring Report (quarries only)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
C23 Dust Suppression	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Dust suppressants to be used when required.	<input type="checkbox"/>
C24 Hours of Operation (any specific conditions or restrictions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
C25 Well Monitoring Reports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
C26 Identification Sign (as per Section 5.22 of Provincial Standards)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Identification sign located near County Road 32 access (Twp Road 5).	<input type="checkbox"/>
C27 Orderly Conditions	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Site is maintained in an orderly manner	<input type="checkbox"/>
C28 Blasting Hours (quarries only)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
D. Rehabilitation					
D29 Disturbed Hectarage	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Current Year - Number of Hectares <u>NIL</u> Total Number of Hectares <u>3.0 +/-</u>	<input type="checkbox"/>
D30 Progressive Rehabilitation	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Current Year - Number of Hectares <u>NIL</u> Total Number of Hectares <u>19.0 +/-</u>	<input type="checkbox"/>
D31 Sloping of Faces	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Pit faces have been sloped & rehabilitated along the north part of west licensed limits, common setbacks graded & rehabilitated	<input type="checkbox"/>
D32 Grades/Contours/Elevations	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Grading and contouring of pit faces and elevations of the pit floor are generally established during the extraction operations.	<input type="checkbox"/>
D33 Importation of Material (inert)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		It is not proposed to import material for rehabilitation purposes.	<input type="checkbox"/>

Operating Standards	In compliance?			Comments	Remedial Action?
	Yes	No	N/A		
D34 Vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Rehabilitated area and slopes are well established and majority are in agricultural use.	<input type="checkbox"/>
D35 Final Rehabilitation	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Rehabilitated areas are being used for agricultural use as proposed.	<input type="checkbox"/>

**E. Prescribed Conditions
(For Licences issued
after June 27, 1997)**

E36 Other Monitoring Reports	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E37 Requirements of C of A's	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E38 Noise Mitigation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E39 Fuel Storage Tanks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E40 Spills Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E41 Permit to Take Water	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>

**F. Other Conditions (As
indicated on either Site
Plan or Licence)**

F43	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
F44	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
F45	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
F46	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
F47	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>

General Comments

Areas of the pit floor that are not in final rehabilitations condition are becoming overgrown with shrubs.

It is recommended that licensee continue conducting pit floor rehabilitation in the southern portion of the site by re-grading and seeding to an agricultural crop.

Portions of site that is not under agricultural cultivation may require stone removal prior to tiling.

Licence ID Number: 5654

Part 3. Remedial Actions

This part must be completed when remedial action is required.

- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNRFB office.

Operating Standard	Remedial Action Required	Deadline Date	MNRFB Direction (for MNRFB use only)
Example: B4 Fencing	200 feet of West boundary to be fenced	2016/06/15	

Sketch Included? Additional Detailed Information Attached Licence ID Number: 5654

Part 4. Submission

Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNRF has on file.

Date Submitted to MNRF (yyyy/mm/dd)

2016/09/27

Is the site held in reserve?

 Yes No

Copies of Report Sent to (by September 30):

 County/Regional Municipality Local Municipality Ministry of Natural Resources and Forestry**Part 5. To be Completed by Person Conducting Review (including on-site inspection)**

Date Inspected (yyyy/mm/dd)

2016/08/09

Review Conducted by (Please Print)

Bob Gibson

Signature (if different than licensee)



Name of Company

Robert Gibson Consulting Services Inc.,

Unit Number

Street Number

15

Street Name

Idlewood Drive

PO Box

City/Town

Kitchener

Province

Ontario

Postal Code

N2A 1H9

Position with Company

President

Part 6. Signature of Licensee or Authorized Official

Signature

**Part 7. For MNRF Office Use Only**

Accepted by MNRF

 Yes No

Date Accepted (yyyy/mm/dd)

MNRF Signature

Field Audit by MNRF

 Yes No

Date Inspected (yyyy/mm/dd)

MNRF Signature

Follow up Notice Required

 Yes No

Licence ID Number

ROBERT GIBSON CONSULTING SERVICES INC.

15 IDLEWOOD DRIVE
KITCHENER, ONTARIO
N2A 1H9

Phone (519) 894-0273
Fax (519) 894-9526
Email gibsonr@rogers.com

September 27, 2016

Ministry of Natural Resources and Forestry
Guelph District Office
1 Stone Road W., 1st Floor
Guelph, Ontario
N1G 4Y2

RECEIVED

OCT 04 2016

Township of Puslinch

Attention: Seana Richardson, Aggregate Resource Specialist

Dear Seana,

SUBJECT: Annual Compliance Assessment Report for 2016
Licence # 5610 (Philips Pit)
Part Lots 4 & 5, Concession 5
Township of Puslinch
Licensee: TGL Ltd.

Enclosed is the Compliance Assessment Report for the gravel pit licensed to TGL Ltd. at the above noted location. Copies of the report have been filed with the Township of Puslinch and the County of Wellington as required under the Aggregate Resources Act.

If you have any questions regarding the report, please contact me at my office.

Yours truly,



Robert J. Gibson

Encl.

cc: Don Poort, TGL Ltd.
Township of Puslinch
County of Wellington

CLERK'S DEPARTMENT	
TO	
Copy	
Please Handle	
For Your Information	
Council Agenda	
File	

Instructions

- Please submit this report to the local Aggregate Inspector who administers your site, or the local Ministry of Natural Resources and Forestry (MNR) office.
- Pursuant to subsection 57(4) of the *Aggregate Resources Act* (ARA), it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.

Note: All information in respect of this report is available for public review.

Part 1. Background Information

Year 2016	Licensee TGL LTD.	Licence ID Number 5610 (PHILIPS PIT)	
Lot PART 4 & 5	Concession 5	Geographic Township PUSLINCH	
MNR District/Area Office GUELPH DISTRICT		Municipality TOWNSHIP OF PUSLINCH (WELLINGTON COUNTY)	

Part 2. Observations

Note: Any "No" requires completion of Part 3. Remedial Actions.

Operating Standards	In compliance?			Comments	Remedial Action?
	Yes	No	N/A		

A. Site Access

A1 Boundaries (clearly marked)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Licensed boundaries are fenced and/or readily identified by vegetated fence rows and/or woodlands.	<input type="checkbox"/>
A2 Entrance and Exits (location/closed)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Locked gate located at entrance/exit restricts public access from Township Road 5.	<input type="checkbox"/>
A3 Lease/Ownership/Extraction Agreement			Licensee owns property.	<input type="checkbox"/>

B. Site Protection

B4 Fencing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fencing requires maintenance along County Rd.; however pit is no longer active.	<input type="checkbox"/>
B5 Fencing (site plan variation or temporary relief granted)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Westerly boundary along Speed River and west section of south boundary identified by natural features/fence lines	<input type="checkbox"/>
B6 Screening (trees/berms)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No screening required as pit is depleted and is rehabilitated to an agricultural after use	<input type="checkbox"/>
B7 Setbacks (15m / 30m or other)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

C. Operational Details

C8 Operating Sequence	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pit is not active and largely depleted.	<input type="checkbox"/>
C9 Stripping (overburden)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Topsoil and overburden material was used for the rehabilitation of pit.	<input type="checkbox"/>
C10 Overburden Seeded	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overburden material used in rehabilitation and is presently cropped.	<input type="checkbox"/>

Operating Standards	In compliance?			Comments	Remedial Action?	
	Yes	No	N/A			
C11 Extraction Depth	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Lowest floor elevation (m) 296.5+/-	<input type="checkbox"/>	
C12 Buildings/Scales (location)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		No buildings are located within the pit area.	<input type="checkbox"/>	
C13 Equipment (any specific conditions or restrictions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	
C14 Plant (location/any specific conditions or restrictions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Pit is mainly depleted and not in operation.	<input type="checkbox"/>	
C15 Scrap (location/removal)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		No scrap was observed on site at the time of the inspection.	<input type="checkbox"/>	
C16 Stockpiles (location)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		No aggregate stockpiles on site.	<input type="checkbox"/>	
C17 Topsoil (location/seeded)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Soil is used in rehabilitation.	<input type="checkbox"/>	
C18 Excavation Faces	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Pit faces have all been sloped prior to final rehabilitation.	<input type="checkbox"/>	
C19 Ponds (location/depth)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
C20 Internal Roads (any specific conditions or restrictions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		No internal road system on site.	<input type="checkbox"/>	
C21 Haul Routes (external/any specific conditions or restrictions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		No specific conditions.	<input type="checkbox"/>	
C22 Blast Monitoring Report (quarries only)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
C23 Dust Suppression	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Not required.	<input type="checkbox"/>	
C24 Hours of Operation (any specific conditions or restrictions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		No operating hours noted	<input type="checkbox"/>	
C25 Well Monitoring Reports	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
C26 Identification Sign (as per Section 5.22 of Provincial Standards)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Common identification sign used with adjacent Martini Pit	<input type="checkbox"/>	
C27 Orderly Conditions	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Site is well maintained in agricultural crops	<input type="checkbox"/>	
C28 Blasting Hours (quarries only)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
D. Rehabilitation						
D29 Disturbed Hectarage	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Current Year - Number of Hectares NIL	Total Number of Hectares NIL	<input type="checkbox"/>
D30 Progressive Rehabilitation	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Current Year - Number of Hectares NIL	Total Number of Hectares 15+/-	<input type="checkbox"/>
D31 Sloping of Faces	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Pit faces were sloped, graded and rehabilitated to an agricultural use.		<input type="checkbox"/>
D32 Grades/Contours/Elevations	<input checked="" type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>
D33 Importation of Material (inert)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Inert material was imported for rehabilitation purposes and the enhancement of the agricultural rehabilitation.		<input type="checkbox"/>

Operating Standards	In compliance?			Comments	Remedial Action?
	Yes	No	N/A		
D34 Vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Vegetation on rehabilitated pit floor and slopes is established and in agricultural use.	<input type="checkbox"/>
D35 Final Rehabilitation	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Rehabilitated areas conform to the site plan requirements.	<input type="checkbox"/>

**E. Prescribed Conditions
(For Licences issued
after June 27, 1997)**

E36 Other Monitoring Reports	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E37 Requirements of C of A's	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E38 Noise Mitigation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E39 Fuel Storage Tanks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E40 Spills Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E41 Permit to Take Water	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>

**F. Other Conditions (As
indicated on either Site
Plan or Licence)**

F43 Importation of asphalt, concrete for recycling	<input checked="" type="checkbox"/>	<input type="checkbox"/>		No material proposed to be imported.	<input type="checkbox"/>
F44	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
F45	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
F46	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
F47	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>

General Comments

Majority of the site has been rehabilitated to agricultural cropping.

Licence ID Number: 5610

Part 3. Remedial Actions

This part must be completed when remedial action is required.

- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNRF office.

Operating Standard	Remedial Action Required	Deadline Date	MNRF Direction (for MNRF use only)
Example: B4 Fencing	200 feet of West boundary to be fenced	2016/06/15	

Sketch Included? Additional Detailed Information Attached Licence ID Number: 5610

Part 4. Submission

Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNRF has on file.

Date Submitted to MNRF (yyyy/mm/dd)
2016/09/27

Is the site held in reserve?
 Yes No

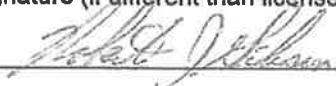
Copies of Report Sent to (by September 30):

County/Regional Municipality Local Municipality Ministry of Natural Resources and Forestry

Part 5. To be Completed by Person Conducting Review (including on-site inspection)

Date Inspected (yyyy/mm/dd)
2016/08/09

Review Conducted by (Please Print)
Bob Gibson

Signature (if different than licensee)


Name of Company
Robert Gibson Consulting Services Inc.,

Unit Number

Street Number
15

Street Name
Idlewood Drive

PO Box

City/Town
Kitchener

Province
Ontario

Postal Code
N2A 1H9

Position with Company
President

Part 6. Signature of Licensee or Authorized Official

Signature


Part 7. For MNRF Office Use Only

Accepted by MNRF
 Yes No

Date Accepted (yyyy/mm/dd)

MNRF Signature

Field Audit by MNRF
 Yes No

Date Inspected (yyyy/mm/dd)

MNRF Signature

Follow up Notice Required
 Yes No

Licence ID Number

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information						Year: 2016
Licensee: St. Marys Cement Inc. (Canada)			Licence ID #: 5563 (Coburn pit)		MNR District/Area Office: Guelph	
Lot: Part 23	Conc.: 7	Geographic Twp.: Puslinch			Municipality: Township of Puslinch	
Observations						
OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?	
	Yes	No	N/A			
A - Site Access						Y
A1	Boundaries (clearly marked)		X		Boundaries are demarcated with fences, signs and/or painted marker posts (see B5).	
A2	Entrance and Exits (location/closed)		X		Access is through the adjacent Aberfoyle pit operated by CBM.	
A3	Lease/Ownership/Extraction Agreement: Lands are owned by licensee.					
B - Site Protection						
B4	Fencing			X	The west licensed boundary is fenced, adjacent to the Concession 7 Road and the east boundary is fenced. Repairs required along perimeter in 2016. See comments.	
B5	Fencing (site plan variation or temporary relief granted)		X		Fencing relief granted for the north and south boundaries shared with the adjacent pits (see site plan overrides).	
B6	Screening (trees/berms)		X		Existing trees and side slopes of silt ponds screen the pit from the adjacent lands (see sketch).	
B7	Setbacks (15m / 30m or other)		X		The setbacks are maintained as shown on the site plans.	
C - Operational Details						
C8	Operating Sequence		X		Extraction is part of Area 3 shown on the site plans. Recently cleared and extracted in Area 3 (2016).	
C9	Stripping (overburden)		X		Stripped topsoil and overburden has been stored in berms and stockpiles or used for rehabilitation of slopes.	
C10	Overburden Seeded		X		Established stockpiles are vegetated.	
C11	Extraction Depth		X		Maximum depth allowed – 295 m asl	Lowest floor elevation +/- 310 m
C12	Buildings/Scales (location)		X		There are no buildings in the licensed area as shown on the site plan.	
C13	Equipment (any specific conditions or restrictions)		X		No equipment presently on site (see page 2 of site plans, note #9).	
C14	Plant (location/any specific conditions or restrictions)		X		No plant currently located on the site (see page 2 of site plans, note #9).	
C15	Scrap (location/removal)		X		Scrap was removed from site and moved to the designated area in the main Aberfoyle pit (see page 2, note #16). Burn pile located along south boundary. See comments.	
C16	Stockpiles (location)		X		Product stockpiles were removed or levelled when the north pit area was rehabilitated (see page 2, note #11).	
C17	Topsoil (location/seeded)		X		Topsoil is stored in the vegetated stockpiles on site (see page 2 of site plans, note #7).	
C18	Excavation Faces		X		Pit faces have been rehabilitated (see page 2 of site plans, note #9).	
C19	Ponds (location/depth)			X	There are no dug ponds on the site (see sketch). The south western part of the pit was used for silt ponds as noted on site plans.	
C20	Internal Roads (any specific conditions or restrictions)		X		As shown on the site plans, with some slight modification. Internal roads to be developed as required.	
C21	Haul Routes (external/any specific conditions or restrictions)		X		No conditions on licence or site plan. Currently as shown on the site plan.	
C22	Blast Monitoring Report (quarries only)			X	Licensed pit. No blasting to occur on site.	
C23	Dust Suppression		X		No conditions on the site plan. MOE approved dust suppressant (calcium chloride or water) to be applied on internal haul road, as required.	
C24	Hours of Operation (any specific conditions or restrictions)		X		No restrictions on licence or site plans.	
C25	Well Monitoring Reports			X	No requirements on the licence or site plan.	
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)		X		Required signs have been installed by the entrance/exits of the main Aberfoyle pit (A2 – McLean Road and Conc. 7) and are maintained.	
C27	Orderly Conditions		X		Site is generally orderly.	
C28	Blasting Hours (quarries only)			X	Licensed pit. No blasting on site.	

Note: Any ("No") requires completion of Page 3

THIS SECTION MUST BE COMPLETED WHEN REMEDIAL ACTION IS REQUIRED

OPERATING STANDARDS from Pg. 1 (e.g. B4 – Fencing)	Remedial Action Required	Deadline Date	MNR Direction (for MNR use only)
<i>EXAMPLE B4 - Fencing</i>	<i>200 ft of West boundary to be fenced</i>	<i>June 15 / 99</i>	


Sketch Included? (see note below)
 Licence ID #: 5563
 Additional Detailed Information Attached

You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.

In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector’s approval (in writing) prior to filing the report with the Inspector or local MNR office.

Date Submitted to MNR: Y / M / D	2016 / 09 / 30	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to:	County/Regional Municipality	Local Municipality	Ministry of Natural Resources
(by September 30th)	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016 / 06 / 28	Review Conducted by: S. Brown (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd. 55 Ainslie St. North, 2 nd Floor, Cambridge, Ontario. N1R 3J6 (519) 740-7250 or 773-6830			
Position with Company: Consultant hired by licensee to complete compliance assessment.			

Signature of Licensee or Authorized Official: 

FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one) YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:	
Field Audit by MNR: (✓ one) YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:	
Follow up Notice Required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 5563			

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)

ZONING: H (HAA NATURAL AREA)
USE:

ZONING: GH
USE:

scale 1:3000
CBM Coburn Pit Licence #5563
Assessment Date: June 28, 1986
IB Survey Stake



ZONING: EX-EXTRACTIVE
LICENCED GRAVEL PIT
USE:

EX-EXTRACTIVE
LICENCED GRAVEL PIT
USE:

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information			Year: 2016
Licensee: St. Marys Cement Inc. (Canada)		Licence ID #: 5497 (McNally pit)	MNR District/Area Office: Guelph
Lot: Part 25 and 26	Conc.: 2	Geographic Twp.: Puslinch	Municipality: Township of Puslinch

Observations

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					Y
A1	Boundaries (clearly marked)	X		Boundaries are demarcated with fences and signs, except for boundaries shared with the adjacent CBM pits to the northeast and east (see B5).	
A2	Entrance and Exits (location/closed)	X		Gates at the entrance/exit along the south boundary (Concession 2 Road) are locked or can be closed and locked.	
A3	Lease/Ownership/Extraction Agreement: Lands are owned by licensee.				
B - Site Protection					
B4	Fencing	X		All boundaries are presently fenced, except those noted in A1 above (see sketch). Minor fencing repairs completed along the south boundary. See general comments.	Y
B5	Fencing (site plan variation or temporary relief granted)	X		Fencing relief granted for the eastern part of the north boundary and the northern part of the east boundary (refer to site plans for Aberfoyle pit no. 5520).	
B6	Screening (trees/berms)	X		Existing berms with trees screens along boundaries, existing vegetation and topography screen the pit from the adjacent land uses (see notes #7 and #8).	
B7	Setbacks (15m / 30m or other)	X		The setbacks are maintained as shown on the site plans. See general comments.	
C - Operational Details					
C8	Operating Sequence	X		Extraction above and below the water table has proceeded into Areas 1 and 4 as shown on the site plans. The majority of Area 1 remains for the plant site and stockpiling area.	
C9	Stripping (overburden)	X		Stripped topsoil and overburden has been stored in berms and stockpiles on site and used for rehabilitation of slopes.	
C10	Overburden Seeded	X		Established stockpiles are vegetated.	
C11	Extraction Depth	X		Maximum depth allowed – 295 m asl Lowest floor elevation +/- 295 m	
C12	Buildings/Scales (location)	X		Existing house/office and adjacent scale house are shown on the site plan. Set of scales installed in the northeast part of the site as shown on approved site plans.	
C13	Equipment (any specific conditions or restrictions)	X		There are loaders and various trucks operating on site (see page 2 on site plans, note #9 on site plans). Rock trucks are hauling aggregate from Lanci pit into site for processing.	
C14	Plant (location/any specific conditions or restrictions)	X		Processing and wash plant currently operating in south eastern part of the site (see page 2, note #9 and phasing diagrams).	
C15	Scrap (location/removal)	X		Scrap is kept to a minimum (see page 2, note#13). Scrap removal is on an ongoing basis in 2016.	
C16	Stockpiles (location)	X		Product stockpiles currently located on the pit floor generally greater than 30 metres from the boundaries (see site plan overrides on page 1 of site plans).	
C17	Topsoil (location/seeded)	X		Topsoil is stored in the vegetated berms and stockpiles on site.	
C18	Excavation Faces	X		Future extraction limited to mainly below the water table (see page 2, note #9 on site plans). Pit faces in the site varied from 2-6 metres in height.	
C19	Ponds (location/depth)	X		There are ponds as the result of extraction below the water table (see notes on page 2 and cross-sections). The small pond was used as a settling pond.	
C20	Internal Roads (any specific conditions or restrictions)	X		As shown on the site plans. Internal roads to be developed as required.	
C21	Haul Routes (external/any specific conditions or restrictions)	X		No conditions on licence or site plan. Access is north through the adjacent pit to the Concession 7 Road.	
C22	Blast Monitoring Report (quarries only)		X	Licensed pit. No blasting to occur on site.	
C23	Dust Suppression	X		Main haul road is paved, MOE approved dust suppressant (water) is applied on internal haul road, as required (see page 2, note #15 on site plans).	
C24	Hours of Operation (any specific conditions or restrictions)	X		No restrictions on the licence or site plan.	
C25	Well Monitoring Reports	X		No conditions on original licence or site plans. Groundwater monitoring program added to amended site plans of 2004.	
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)	X		Required signs have been installed by the entrance/exit of the pit (A2 – Concession 2 Road) and on the east boundary of the adjacent pit. Signs are maintained.	
C27	Orderly Conditions	X		Buildings located on site are maintained in good repair.	
C28	Blasting Hours (quarries only)		X	Licensed pit. No blasting on site.	

RECEIVED
Township of Puslinch

Note: Any ("No") requires completion of Page 3

SEP 30 2016

Observations (continued)					
OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					Y
D29 Disturbed Heclarage	X			Current year - # of hectares 0	Total # of hectares +/- 42.5
D30 Progressive rehabilitation	X			Current year - # of hectares 0	Total # of hectares +/- 10.22
D31 Sloping of Faces	X			Rehabilitation work has been done along the shorelines of the larger pond. Approximately 610 metres of slopes along the west and north boundaries were rehabilitated.	
D32 Grades/Contours/Elevations	X			As shown on the site plan.	
D33 Importation of Material (inert)	X			Off-site materials have not been brought into the site for rehabilitation purposes (see note #9). However, materials can be imported for recycling and blending purposes (see note #9).	
D34 Vegetation	X			The rehabilitated areas are vegetated. A variety of trees and shrubs were planted on the northern peninsula in 2003 which was re-graded to lessen the steep slopes and seeded.	
D35 Final Rehabilitation	X			Extraction has not been completed. Progressive rehabilitation has occurred on site.	
E - Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports			X	Submitted as required (eg. groundwater monitoring). Site plan was amended in 2004 and 2011 to include details of the groundwater monitoring program for this site.	
E37 Requirements of C of A's			X	Licensee has appropriate approvals or has applied for the required approvals.	
E38 Noise Mitigation			X		
E39 Fuel Storage Tanks			X	Fuel is currently stored on the adjacent site (see page 2, note #12).	
E40 Spills Plan			X	Corporate policy in place as part of EMS.	
E41 Permit to Take Water			X	Extraction below the water table and a wash plant are permitted on site (see page 2, note #9). Approval obtained from MOE for PTTW no. 01-P-2230.	
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)			X	MOE approved dust suppressant to be applied to the internal roads, as required.	
F - Other Conditions (As Indicated on either Site Plan or Licence)					
F43 Tonnage Condition	X			Class "A" licence – no tonnage limit	
F44					
F45					
General Comments:					
Site plan amendment was approved in 2004 to include additional groundwater monitoring notes on operational plan.					
Relief (site plan override) granted for stockpiling and locating processing plant within 30 m of licensed boundaries and gated entrance/exit on the adjacent site.					
A1 - Marker post to be re-installed at the northeast corner, now that grading and seeding work has been completed in the area.					
B4 – Site plan amendment for not fencing common boundary shared with McNally East pit and Dufferin licence to the west is pending MNR approval. Repairs completed along south boundary (see 2015 Compliance Assessment report). Additional repairs completed in 2016.					
B7 & C12 – Amendment approved by MNR to eliminate setback along common boundary with McNally East licence and to show scales and variances from common boundary shared with McNally East pit.					
D30 – A small area 24 m x 12 m was sloped and seeded at the northeast corner of the site as part of the McNally East shoreline rehabilitation completed in 2012/13.					
Licence ID#: 5497					

Note: Any ("No") requires completion of **Page 3**

THIS SECTION MUST BE COMPLETED WHEN REMEDIAL ACTION IS REQUIRED

OPERATING STANDARDS from Pg. 1 (e.g. B4 – Fencing)	Remedial Action Required	Deadline Date	MNR Direction (for MNR use only)
<i>EXAMPLE B4 - Fencing</i>	<i>200 ft of West boundary to be fenced</i>	<i>June 15 / 99</i>	

Sketch Included? (see note below)

Licence ID #: 5497


Additional Detailed Information Attached


You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.

In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.

Date Submitted to MNR: Y / M / D	2016 / 09 / 30	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to:	County/Regional Municipality	Local Municipality	Ministry of Natural Resources
(by September 30th)	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

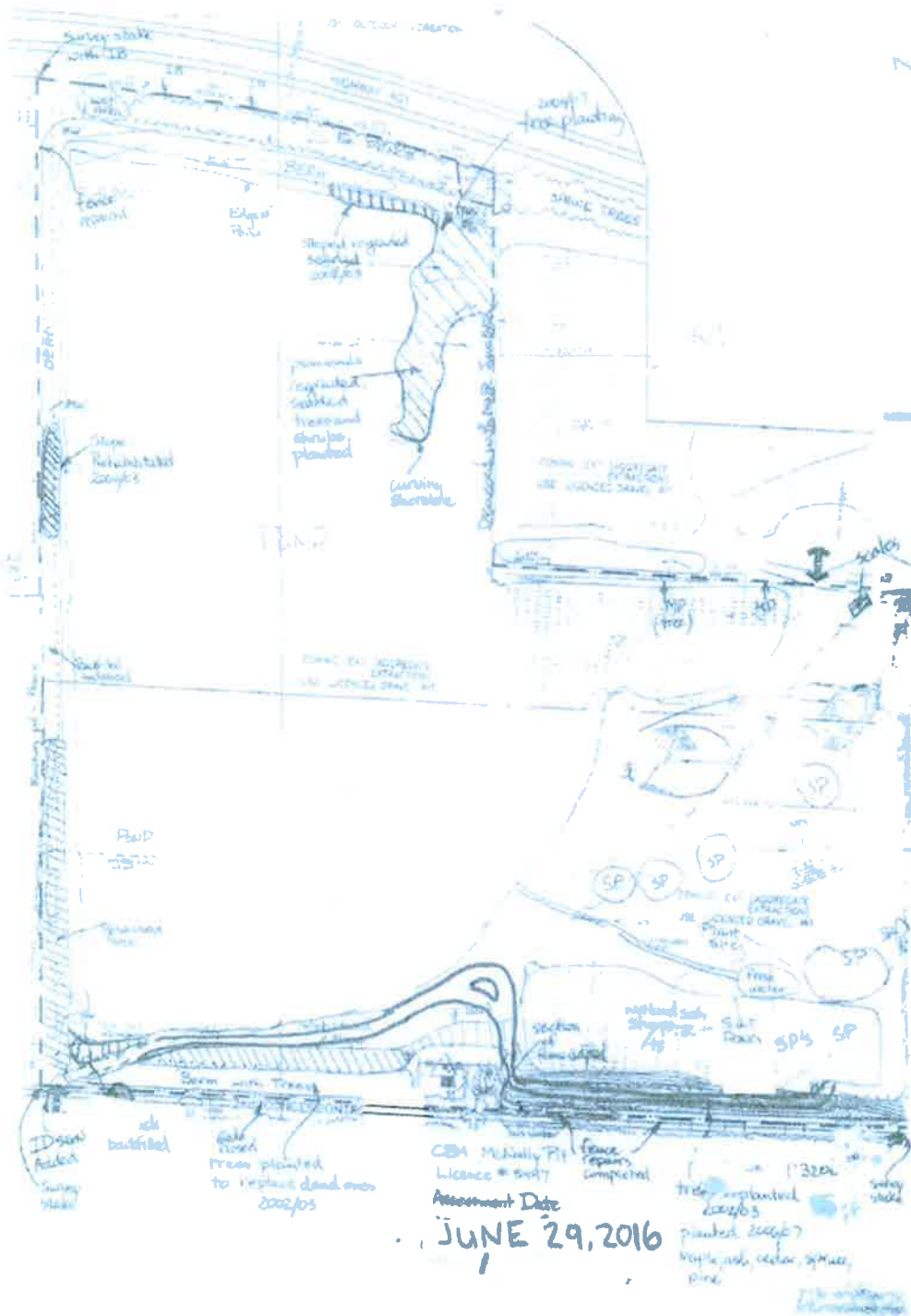
TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016 / 06 / 29	Review Conducted by: S. Brown (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd. 55 Ainsie St. North, 2 nd Floor, Cambridge, Ontario, N1R 3J6 (519) 773-6830			
Position with Company: Consultant hired by licensee to complete compliance assessment.			

Signature of Licensee or Authorized Official:	
---	---

FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 5497		

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)



Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information					Year: 2016
Licensee: St. Marys Cement Inc. (Canada)			Licence ID #: 5520 (Aberfoyle pit)	MNR District/Area Office: Guelph	
Lot: Part 24 and 25	Conc.: 7	Geographic Twp.: Puslinch		Municipality: Township of Puslinch	
Observations					
OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					Y
A1	Boundaries (clearly marked)	X		All boundaries are demarcated with fences, signs and/or marker posts (see B5). Steel posts with signs installed along boundaries shared with adjacent Dufferin pit.	
A2	Entrance and Exits (location/closed)	X		Gates along the licensed boundaries are either closed or can be closed and locked.	
A3	Lease/Ownership/Extraction Agreement: Lands are owned by licensee.				
B - Site Protection					
B4	Fencing	X		The road boundaries are presently fenced. Minor repairs completed for the licensed perimeter in 2015 (see 2015 Compliance Assessment report) and in 2016.	
B5	Fencing (site plan variation or temporary relief granted)	X		Fencing relief granted for various boundaries, adjacent to the existing licensed pits (see site plan overrides).	
B6	Screening (trees/berms)	X		Existing berms and trees screens along the road boundaries of the pit (see sketch) visually screen the pit from the adjacent land uses.	
B7	Setbacks (15m / 30m or other)	X		The setbacks are maintained as shown on the site plans. See site plan overrides for common boundaries.	
C - Operational Details					
C8	Operating Sequence	X		The majority of the above water aggregate resources have been extracted. Below water extraction concentrated in the south western part of the main site, north of 401.	
C9	Stripping (overburden)	X		Stripped topsoil and overburden has been stored in berms and stockpiles on site and used for rehabilitation of the side slopes.	
C10	Overburden Seeded	X		Established berms and stockpiles are vegetated.	
C11	Extraction Depth	X		Maximum depth allowed - 295 m asl Lowest floor elevation +/- 295 m	
C12	Buildings/Scales (location)	X		The existing buildings in the licensed area are as shown on the site plan. Also refer to C14. Scales and office have been moved and are shown on amended plans.	
C13	Equipment (any specific conditions or restrictions)	X		There are loaders and various trucks operating on site (see page 2, note #9 on site plans).	
C14	Plant (location/any specific conditions or restrictions)	X		The fixed processing plant previously located on the pit floor was dismantled and replaced by a portable plant in the east end (see page 2, note #9). See general comments.	
C15	Scrap (location/removal)	X		Scrap is generally located in the designated areas shown on the site plans (see page 2, note #9 on plans). Scrap is removed on an ongoing basis in 2016. See comments.	
C16	Stockpiles (location)	X		Product stockpiles currently located on the pit floor greater than 30 metres from the boundaries, except as noted in the site plan overrides.	
C17	Topsoil (location/seeded)	X		Topsoil is stored in the vegetated berms on site.	
C18	Excavation Faces	X		Extraction has occurred below the water table. Extraction below the water table is permitted up to a maximum depth of 12 m (see page 2, note #10 on site plans).	
C19	Ponds (location/depth)	X		There are excavated ponds located in various parts of the pit floor (see sketch). The former silt pond is located on the west side of concession 7 Road.	
C20	Internal Roads (any specific conditions or restrictions)	X		As shown on the site plans, with slight modifications. Internal roads to be developed as required.	
C21	Haul Routes (external/any specific conditions or restrictions)	X		No conditions on licence or site plan. Access is from McLean Road and Concession 7 Road.	
C22	Blast Monitoring Report (quarries only)		X	Licensed pit. No blasting to occur on site.	
C23	Dust Suppression	X		Parts of the main haul road are paved. MOE approved dust suppressant (water) is applied on internal haul roads, as required.	
C24	Hours of Operation (any specific conditions or restrictions)	X		No restrictions on the licence or site plan.	
C25	Well Monitoring Reports		X	No conditions on licence or site plans.	
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)	X		Required signs have been installed by the entrance/exits of the pit (A2 - Concession 7 and McLean Roads). Signs are maintained.	
C27	Orderly Conditions	X		Buildings located on site are maintained in good repair. Storage and stockpiling areas are orderly.	
C28	Blasting Hours (quarries only)		X	Licensed pit. No blasting on site.	

Note: Any ("No") requires completion of Page 3

THIS SECTION MUST BE COMPLETED WHEN REMEDIAL ACTION IS REQUIRED

OPERATING STANDARDS from Pg. 1 (e.g. B4 – Fencing)	Remedial Action Required	Deadline Date	MNR Direction (for MNR use only)
<i>EXAMPLE B4 - Fencing</i>	<i>200 ft of West boundary to be fenced</i>	<i>June 15 / 99</i>	

Sketch Included? (see note below)


Licence ID #: 5520

Additional Detailed Information Attached

You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.

Date Submitted to MNR: Y / M / D	2016 / 09 / 30	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to:	County/Regional Municipality	Local Municipality	Ministry of Natural Resources
(by September 30th)	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

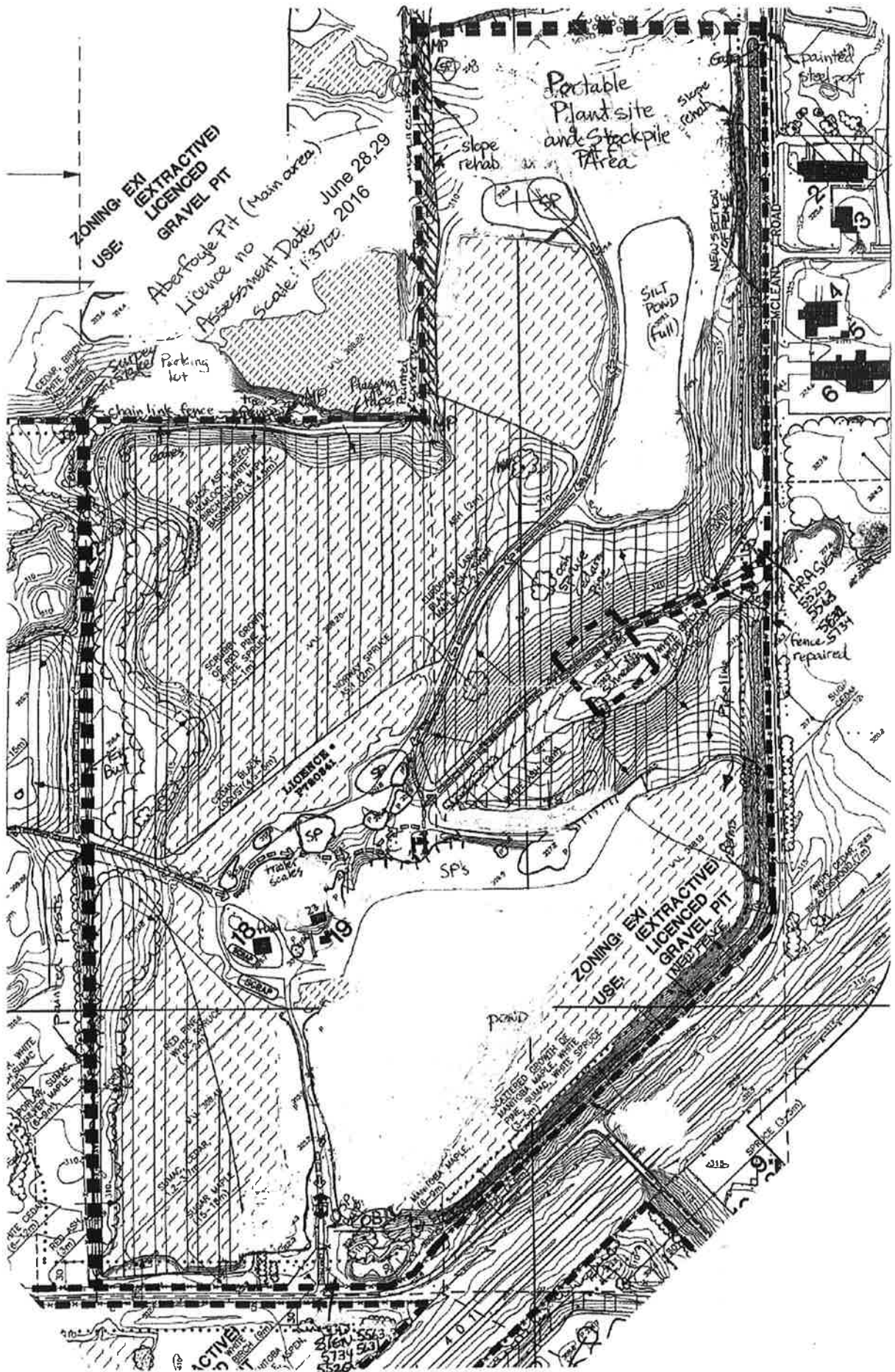
TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016 / 06 / 28 & 29	Review Conducted by: S. Brown (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd 55 Ainsle St. North, 2 nd Floor, Cambridge, Ontario. N1R 3J6 (519) 773-6830			
Position with Company: Consultant hired by licensee to complete compliance assessment.			

Signature of Licensee or Authorized Official:	
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FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 5520		

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)



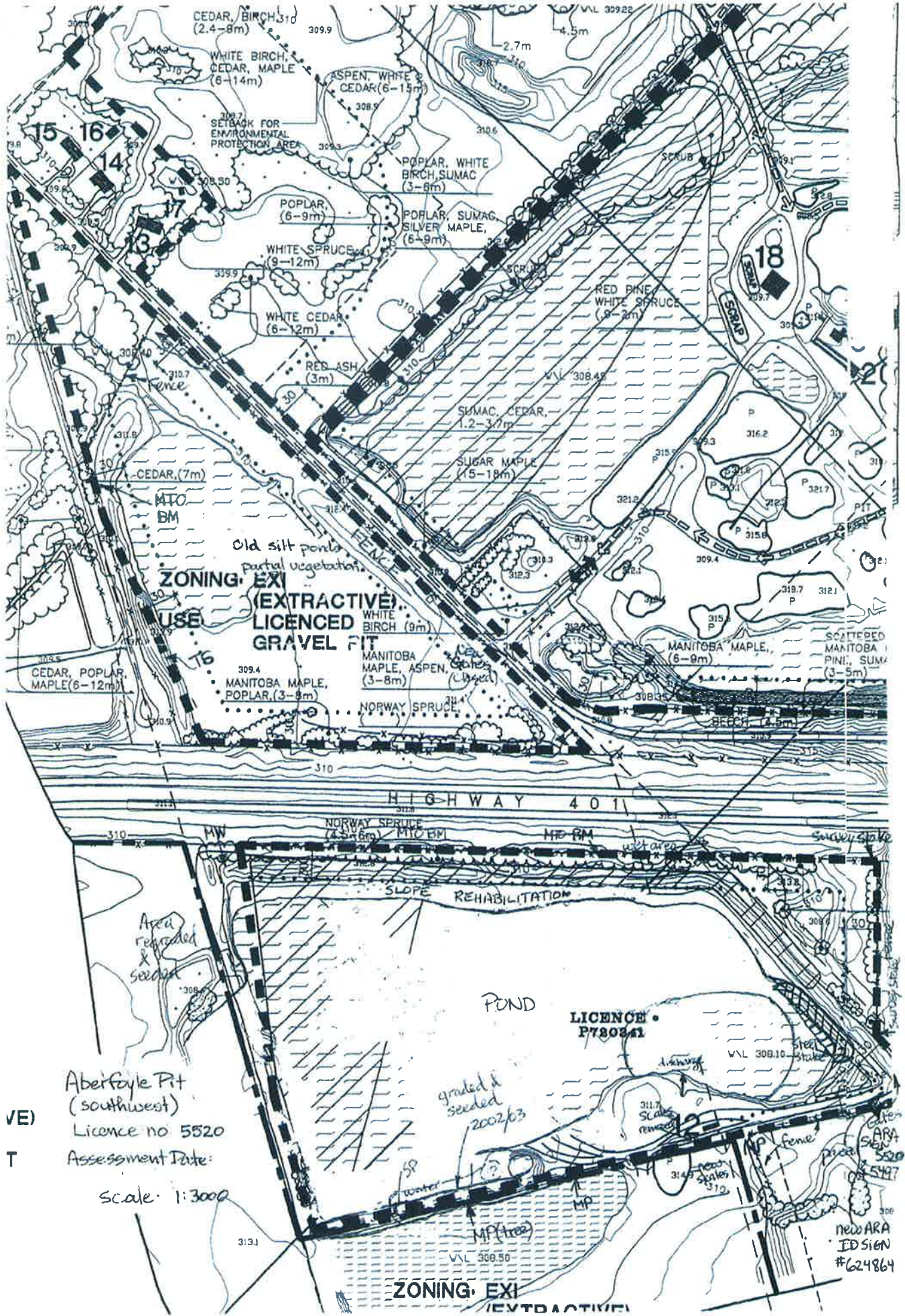
ZONING: EX1 (EXTRACTIVE) LICENCED GRAVEL PIT
 USE:
 Aberfoyle Pit (Main area)
 Licence no. [redacted]
 Assessment Date: June 28, 2016
 Scale: 1:5000

Portable Plant site and Stockpile Area

LICENCED PRACISED

ZONING: EX1 (EXTRACTIVE) LICENCED GRAVEL PIT (NEW FENCE)
 USE:

ACTIVE
 5123
 5134
 5526



Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information			Year: 2016
Licensee: St. Marys Cement Inc. (Canada)		Licence ID #: 624952 (Lanci)	MNR District/Area Office: Guelph
Lot: Part 27	Conc.: 2	Geographic Twp.: Puslinch	Municipality: Township of Puslinch

Observations

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					Y
A1	Boundaries (clearly marked)	X		All boundaries are either fenced or demarcated with painted marker posts (see B5).	
A2	Entrance and Exits (location/closed)	X		Gates are either closed or can be closed and locked. Gates are located at entrance/exit along Concession 2, as shown on site plans. See general comments.	
A3	Lease/Ownership/Extraction Agreement: Owned by St. Marys Cement Inc. (Canada)				
B - Site Protection					
B4	Fencing	X		Fencing was completed in 2012 along the east, north and south boundaries as shown on phase A on page 2 of the site plans. See general comments.	
B5	Fencing (site plan variation or temporary relief granted)	X		Fencing relief has not been granted along west boundary adjacent to the Dufferin licence (see site plan overrides noted on page 2 of the site plans).	
B6	Screening (trees/berms)	X		Berms have been constructed adjacent to Concession 2 and are under construction along Sideroad 25 and south boundary. Coniferous trees planted along north setback, west end.	
B7	Setbacks (15m / 30m or other)	X		Northern section of 15 m west setback area has been stripped for haul road into pit as shown on the site plans. See general comments.	
C - Operational Details					
C8	Operating Sequence	X		Above and below water extraction has occurred in Areas 1 and 2.	
C9	Stripping (overburden)	X		Stripped topsoil and overburden stored in perimeter berms on site and used for progressive rehabilitation of the northern pit face.	
C10	Overburden Seeded	X		Berms have been seeded. Established berms are well vegetated.	
C11	Extraction Depth	X		Maximum depth allowed – +/- 293.5 m asl Lowest floor elevation +/- 294 m	
C12	Buildings/Scales (location)	X		Various buildings remain within the north part of licensed property as shown on the site plans. Refer to note #24 on operational plan regarding removal of buildings.	
C13	Equipment (any specific conditions or restrictions)	X		There is a loader, trucks and dragline operating on site (see page 2 of site plans, note #11).	
C14	Plant (location/any specific conditions or restrictions)	X		No plant currently on the site (see page 2 of site plans, note #11).	
C15	Scrap (location/removal)	X		Scrap was removed or disposed of on an ongoing basis (see page 2, note #20). Trees and stumps can be used for rehabilitation of shorelines or mulched (see site plans).	
C16	Stockpiles (location)	X		Aggregate stockpiles located on pit floor, greater than 30 m from licensed boundaries.	
C17	Topsoil (location/seeded)	X		Topsoil/overburden stored in the berms on site.	
C18	Excavation Faces	X		The pit faces range from 4 to 8 m in height on site (see page 2, note #11).	
C19	Ponds (location/depth)	X		Extraction below the water table has commenced in the southern part of Area 1 as shown on plans (see page 2, note #11).	
C20	Internal Roads (any specific conditions or restrictions)	X		As shown on the site plan. Sign posted at entrance/exit notifying drivers of busses using roadways as per operational note #25.	
C21	Haul Routes (external/any specific conditions or restrictions)	X		Access is north as shown on site plans. All truck traffic will be using Concession 7 entrance/exit.	
C22	Blast Monitoring Report (quarries only)		X	Licensed pit. No blasting to occur on site.	
C23	Dust Suppression	X		Dust suppressant (water) was applied on internal haul road (see operational note #12).	
C24	Hours of Operation (any specific conditions or restrictions)	X		6:00 am to 7:00 pm, Monday to Friday (see page 2, note #21). Any extension to these hours requires approval from the Township.	
C25	Well Monitoring Reports	X		Refer to groundwater monitoring program found under Technical Recommendations on page 3 of the site plans. See general comments.	
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)	X		Required sign has been installed at the main gates at entrance/exit of pit (Concession 2) and is maintained.	
C27	Orderly Conditions	X		Site is generally orderly.	
C28	Blasting Hours (quarries only)		X	Licensed pit. No blasting on site.	

Note: Any ("No") requires completion of Page 3

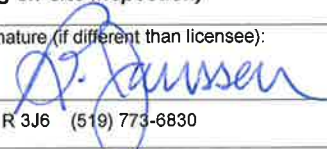
Observations (continued)

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					Y
D29 Disturbed Hectarage	X			Current year - # of hectares 0 Total # of hectares +/- 20.7	
D30 Progressive rehabilitation	X			Current year - # of hectares 0 Total # of hectares +/- 0	
D31 Sloping of Faces	X			Backfilling of the terminated north face (west) has started using on-site overburden in 2013 and 2015. Sloping work done along the west boundary, central section in 2015.	
D32 Grades/Contours/Elevations	X			As shown on the site plan with some minor variations on the pit floor.	
D33 Importation of Material (inert)	X			Importation of fill is permitted (see rehab note #13).	
D34 Vegetation	X			Recently licensed site.	
D35 Final Rehabilitation	X			Operations have commenced on licensed site.	
E - Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports	X			See general comments regarding tree monitoring program.	
E37 Requirements of C of A's	X			None required at this time.	
E38 Noise Mitigation	X			Technical recommendations on page 3. Aercoustics Engineering completed acoustical audit of site as per operational note #21 (refer to letter of June 30/2016).	
E39 Fuel Storage Tanks	X			No fuel is currently stored on site (see notes #11 and #16 regarding storage in above ground containers).	
E40 Spills Plan	X			See note #16 on the site plan for contingency plan implementation.	
E41 Permit to Take Water	X			No pumping of water or dewatering occurring on the site (see page 2 of site plans, note #11).	
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)	X			Water used on internal roads, as required (see page 2 of site plans, note #12).	
F - Other Conditions (As indicated on either Site Plan or Licence)					
F43 Tonnage Condition	X			Class "A" licence – 1,000,000 tonnes annually (see page 2 of site plans, note #22).	
F44					
F45					
General Comments:					
Licence issued in April 2009.					
Tree monitoring program as required by the site plans started in 2010 (see operational note #26).					
A2 – Sign installed at main gates in 2012 advising truck drivers of school buses using Concession Road 2 as per ops note #25.					
B4 – Fencing repairs and maintenance completed along the perimeter in 2015/16.					
B7 – MNR gave approval in June 2013 for a site plan amendment to eliminate the 15 m setback along the west boundary of the site.					
C15 – Scrap has been removed from locations noted in 2015 (see 2015 Compliance Assessment report).					
C25 – Additional groundwater monitoring well installed July 2012 on the property to the south of the licence.					
Licence ID#: 624952					

Note: Any (“No”) requires completion of Page 3

Date Submitted to MNR: Y / M / D	2016 / 09 / 30	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to: (by September 30th)	County/Regional Municipality <input checked="" type="checkbox"/> YES	Local Municipality <input checked="" type="checkbox"/> YES	Ministry of Natural Resources <input checked="" type="checkbox"/> YES
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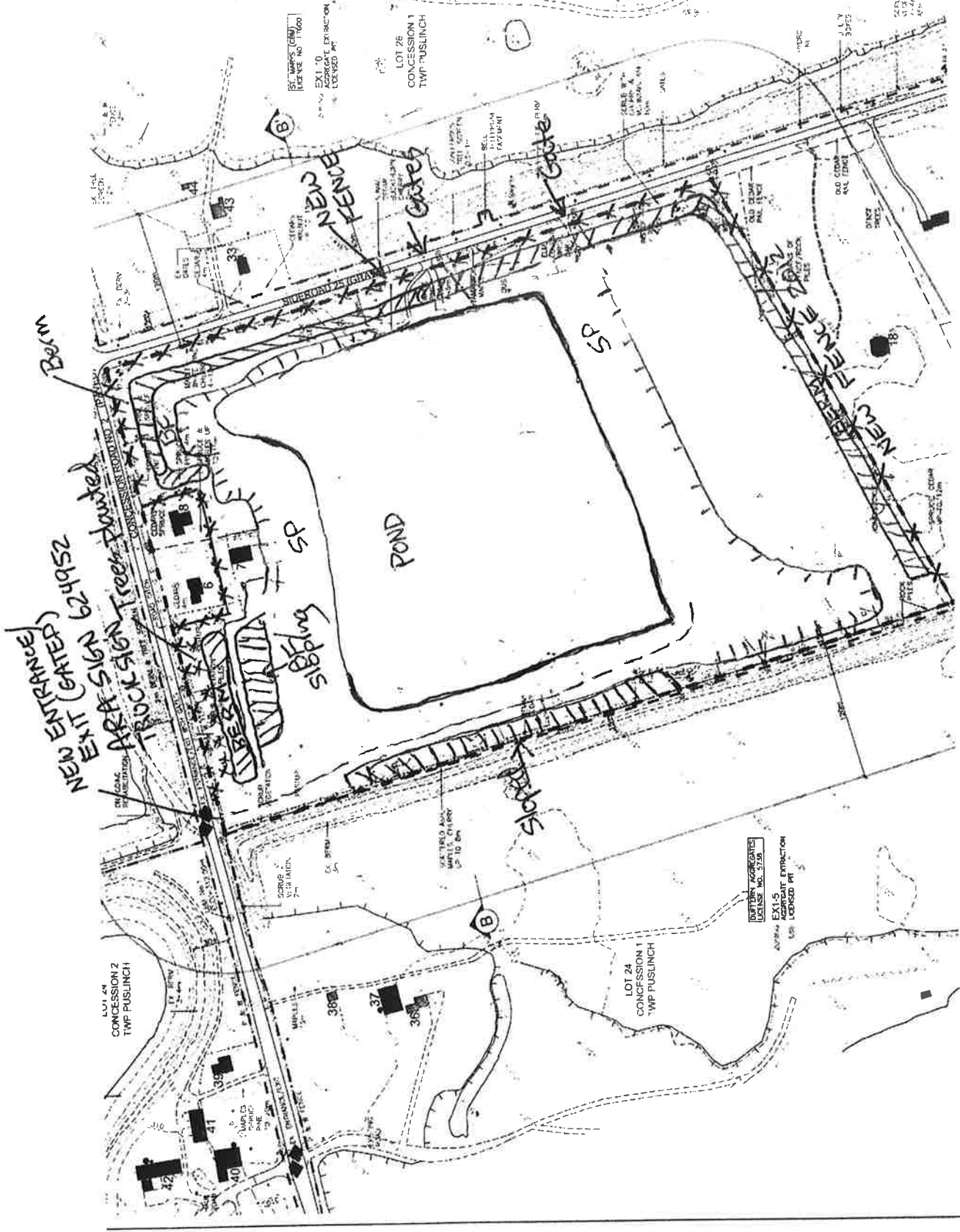
TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016 / 06 / 21	Review Conducted by: B. Janssen (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington and Hoyle Ltd. 55 Ainslie St. North, 2 nd Floor, Cambridge, Ontario. N1R 3J6 (519) 773-6830			
Position with Company: Consultant hired by licensee to complete compliance assessment.			

Signature of Licensee or Authorized Official: 
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FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required? YES <input type="checkbox"/> NO <input type="checkbox"/>			Licence ID #: 624952	

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)



Date: June 21/16
 CBM Lanci Pit
 Ref # 624952
 1:4800

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information

Year: 2016

Licensee: St. Marys Cement Inc. (Canada)

Licence ID #: 625284
(Neubauer pit)

MNR District/Area Office: Guelph

Lot: Part 27

Conc.: 1

Geographic Twp.: Puslinch

Municipality: Township of Puslinch

Observations

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					
A1	Boundaries (clearly marked)		X	Boundaries are either fenced, demarcated with painted marker posts and/or the remains of a fence (see B5). A.N.S.I. boundary was surveyed and staked in the field.	Y
A2	Entrance and Exits (location/closed)	X		Gates are either closed or can be closed and locked. Gates are located at entrance/exit of pit licence 17600 along Concession 2, as shown on site plans.	
A3	Lease/Ownership/Extraction Agreement: Owned by St. Marys Cement Inc. (Canada).				
B - Site Protection					
B4	Fencing		X	The west boundary is currently fenced and parts of the north boundary are fenced. Minor repairs completed along the west boundary in 2015. See general comments.	Y
B5	Fencing (site plan variation or temporary relief granted)	X		Fencing relief granted for the west boundaries adjacent to CBM licence 17600 (see site plan overrides noted on page 2 of the site plans).	
B6	Screening (trees/berms)	X		Extraction has not commenced on site.	
B7	Setbacks (15m / 30m or other)	X		Extraction has not commenced on site. Relief granted for the common boundary shared with the adjacent pit to the west (site plan override).	
C - Operational Details					
C8	Operating Sequence	X		Extraction has not commenced on site.	
C9	Stripping (overburden)	X		Stripped topsoil and overburden will be stored in perimeter berms on site and to be used for progressive rehabilitation of the site.	
C10	Overburden Seeded	X		Extraction has not commenced on site.	
C11	Extraction Depth	X		Maximum depth allowed – +/- 289 m asl Lowest floor elevation +/- NA m	
C12	Buildings/Scales (location)	X		The buildings within the licensed property are as shown on the site plans. Barn has fallen over and licensee is planning to remove it once operations commence on the property.	
C13	Equipment (any specific conditions or restrictions)	X		There is no equipment operating on site (see page 2 of site plans, note #7).	
C14	Plant (location/any specific conditions or restrictions)	X		No plant on the site (see page 2 of site plans, note #7).	
C15	Scrap (location/removal)	X		Scrap will be removed or disposed of on an ongoing basis, as required (see page 2 of site plans, note#24).	
C16	Stockpiles (location)	X		No aggregate stockpiles on site.	
C17	Topsoil (location/seeded)	X		Topsoil/overburden stored in the berms on site.	
C18	Excavation Faces	X		There are no pit faces on site (see page 2, note #7).	
C19	Ponds (location/depth)		X	There are no dug ponds on the site. Extraction permitted below the water table (see page 2, note #7).	
C20	Internal Roads (any specific conditions or restrictions)	X		As shown on the site plan. As per operational note #13, sign advising drivers that roads are also used by school buses, has been installed at pit entrance of 17600.	
C21	Haul Routes (external/any specific conditions or restrictions)	X		Access is west through adjacent pit as shown on site plans. All truck traffic will be using Concession 2 entrance/exit.	
C22	Blast Monitoring Report (quarries only)		X	Licensed pit. No blasting to occur on site.	
C23	Dust Suppression	X		Haul road into pit at entrance/exit has been paved (see note #12).	
C24	Hours of Operation (any specific conditions or restrictions)	X		6:00 am to 7:00 pm, Monday to Friday (see page 2, note #19). Any extension to these hours requires approval from the Township.	
C25	Well Monitoring Reports	X		Refer to groundwater monitoring program found under Technical Recommendations on page 3 of the site plans. See general comments.	
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)	X		Required sign has been installed at the main entrance/exit of the adjacent pit no 17600 (Concession 2) and is maintained.	
C27	Orderly Conditions	X		Site is orderly.	
C28	Blasting Hours (quarries only)		X	Licensed pit. No blasting on site.	

Note: Any ("No") requires completion of Page 3

Observations (continued)							
OPERATING STANDARDS		IN COMPLIANCE?			COMMENTS		Remedial Action?
		Yes	No	N/A			
D – Rehabilitation							Y
D29	Disturbed Hectarage	X			Current year - # of hectares 0	Total # of hectares +/- 0	
D30	Progressive rehabilitation	X			Current year - # of hectares 0	Total # of hectares +/- 0	
D31	Sloping of Faces	X			Extraction has not commenced on site.		
D32	Grades/Contours/Elevations	X			As shown on the site plan with some minor variations on the pit floor.		
D33	Importation of Material (inert)	X			Importation of fill is permitted (see rehab note #6 and page 2, note #29 on site plans).		
D34	Vegetation	X			Recently licensed site.		
D35	Final Rehabilitation	X			Recently licensed site.		
E - Prescribed Conditions (For Licences issued after June 27, 1997)							
E36	Other Monitoring Reports	X			None required at this time.		
E37	Requirements of C of A's	X			None required at this time.		
E38	Noise Mitigation	X			Technical recommendations on page 3		
E39	Fuel Storage Tanks	X			No fuel is currently stored on site (see operational note #25 regarding storage in above ground containers).		
E40	Spills Plan	X			See note #25 on the site plan for contingency plan implementation.		
E41	Permit to Take Water	X			No pumping of water or dewatering occurring on the site (see page 2 on site plans, note #16).		
E42	Dust Suppression Measures Req'd. (Haul routes, equip, etc.)	X			As required (see page 2 on site plans, note #17).		
F - Other Conditions (As indicated on either Site Plan or Licence)							
F43	Tonnage Condition	X			Class "A" licence – 750,000 tonnes annually (see page 2 on site plans, note #6).		
F44							
F45							
General Comments:							
Licence issued in December 2011. Reserve site. Extraction had not commenced on site.							
Relief (site plan override) granted for setback removal adjacent to common boundaries shared with adjacent CBM pit to the west.							
A1 - ANSI boundary to be demarcated in the fall of 2016 as part of licensee's demarcation protocol.							
B4 – Fencing repairs completed along shared boundary with licence 17600 (see 2015 Compliance Assessment Report).							
C25 – BH4 and BH5 monitoring wells were installed in July 2012 on the property as per the technical recommendations.							
Licence ID#: 625284							

Note: Any ("No") requires completion of Page 3

THIS SECTION MUST BE COMPLETED WHEN REMEDIAL ACTION IS REQUIRED

OPERATING STANDARDS from Pg. 1 (e.g. B4 – Fencing)	Remedial Action Required	Deadline Date	MNR Direction (for MNR use only)
<i>EXAMPLE B4 - Fencing</i>	<i>200 ft of West boundary to be fenced</i>	<i>June 15 / 99</i>	

SEE NOTES BELOW REGARDING REMEDIAL ACTION DEADLINE DATES

A1 - Boundaries	Surveyed boundary of A.N.S.I. to be demarcated with highly visible marker posts (see sketch).	December 28, 2016.	<i>Complete</i>
B4 - Fencing	Repairs to be completed to temporary fencing installed along the west boundary of the site (see sketch).	December 28, 2016.	<i>Complete</i>

Sketch Included? (see note below)

Licence ID #: 625284

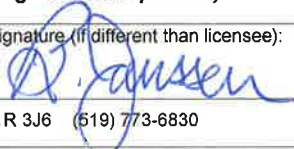
Additional Detailed Information Attached

You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.

In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.

Date Submitted to MNR: Y / M / D	2016 / 09 / 30	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO		

Copies of Report Sent to: (by September 30th)	County/Regional Municipality <input checked="" type="checkbox"/> YES	Local Municipality <input checked="" type="checkbox"/> YES	Ministry of Natural Resources <input checked="" type="checkbox"/> YES
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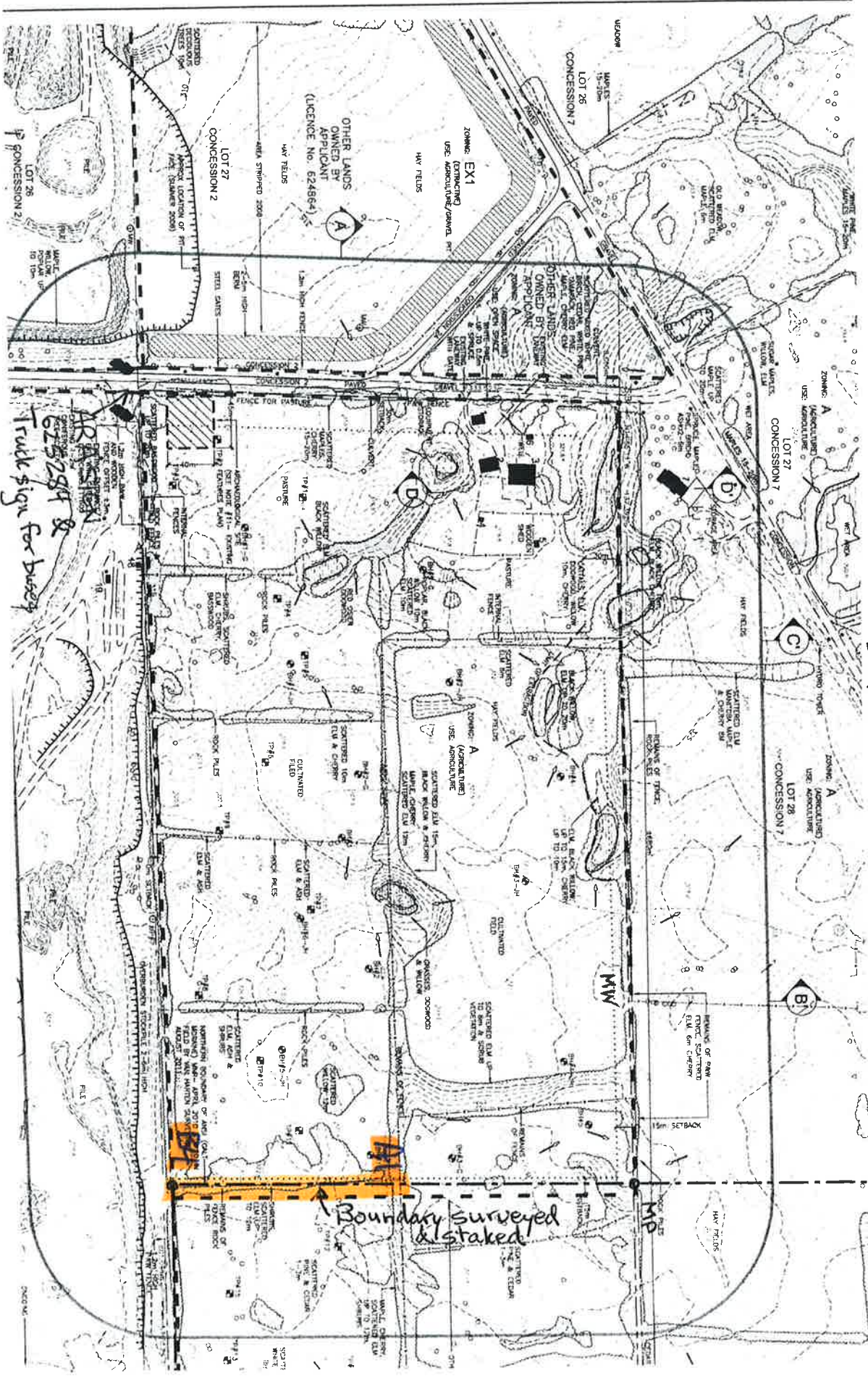
TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016 / 06 / 22	Review Conducted by: B. Janssen (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd. 55 Ainsle St. North, 2 nd Floor, Cambridge, Ontario. N1R 3J6 (519) 773-6830			
Position with Company: Consultant hired by licensee to complete compliance assessment.			

Signature of Licensee or Authorized Official: 
--

FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 625284		

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)



ARPA 625284 & Truck sign for busy

CBM Neubauer Pit
 License no. 625284
 Date: June 21/16

Boundary surveyed & staked

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information					Year: 2016	
Licensee: St. Marys Cement Inc. (Canada)			Licence ID #: 17600		MNR District/Area Office: Guelph	
Lot: Part 26	Conc.: 1	Geographic Twp.: Puslinch			Municipality: Township of Puslinch	
Observations						
OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?	
	Yes	No	N/A			
A - Site Access						
A1	Boundaries (clearly marked)		X		Boundaries are presently fenced with a 1.2 m high post and wire fence and posted with "No Trespassing" signs. See general comments.	Y
A2	Entrance and Exits (location/closed)		X		All gates can be closed and/or locked. Main gates are located at entrance/exit on north boundary at Concession 2 Road.	
A3	Lease/Ownership/Extraction Agreement: CBM/St. Marys Cement Inc. (Canada) own property.					
B - Site Protection						
B4	Fencing			X	Majority of fencing on the site perimeter is in good repair. A few sections are in need of repairs again. See general comments and B5.	Y
B5	Fencing (site plan variation or temporary relief granted)		X		See site plan overrides for approval of having fencing slightly offset from licensed boundaries.	
B6	Screening (trees/berms)		X		Existing berms and tree screens along the west, south and north boundaries of the site. See general comments and noise controls on page 2 of site plans.	
B7	Setbacks (15m / 30m or other)		X		Setbacks are maintained. Amendment approved in 2010 for reducing setbacks along west and east boundaries. See D31 regarding the rehabilitation of terminated pit faces.	
C - Operational Details						
C8	Operating Sequence		X		Active extraction above and below water in southern half of the site, as shown on revised site plans).	
C9	Stripping (overburden)		X		Stripped topsoil and overburden has been stored in berms and stockpiles on site and used for progressive rehabilitation of side slopes.	
C10	Overburden Seeded		X		Established stockpiles and berms are vegetated.	
C11	Extraction Depth		X		Maximum depth allowed - +/- 299 m asl Lowest floor elevation +/- 299m	
C12	Buildings/Scales (location)		X		There are no buildings on-site.	
C13	Equipment (any specific conditions or restrictions)		X		There is no equipment currently operating on the site (see note #11 on site plans).	
C14	Plant (location/any specific conditions or restrictions)		X		No portable plant presently on site.	
C15	Scrap (location/removal)		X		Scrap is to be collected in the storage area and removed from the site on an ongoing basis (see note #20). See general comments.	
C16	Stockpiles (location)		X		Stockpiles are located on the pit floor.	
C17	Topsoil (location/seeded)		X		Topsoil is stored in the vegetated berms and stockpiles on the site.	
C18	Excavation Faces		X		Active pit faces vary from approximately 4-9 metres in height (see note #11 on site plans).	
C19	Ponds (location/depth)		X		Extraction below the water table has resulted in a north pond and south pond(s). Refer to revised site plans approved by MNR in 2004.	
C20	Internal Roads (any specific conditions or restrictions)		X		As shown on the site plan, with some slight modifications.	
C21	Haul Routes (external/any specific conditions or restrictions)		X		Access is north to Concession 2 Road. All truck traffic leaving the pit travel east on the Concession 2 Road, with the option to go north into the McNally pit.	
C22	Blast Monitoring Report (quarries only)			X	Licensed pit. No blasting to occur on site.	
C23	Dust Suppression		X		See operational note #21 regarding dust suppressants. Recycled asphalt has been applied on the haul road. Water truck was used to mitigate dust in the pit (see note #21).	
C24	Hours of Operation (any specific conditions or restrictions)		X		No restrictions on licence or site plans.	
C25	Well Monitoring Reports		X		As required in conditions 5 & 6 of Schedule A of the licence and site plans, groundwater monitoring results are submitted yearly.	
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)		X		Sign at the entrance/exit of the pit (A2 - at Concession 2) was replaced in 2015 and is maintained (see 2015 compliance Assessment report).	
C27	Orderly Conditions		X		Site is kept in orderly condition.	
C28	Blasting Hours (quarries only)			X	Licensed pit. No blasting on site.	

Note: Any ("No") requires completion of Page 3

THIS SECTION MUST BE COMPLETED WHEN REMEDIAL ACTION IS REQUIRED

OPERATING STANDARDS from Pg. 1 (e.g. B4 – Fencing)	Remedial Action Required	Deadline Date	MNR Direction (for MNR use only)
<i>EXAMPLE B4 - Fencing</i>	<i>200 ft of West boundary to be fenced</i>	<i>June 15 / 99</i>	

SEE NOTES BELOW REGARDING REMEDIAL ACTION DEADLINE DATES

B4 - Fencing	Repairs to be completed for damaged sections of temporary fence on the east licensed perimeter and along south boundary (see sketch).	December 28, 2016	<i>completed.</i>

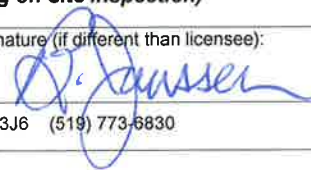
Sketch Included? (see note below)
 Licence ID #: 17600
 Additional Detailed Information Attached

You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.

In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.

Date Submitted to MNR: Y / M / D	2016 / 09 / 30	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to: (by September 30th)	County/Regional Municipality	Local Municipality	Ministry of Natural Resources
	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016 / 06 / 21	Review Conducted by: B. Janssen (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd 55 Ainslie St. North, 2 nd Floor, Cambridge, Ontario. N1R 3J6 (519) 773-6830			
Position with Company: Consultant hired by licensee to complete compliance assessment.			

Signature of Licensee or Authorized Official: 

FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 17600		

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

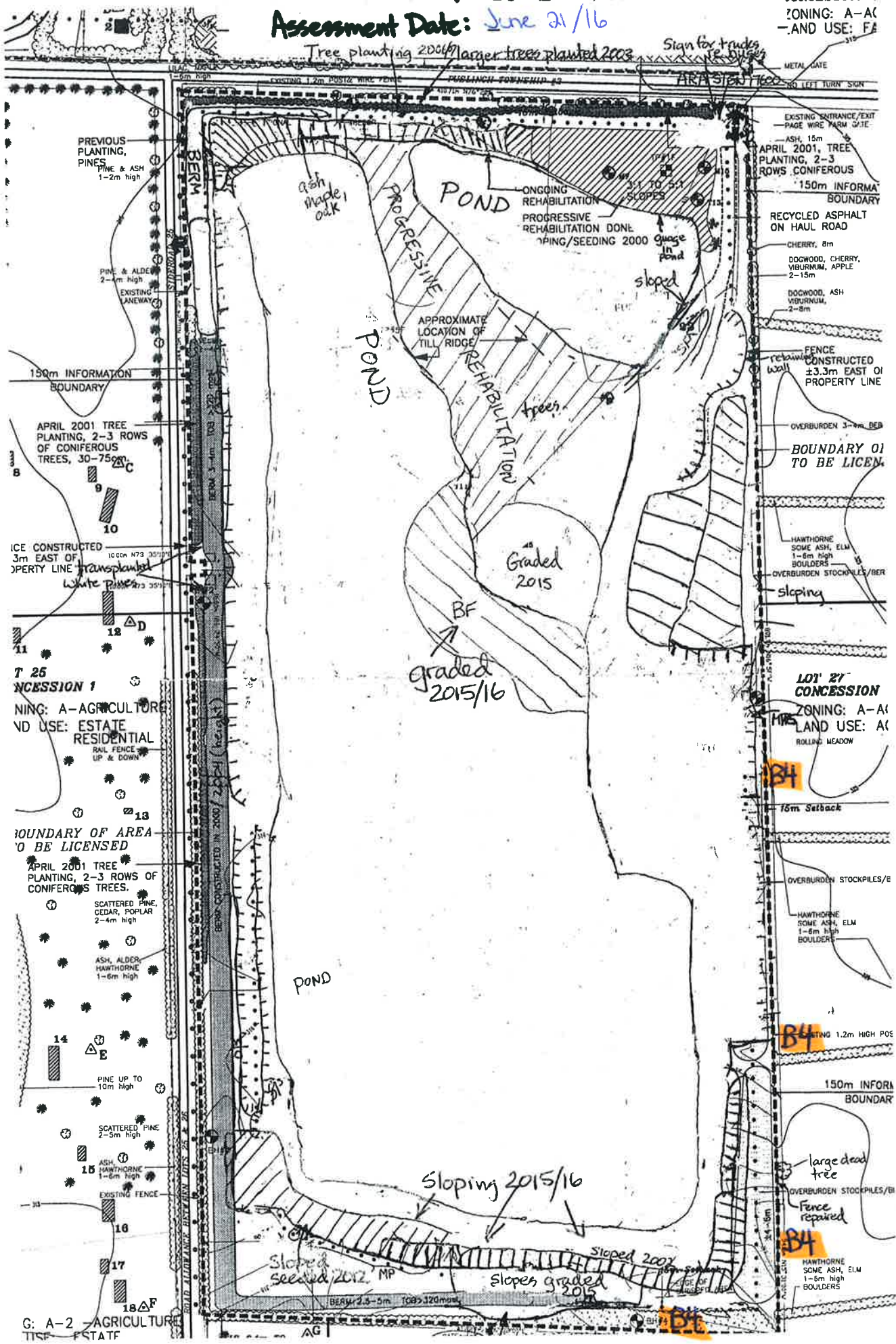
(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)

scale 1:2500

CBM (Puslinch Quality Aggregates) Licence 17600

Assessment Date: June 21/16

ZONING: A-A
LAND USE: FA



Licenses Compliance Assessment Report - Aggregate Resources Act

Roszell Pit

Background Information					Year: 2016
Licensee: St. Marys Cement Inc. (Canada)		Licence ID #: 625189		MNR District/Area Office: Guelph District	
Pt. Lots: 1 & 2	Conc.: 3 & 4	Geographic Twp.: Puslinch		Municipality: Township of Puslinch	
Observations					
OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					
A1	Boundaries (clearly marked)	x		Boundaries have been fenced. Marker posts installed in 2014/15 to demarcate unfenced parts of the licensed boundary. See comments.	
A2	Entrance and Exits (location/closed)	x		Entrance/ exit is gated to restrict access by the public to the site.	
A3	Lease/Ownership/Extraction Agreement			Licensee owns property – licence transferred from Preston S & G to St. Marys	
B - Site Protection					
B4	Fencing	x		Boundary fencing has been constructed to enclose the entire active pit area.	
B5	Fencing (site plan variation or temporary relief granted)	x		Request for a site plan variance to amend the location of portions of the licensed boundary (severance) has been approved by MNR.	
B6	Screening (trees/berms)		x	Pit is to be screened by combination of berms and tree screens. Tree screens to be established immediately after berm construction-Note 23.	Y
B7	Setbacks (15m / 30m or other)	x		Setbacks maintained as per site plans. East 30 m setback staked where stripping is occurring.	
C - Operational Details					
C8	Operating Sequence	x		Above and below water extraction has occurred in Area A. Site plan amendment approved in 2014 to concurrent extraction on-site.	
C9	Stripping (overburden)	x		Stripped soil was used for perimeter berm construction. Established berms are well vegetated.	
C10	Overburden Seeded	x		Established berms are vegetated. Berms under construction in the southern part of the site will be seeded upon completion.	
C11	Extraction Depth	x		Extraction depth permitted - +/- 288 m Lowest floor elevation: 290+/-	
C12	Buildings/Scales (location)	x		Buildings are located as noted on site plan. No aggregate related buildings presently on site.	
C13	Equipment (any specific conditions or restrictions)	x		There is a loader and trucks operating on-site. Dozer and scraper being used in stripping operation.	
C14	Plant (location/any specific conditions or restrictions)	x		Portable processing equipment was originally proposed for site. Site plan amended to reflect no processing in the pit.	
C15	Scrap (location/removal)	x		Minimal amount of scrap noted. See general comments.	
C16	Stockpiles (location)	x		Materials loaded directly from face into trucks for haulage off-site.	
C17	Topsoil (location/seeded)	x		Completed berms are vegetated.	
C18	Excavation Faces	x		Pit faces vary from 3 to 4 m in height and are within MOL regulations.	
C19	Ponds (location/depth)	x		Test ponds on site with piezometers previously installed for monitoring purposes. See general comments.	
C20	Internal Roads (any specific conditions or restrictions)	x		A 150m section of internal road extending from Roszell Rd is covered with recycled asphalt. Site plan amendment approved by MNR (2014).	
C21	Haul Routes (external/any specific conditions or restrictions)	x		Gated private haul road as described in Note 9 constructed and used to transport aggregate to County Road 32.	
C22	Blast Monitoring Report (quarries only)		x	Licensed pit. No blasting to occur.	
C23	Dust Suppression	x		Water or approved dust suppressants to be used when required – Note 15 of Operational Plan.	
C24	Hours of Operation (any specific conditions or restrictions)	x		Loading and shipping – 6:00-19:00, Mondays to Fridays. Extraction and processing to occur 7:00-19:00, Mondays-Fridays	
C25	Well Monitoring Reports	x		Water monitoring report completed. See General Comments re: ecological & aquatic monitoring	
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)	x		Identification sign is located at main entrance/exit.	
C27	Orderly Conditions	x		Site is orderly.	
C28	Blasting Hours (quarries only)		x	Licensed pit. No blasting as part of operation.	

Note: Any ("No") requires completion of Page 3

Observations (continued)					
OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					Y
D29 Disturbed Hectarage	X			Current year - # of hectares <u>5.3</u> Total # of hectares <u>21.6+/-</u>	
D30 Progressive rehabilitation	X			Current year - # of hectares <u>+/- 0.5</u> Total # of hectares <u>+/- 0.9</u>	
D31 Sloping of Faces	X			About 190 m of the west faces has been backfilled and sloped in 2015. An additional 300 m have been sloped in 2015/16.	
D32 Grades/Contours/Elevations	X			To be developed as per site plans.	
D33 Importation of Material (inert)	X			No material imported for rehabilitation purposes.	
D34 Vegetation	X			Established berms are vegetated.	
D35 Final Rehabilitation	X			Extraction ongoing on site.	
E - Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports	X			Ecological & aquatic monitoring being conducted by Dance Environmental Inc. 2015 report submitted in January 2016.	
E37 Requirements of C of A's	X			C of A's required if deemed necessary.	
E38 Noise Mitigation	X			Noise monitoring required as noted on Page 4 Of 6 of the site plan. Report completed July 23, 2015	
E39 Fuel Storage Tanks	X			Fuel storage requirements noted on Page 2 – Operational Plan – Note 20.	
E40 Spills Plan	X			Noted on Operational Plan of the site plan	
E41 Permit to Take Water	X			Permits to be acquired, as required.	
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)	X			Internal road is hard surfaced at pit entrance/exit and dust suppression used to mitigate dust on the road, as required.	
F - Other Conditions (As indicated on either Site Plan or Licence)					
F43 Tonnage Condition	X			750,000 tonnes per year	
F44 Signage – Note 12 on operational plan	X			Sign advising drivers of safety measures has been erected at the entrance/exit of the private haul road exiting onto County Road 32.	
F45		X		Silt barrier, western end, shown to extend into 30 m extraction setback.	Y
General Comments: Site plan amendment approved by MNR in March 2013 to sever small parcel in southwest corner from the licensed pit.					
Vegetation Management Plan (note 6 of operational plan) and ecological and Aquatic monitoring (page 3 of 6) were in the development stages of approval and implementation in 2012.					
A1 – Marker posts have been installed along the unfenced south boundary adjacent to the severed lot. Additional demarcation to be done as part of the licensee's demarcation protocol.					
B4 – Site plan amendment approved by MNR in 2014 to address variation in location of existing fencing and use of silt fencing as specified on the site plans.					
B6 – Berm constructed on the north side of the haul road. Berms completed along Roszell Road and along the southern extraction limit (see E38 below). Three rows of trees have been planted along the east setback and the eastern half of the south extraction limit (2015/16).					
B7 - The extraction limit along the western part of the site has been demarcated with painted stakes. A variety of trees (spruce, walnut, cedar, oaks, etc.) have been planted within the western setback areas.					
C11 – Site plan amendment approved by MNR in 2014 to allow concurrent above and below water extraction on-site. Extraction depth of the three dug ponds is shown to be +/- 288 m asl on the site plans.					
C15 – Non-pit scrap has been removed from the southwest part of the property (see 2015 Compliance Assessment report).					
C19 – Silt barrier construction has been ongoing along the southern extraction limit since 2015. Refer to MNR audit of January 2016.					
E38 – MNR approved a site plan amendment in September 2015 to change the berming requirements along the southern extraction limit for noise attenuation.					
F44 – Sign advising drivers of school buses using roads as required in operational note 22, has been installed at entrance/exit.					
Licence ID#: 625189					

Note: Any ("No") requires completion of Page 3

THIS SECTION MUST BE COMPLETED WHEN REMEDIAL ACTION IS REQUIRED

OPERATING STANDARDS from Pg. 1 (e.g. B4 – Fencing)	Remedial Action Required	Deadline Date	MNR Direction (for MNR use)
<i>EXAMPLE B4 - Fencing</i>	<i>200 ft of West boundary to be fenced</i>	<i>ex. June 15/12</i>	

SEE NOTES BELOW REGARDING REMEDIAL ACTION DEADLINE DATES

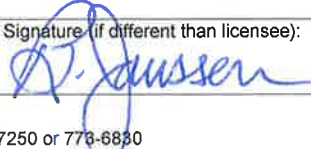
B6 – Tree Screens	Minor site plan amendment may be requested to change location of tree screen shown along south boundary. Trees were planted along southern extraction limit (see sketch).	Awaiting MNR response/review	
F45 – Silt barrier	Site plans show the western end of the silt barrier extending into the 30 m extraction setback. MNR has been informed and this matter will be resolved (see sketch).	Awaiting MNR response/review	


Sketch Included (see note below)	Licence ID #: 625189	<input type="checkbox"/> Additional Detailed Information Attached
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- **You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.**
- **In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.**

Date Submitted to MNR: Y / M / D	2016/09/30	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to:	County/Regional Municipality	Local Municipality	Ministry of Natural Resources
(by September 30th)	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016/05/12	Review Conducted by: B. Janssen (Please Print)	Signature (if different than licensee): 
Name of Company and Address: 55 Ainslie Street North 2 nd Floor Cambridge, Ontario N1R 3J6 (519) 740-7250 or 773-6830			
Position with Company: Consultant hired by licensee to conduct compliance assessment.			

Signature of Licensee or Authorized Official:	
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FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 625189		

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)

Licence ID# 625189

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information			Year: 2016
Licensee: St. Marys Cement Inc. (Canada)		Licence ID #: 129817 (Mast-Snyder)	MNR District/Area Office: Guelph
Lot: Part 14 and 15	Conc.: 4	Geographic Twp.: Puslinch	Municipality: Township of Puslinch

Observations

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					
A1	Boundaries (clearly marked)	X		Majority of boundaries are either fenced or demarcated with painted marker posts and the remains of a fence (see B5). See general comments.	Y
A2	Entrance and Exits (location/closed)	X		Gates to be installed at main entrance/exit along Downey Road, as shown on site plans.	
A3	Lease/Ownership/Extraction Agreement: Owned by St. Marys Cement Inc. (Canada) and part of site is leased.				
B - Site Protection					
B4	Fencing		X	Fencing being upgraded as shown on phase A on page 2 of the site plans prior to extraction activities on site. Maintenance required along south boundary.	Y
B5	Fencing (site plan variation or temporary relief granted)	X		Fencing relief granted for the part of north and northeast boundaries (see site plan overrides noted on page 2 of the site plans).	
B6	Screening (trees/berms)	X		Recently licensed site. See page 2, note #9 and planting plan on page 6 of site plans for details.	
B7	Setbacks (15m / 30m or other)	X		Extraction setbacks maintained. Extraction has not commenced on site.	
C - Operational Details					
C8	Operating Sequence	X		Extraction has not commenced on site.	
C9	Stripping (overburden)	X		Stripped topsoil and overburden will be stored in berms and stockpiles on site and to be used for progressive rehabilitation of the site.	
C10	Overburden Seeded	X		Extraction has not commenced on site.	
C11	Extraction Depth	X		Maximum depth allowed – +/- 319 m asl	Lowest floor elevation +/- NA
C12	Buildings/Scales (location)	X		The buildings within the licensed property are shown on the site plans.	
C13	Equipment (any specific conditions or restrictions)	X		There is no equipment currently operating on site (see page 2 of site plans, note #11).	
C14	Plant (location/any specific conditions or restrictions)	X		No plant currently on the site (see page 2 of site plans, note #11).	
C15	Scrap (location/removal)	X		Scrap and/or buildings to be removed or disposed of on an ongoing basis once operations commence on site (see page 2 of site plans, note #17).	
C16	Stockpiles (location)	X		No aggregate stockpiles on site (see page 2 of site plans, note #11).	
C17	Topsoil (location/seeded)	X		Topsoil/overburden to be stored in vegetated berms and stockpiles on site (see page 2 of site plans, notes #8 and #9).	
C18	Excavation Faces	X		Extraction has not commenced on site (see page 2 of site plans, note #11).	
C19	Ponds (location/depth)		X	There are no new dug ponds on the site. Extraction permitted below the water table (see page 2 on site plans, note #11).	
C20	Internal Roads (any specific conditions or restrictions)	X		To be constructed as shown on plans (see page 2 of site plans, note #12).	
C21	Haul Routes (external/any specific conditions or restrictions)	X		Access will be east as shown on site plans. All truck traffic to use entrance/exit onto Downey Road.	
C22	Blast Monitoring Report (quarries only)		X	Licensed pit. No blasting to occur on site.	
C23	Dust Suppression	X		Dust suppressant (water) to be applied on internal haul road (see note #12). Haul road into pit at entrance/exit to be paved (see note #12 on site plans).	
C24	Hours of Operation (any specific conditions or restrictions)	X		6:00 am to 7:00 pm, Monday to Saturday (see page 2, note #18 on site plans). Any extension to these hours requires approval from the Township.	
C25	Well Monitoring Reports	X		Refer to groundwater monitoring program under Technical Recommendations on page 3 and operational notes on page 2 of the site plans.	
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)	X		Required sign installed south of the proposed entrance/exit of pit (Downey Road) and is maintained.	
C27	Orderly Conditions	X		Site is orderly.	
C28	Blasting Hours (quarries only)		X	Licensed pit. No blasting on site.	

Note: Any ("No") requires completion of Page 3

THIS SECTION MUST BE COMPLETED WHEN REMEDIAL ACTION IS REQUIRED

OPERATING STANDARDS from Pg. 1 (e.g. B4 – Fencing)	Remedial Action Required	Deadline Date	MNR Direction (for MNR use only)
EXAMPLE B4 - Fencing	200 ft of West boundary to be fenced	June 15 / 99	

SEE NOTES BELOW REGARDING REMEDIAL ACTION DEADLINE DATES

B4 - Fencing	Maintenance required for sections of the south fence where the wire has come loose from the posts or has been cut (see sketch).	December 28, 2016.	

Sketch Included? (see note below)

Licence ID #: 129817

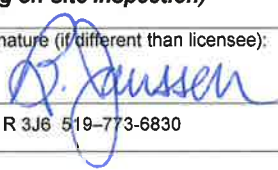
Additional Detailed Information Attached

You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.

In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.

Date Submitted to MNR: Y / M / D	2016 / 09 / 30	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO		

Copies of Report Sent to: (by September 30th)	County/Regional Municipality <input checked="" type="checkbox"/> YES	Local Municipality <input checked="" type="checkbox"/> YES	Ministry of Natural Resources <input checked="" type="checkbox"/> YES
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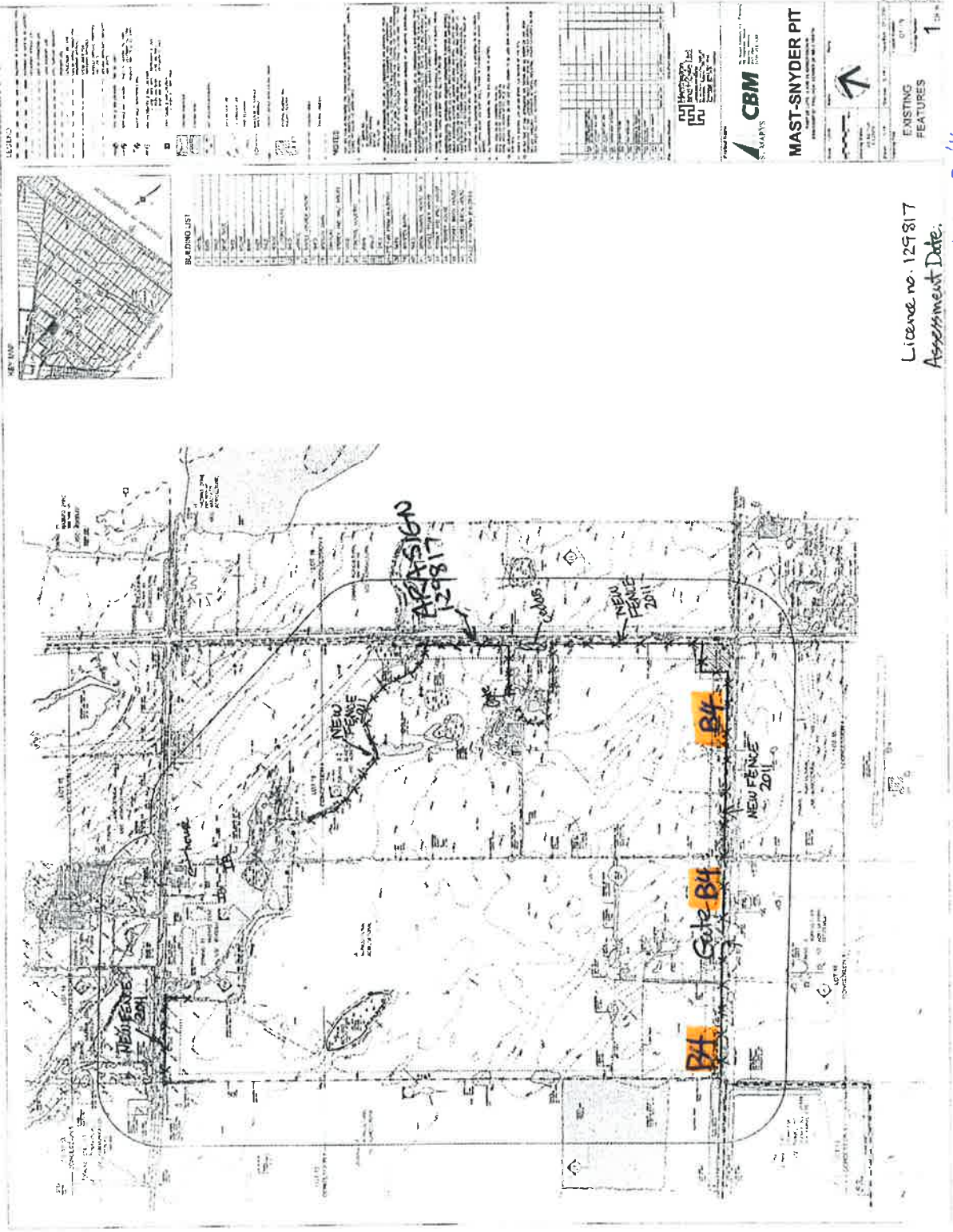
TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016/07/05	Review Conducted by: B. Janssen (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd 55 Ainslie Street North, 2 nd Floor, Cambridge, Ontario N1R 3J6 519-773-6830			
Position with Company: Consultant hired by St Marys to complete compliance assessment.			

Signature of Licensee or Authorized Official: 

FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 129817		

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- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)



BUILDING LIST

NO.	DESCRIPTION	AREA	PERMITS
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LEGEND

- Property Lines
- Streets
- Water Features
- Utilities
- Other

NOTES

1. This map was prepared from aerial photography and field notes.

2. All measurements are in feet and inches.

3. The area shown is approximately 100 feet by 100 feet.

4. The map is not to scale.

5. The map is for informational purposes only.

6. The map is not to be used for legal purposes.

7. The map is not to be used for engineering purposes.

8. The map is not to be used for surveying purposes.

9. The map is not to be used for construction purposes.

10. The map is not to be used for any other purpose.

CBM ST. MAPS

MAST-SNYDER PIT

EXISTING FEATURES

1

License no. 129817
 Assessment Date.

July 5/16

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information					Year: 2016
Licensee: St. Marys Cement Inc. (Canada)			Licence ID #: 624864 (McNally East)		MNR District/Area Office: Guelph
Lot: Part 27	Conc.: 2	Geographic Twp.: Puslinch			Municipality: Township of Puslinch
Observations					
OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					Y
A1	Boundaries (clearly marked)		X		All boundaries are either fenced and/or demarcated ie. with the remains of a fence (see B5). See general comments.
A2	Entrance and Exits (location/closed)		X		Gates are closed and locked and are located at entrance/exits along Concession 2A and Concession 7. Main entrance/exit of adjacent pit for access to this site.
A3	Lease/Ownership/Extraction Agreement: Owned by St. Marys Cement Inc. (Canada).				
B - Site Protection					
B4	Fencing		X		Fencing maintained along the east and south boundaries as shown on phase A on page 2 of the site plans. Repairs completed in 2016 for licensed boundaries, where required.
B5	Fencing (site plan variation or temporary relief granted)		X		Fencing relief granted for the west and north boundaries adjacent to other licences and south of Concession 2A (see site plan overrides noted on page 2 of the site plans).
B6	Screening (trees/berms)		X		Berm remains along Concession 2A road boundary of site. The other perimeter berms have been used for rehabilitation of side slopes. See general comments.
B7	Setbacks (15m / 30m or other)		X		Setbacks maintained as shown on the site plans. Relief granted for the common boundary shared with the adjacent pits to the west and north (site plan override).
C - Operational Details					
C8	Operating Sequence		X		Above and below water extraction has been completed. See general comments.
C9	Stripping (overburden)		X		Stripped topsoil and overburden stored in perimeter berm on site and used for progressive rehabilitation of the site.
C10	Overburden Seeded		X		Established berm is well vegetated.
C11	Extraction Depth		X		Maximum depth allowed – +/- 292 m asl Lowest floor elevation +/- 292 m
C12	Buildings/Scales (location)		X		There are no buildings within the licensed property as shown on the site plans.
C13	Equipment (any specific conditions or restrictions)		X		There is no equipment operating on site (see page 2, note #11 and technical recommendations).
C14	Plant (location/any specific conditions or restrictions)		X		No plant on the site (see page 2, note #11 on site plans).
C15	Scrap (location/removal)		X		Scrap is removed or disposed of on an ongoing basis (see page 2, note #20). Trees and stumps can be used for rehabilitation of shorelines (see site plans).
C16	Stockpiles (location)		X		No aggregate stockpiles remain on the site.
C17	Topsoil (location/seeded)		X		Topsoil/overburden stored in the berms on site.
C18	Excavation Faces		X		Pit faces ranged between 2-6 m in height on site (see page 2, note #11 on site plans).
C19	Ponds (location/depth)		X		Excavation of pond completed in Area 2. Extraction permitted below the water table (see page 2, note #11 on site plans).
C20	Internal Roads (any specific conditions or restrictions)		X		As shown on the site plan.
C21	Haul Routes (external/any specific conditions or restrictions)		X		Access is west through adjacent pit as shown on site plans. All truck traffic used the Concession 7 entrance/exit to the north of the pit.
C22	Blast Monitoring Report (quarries only)			X	Licensed pit. No blasting to occur on site.
C23	Dust Suppression		X		Dust suppressant (water) was applied on internal haul road (see note #12). Haul road into pit at entrance/exit has been paved (see note #12 on site plans).
C24	Hours of Operation (any specific conditions or restrictions)		X		6:00 am to 7:00 pm, Monday to Friday (see page 2, note #22). Any extension to these hours requires approval from the Township.
C25	Well Monitoring Reports		X		Refer to groundwater monitoring program found under Technical Recommendations on page 3 of the site plans. See general comments.
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)		X		Required sign has been installed at the main gates at adjacent entrance/exit of pit (Concession 7) and is maintained.
C27	Orderly Conditions		X		Site is orderly.
C28	Blasting Hours (quarries only)			X	Licensed pit. No blasting on site.

Note: Any ("No") requires completion of Page 3


Observations (continued)

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					
D29 Disturbed Hectarage	x			Current year - # of hectares 0	Total # of hectares +/- 2.7
D30 Progressive rehabilitation	x			Current year - # of hectares 0	Total # of hectares +/- 8.3
D31 Sloping of Faces	x			Rehabilitation of east, north and south shorelines was completed in 2012. All slopes have been seeded and are well vegetated. Trees planted on south slopes.	
D32 Grades/Contours/Elevations	x			As shown on the site plan with some minor variations on the pit floor.	
D33 Importation of Material (inert)	x			Importation of fill is permitted (see rehab note #13 on site plans).	
D34 Vegetation	x			Final rehabilitation can be undertaken (see D31 above).	
D35 Final Rehabilitation	x			Active extraction has been completed. See general comments.	
E - Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports	x			None required at this time.	
E37 Requirements of C of A's	x			None required at this time.	
E38 Noise Mitigation	x			Technical recommendations on page 3 of site plans	
E39 Fuel Storage Tanks	x			No fuel is currently stored on site (see notes #11 and #16 regarding storage in above ground containers).	
E40 Spills Plan	x			See note #16 on the site plan for contingency plan implementation.	
E41 Permit to Take Water	x			No pumping of water or dewatering occurring on the site (see page 2, note #11 on site plans).	
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)	x			As required (see page 2, note #12 on site plans).	
F - Other Conditions (As Indicated on either Site Plan or Licence)					
F43 Tonnage Condition	x			Class "A" licence -- 1,000,000 tonnes annually (see page 2, note #21 on site plans).	
F44					
F45					
General Comments: Licence issued in April 2008.					
Relief (site plan override) granted for setback removal adjacent to common boundaries shared with the adjacent CBM pits to the west and north. Minor site plan amendment approved by MNR in April 2011 to revise monitoring protocol from daily to weekly to match adjacent licence.					
A1 – Fence along west boundary has been removed to facilitate extraction at grade through common boundary with adjacent CBM pit. Post located at northwest corner.					
C8 – MNR gave CBM approval in 2012 for a site plan amendment to leave a section of the perimeter berms used for screening and mitigating noise in place.					
D35 – Trees were planted on the rehabilitated side slopes as shown on the site plans. Enhanced rehabilitation may be completed along the east shoreline of the pond.					
Licence ID#: 624864					

Note: Any ("No") requires completion of Page 3

Date Submitted to MNR: Y / M / D	2016 / 09 / 30	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to:	County/Regional Municipality	Local Municipality	Ministry of Natural Resources
(by September 30th)	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

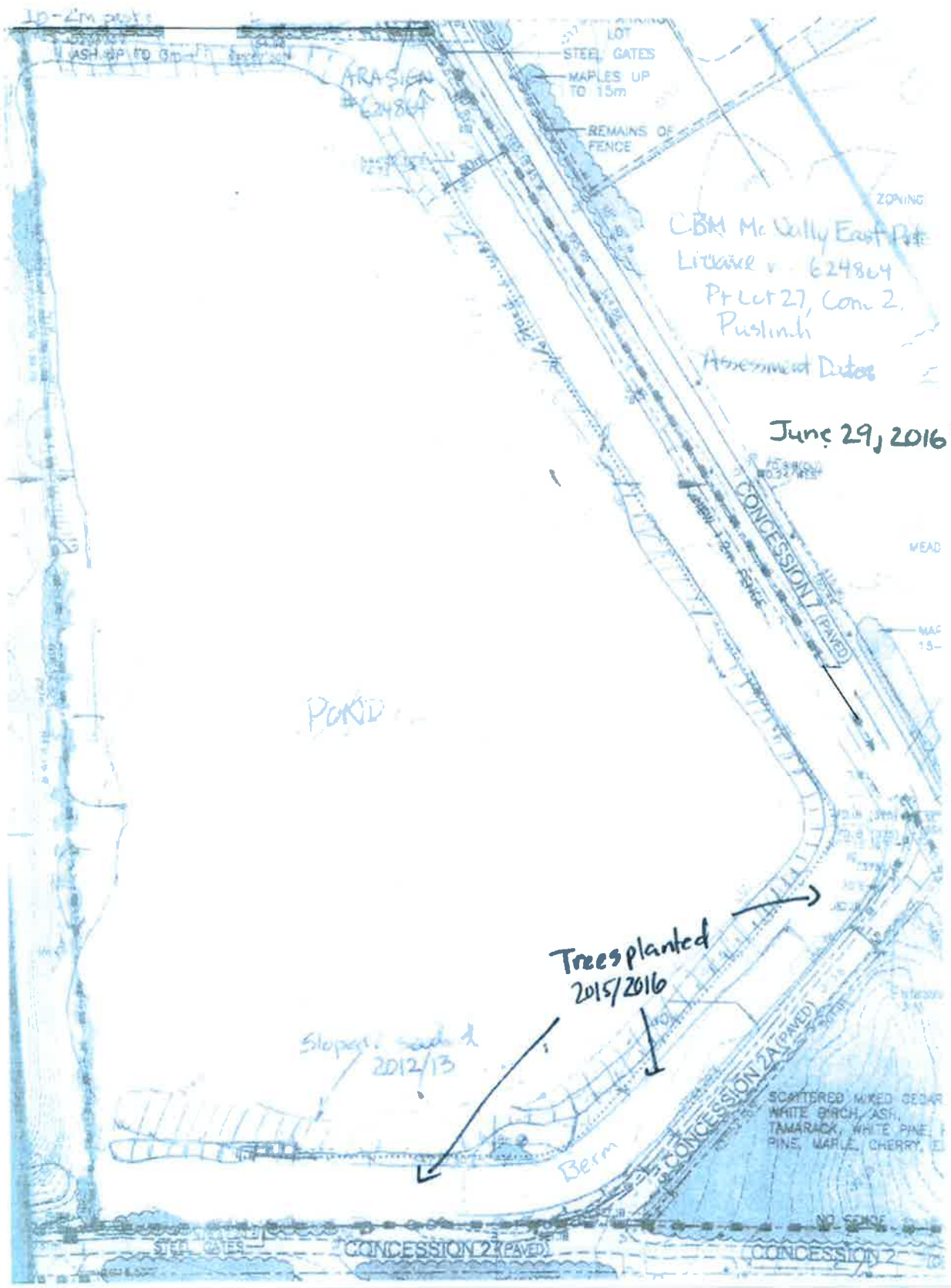
TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016 / 06 / 29	Review Conducted by: S. Brown (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd 55 Ainslie St. North, 2 nd Floor, Cambridge, Ontario, N1R 3J6 (519) 773-6830			
Position with Company: Consultant hired by licensee to complete compliance assessment.			

Signature of Licensee or Authorized Official:	 Lands Manager
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FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 624864		

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)



CBM Mc Vally East Part
Licence v. 624864
Pt Lot 27, Conc 2
Pustlinh
Assessment Dates

June 29, 2016

POND

Trees planted
2015/2016

Sloped south
2012/13

Berm

SCATTERED MIXED CEDAR
WHITE BIRCH, ASH,
TAMARACK, WHITE PINE,
PINE, MAPLE, CHERRY, E

CONCESSION 2 (PAVED)

CONCESSION 2

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information						Year: 2016
Licensee: St. Marys Cement Inc. (Canada)			Licence ID #: 5734 (Edgington 2 pit)		MNR District/Area Office: Guelph	
Lot: Part 25	Conc.: 7	Geographic Twp.: Puslinch			Municipality: Township of Puslinch	
Observations						
OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS		Remedial Action?
	Yes	No	N/A			
A - Site Access						
A1	Boundaries (clearly marked)		X		Boundaries are demarcated with fences, signs and/or painted marker posts (see B5).	
A2	Entrance and Exits (location/closed)		X		Gates along the property boundaries are either closed or can be closed. Access is through the adjacent Aberfoyle pit operated by CBM.	
A3	Lease/Ownership/Extraction Agreement: Lands are owned by licensee.					
B - Site Protection						
B4	Fencing		X		Fence is maintained on south and east property lines. Sections of the east fence, adjacent to Brock Road require repairs were repaired. See general comments.	
B5	Fencing (site plan variation or temporary relief granted)		X		Fencing relief inferred for the west boundary because of common boundary with adjacent pit (see note on site plans for adjacent Aberfoyle pit).	
B6	Screening (trees/berms)		X		Existing vegetation and topography screen the pit from the adjacent lands (see sketch).	
B7	Setbacks (15m / 30m or other)		X		The setbacks are maintained as shown on the site plans.	
C - Operational Details						
C8	Operating Sequence		X		Extraction has proceeded in a single phase, as shown on the site plans.	
C9	Stripping (overburden)		X		Stripped topsoil and overburden has been used for rehabilitation of slopes.	
C10	Overburden Seeded		X		Established stockpiles are vegetated.	
C11	Extraction Depth		X		Maximum depth allowed – 313.5 m asl	Lowest floor elevation +/- 313.5 m
C12	Buildings/Scales (location)		X		There are no buildings in the licensed area as shown on the site plan. Trailers have been removed from site.	
C13	Equipment (any specific conditions or restrictions)		X		There are trucks and a loader using the site (see page 2 of site plans, operational notes).	
C14	Plant (location/any specific conditions or restrictions)		X		No plant currently located on the site. Refer to site plan (see page 2 of site plans, operational plan).	
C15	Scrap (location/removal)		X		No scrap currently stored on site (see page 2 of site plans, operational notes). Scrap removal ongoing, as required.	
C16	Stockpiles (location)			X	Located on pit floor, generally greater than 30 m from licensed boundaries. Recycling of concrete not addressed on site plans.	
C17	Topsoil (location/seeded)		X		Topsoil was stored in the vegetated berms and stockpiles on site.	
C18	Excavation Faces		X		Pit faces in the northern part of the site were approximately 3 metres in height (see page 2, operational notes) and have now been sloped.	
C19	Ponds (location/depth)			X	There are no dug ponds on the site (see sketch). There is a natural pond/wetland in the south-central part of the site.	
C20	Internal Roads (any specific conditions or restrictions)		X		As shown on the site plans, with some modification, internal roads to be developed as required.	
C21	Haul Routes (external/any specific conditions or restrictions)		X		Currently as shown on the site plan.	
C22	Blast Monitoring Report (quarries only)			X	Licensed pit. No blasting to occur on site.	
C23	Dust Suppression		X		No conditions on the site plan. MOE approved dust suppressant (calcium chloride or water) to be applied on internal haul road, as required.	
C24	Hours of Operation (any specific conditions or restrictions)		X		No restrictions on licence or site plans.	
C25	Well Monitoring Reports			X	No requirements on the licence or site plan.	
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)		X		Required signs have been installed by the entrance/exits of the main Aberfoyle pit (A2 – McLean Road and Conc. 7) and are maintained.	
C27	Orderly Conditions		X		Site is tidy.	
C28	Blasting Hours (quarries only)			X	Licensed pit. No blasting on site.	

Note: Any ("No") requires completion of Page 3

Observations (continued)

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					Y
D29 Disturbed Hectarage	X			Current year - # of hectares 0 Total # of hectares +/- 2.51	
D30 Progressive rehabilitation	X			Current year - # of hectares 0 Total # of hectares +/- 2.79	
D31 Sloping of Faces	X			Pit faces along the north and southeast boundaries have been sloped, as shown on the site plans. The remaining pit faces along the north boundary were recently rehabilitated.	
D32 Grades/Contours/Elevations	X			As shown on the site plan.	
D33 Importation of Material (inert)	X			Off-site materials can be brought into the site for rehabilitation purposes (see page 2, amendment approved in 1997).	
D34 Vegetation	X			Berm and the rehabilitated side slopes are well vegetated.	
D35 Final Rehabilitation	X			Progressive rehabilitation of the majority of the disturbed area has occurred on site. Backfilling of the small perched pond in ongoing as per the final rehabilitation plan (2014).	
E - Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports			X	Refer to water monitoring program shown on page 2 of the site plans.	
E37 Requirements of C of A's			X	None required at this time.	
E38 Noise Mitigation			X	Berms to be constructed, as required.	
E39 Fuel Storage Tanks			X	No fuel currently stored on site (see page 2, operational notes).	
E40 Spills Plan			X	Corporate policy in place as part of EMS.	
E41 Permit to Take Water			X	No pumping of water or dewatering occurring on the site. Extraction to remain above the water table.	
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)			X	MOE approved dust suppressant to be applied to the internal roads, as required.	
F - Other Conditions (As indicated on either Site Plan or Licence)					
F43 Tonnage Condition	X			Class "A" licence – 600,000 tonnes annually	
F44					
F45					
General Comments:					
Refer to MNR's Inspection report of April 2013 regarding new marker posts to be installed along the unfenced boundaries.					
B4 – Fencing repairs completed along the east property line (see 2015 Compliance Assessment report).					
D35 - Southern part of site that was backfilled, has been graded and seeded (2015).					
Licence ID#: 5734					

Note: Any ("No") requires completion of Page 3

THIS SECTION MUST BE COMPLETED WHEN REMEDIAL ACTION IS REQUIRED

OPERATING STANDARDS from Pg. 1 (e.g. B4 – Fencing)	Remedial Action Required	Deadline Date	MNR Direction (for MNR use only)
<i>EXAMPLE B4 - Fencing</i>	<i>200 ft of West boundary to be fenced</i>	<i>June 15 / 99</i>	

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C16 - Stockpiles	Stockpiles of concrete for recycling to be moved into the adjacent pit (see sketch).	December 28, 2016.	


<input checked="" type="checkbox"/> Sketch Included? (see note below)	Licence ID #: 5734	<input type="checkbox"/> Additional Detailed Information Attached
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You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.

In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.

Date Submitted to MNR: Y / M / D	2016/09/30	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to:	County/Regional Municipality	Local Municipality	Ministry of Natural Resources
(by September 30th)	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

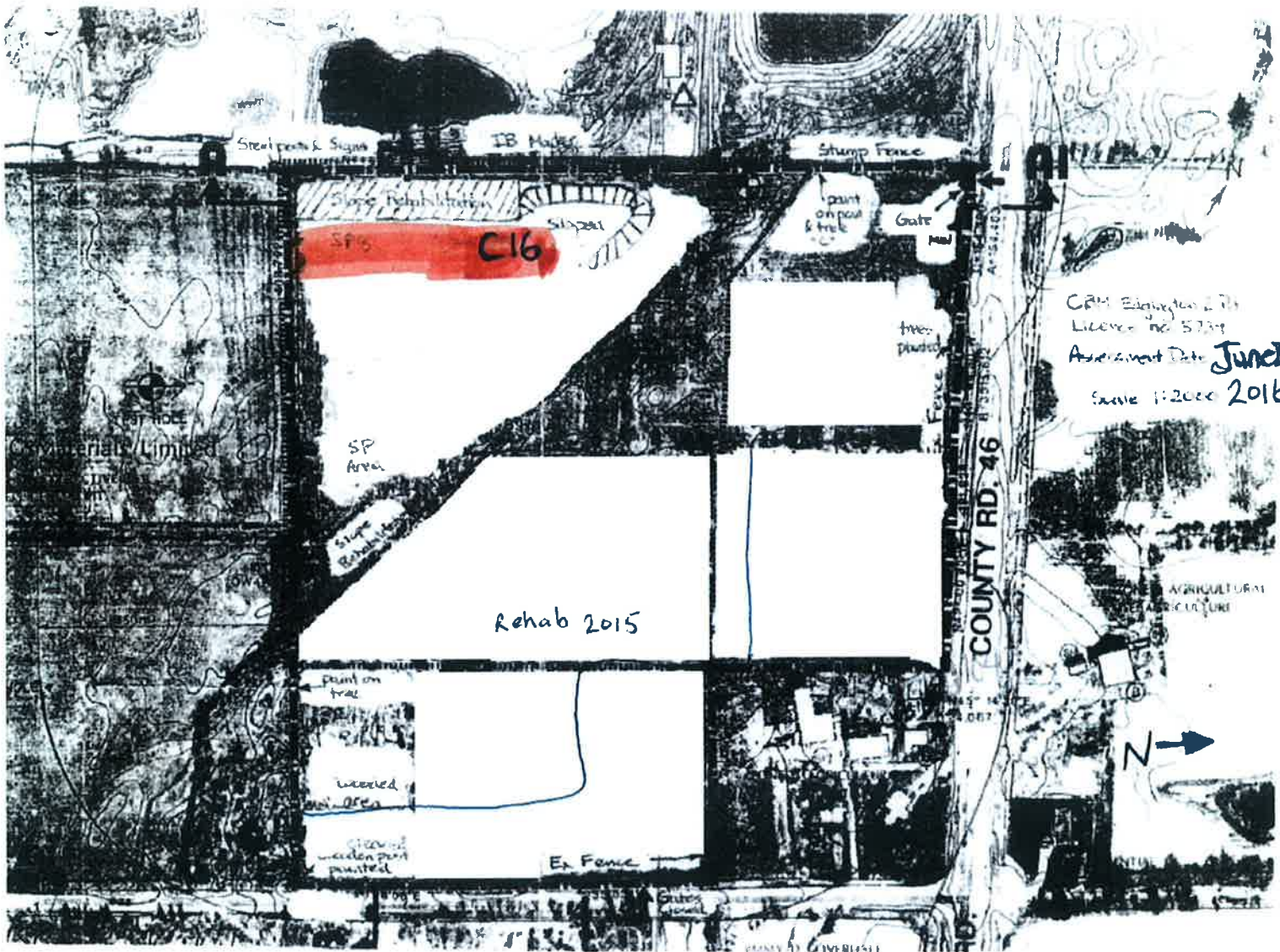
TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016/ 06/ 28	Review Conducted by: S. Brown (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd 55 Ainslie Street North 2 nd Floor, Cambridge, Ontario N1R 3J6 519-773-6830			
Position with Company: Consultant hired by St Marys to complete compliance assessment.			

Signature of Licensee or Authorized Official:	
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FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 5734		

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)



CRM Edgerton & P
 License No. 5739
 Assessment Date **June 28,**
 Save 11:20:00 2016

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information						Year: 2016
Licensee: St. Marys Cement Inc. (Canada)				Licence ID #: 5531 (Edgington 1 pit)	MNR District/Area Office: Guelph	
Lot: Part 25	Conc.: 7	Geographic Twp.: Puslinch			Municipality: Township of Puslinch	
Observations						
OPERATING STANDARDS		IN COMPLIANCE?			COMMENTS	Remedial Action?
		Yes	No	N/A		
A - Site Access						
A1 Boundaries (clearly marked)		x			All boundaries are demarcated with a 1.2 m high fence, signs or painted marker posts (see B5). See general comments.	
A2 Entrance and Exits (location/closed)		x			Gates are not required. Access is through the adjacent Aberfoyle pit also operated by CBM.	
A3 Lease/Ownership/Extraction Agreement: Lands are owned by licensee.						
B - Site Protection						
B4 Fencing		x			Fence is maintained along the south licensed boundary adjacent to McLean Road. Minor repairs completed in 2015.	
B5 Fencing (site plan variation or temporary relief granted)		x			Fencing relief granted for the east, west and north boundaries (see site plan overrides).	
B6 Screening (trees/berms)		x			Existing berm along the south boundary adjacent to McLean Road (see sketch).	
B7 Setbacks (15m / 30m or other)		x			The rehabilitated side slope completed along the south boundary is within the 30 m setback area. See general comments.	
C - Operational Details						
C8 Operating Sequence		x			Extraction was part of Area 1 shown in the phasing diagrams on the site plans.	
C9 Stripping (overburden)		x			Stripped topsoil and overburden has been stored in berms and/or stockpiles or used for rehabilitation of slopes.	
C10 Overburden Seeded		x			Established stockpiles are vegetated.	
C11 Extraction Depth		x			Maximum depth allowed – 312.5 m asl	Lowest floor elevation +/- 313 m
C12 Buildings/Scales (location)		x			There are no buildings in the licensed area as shown on the site plan.	
C13 Equipment (any specific conditions or restrictions)		x			There is no equipment operating on site (see page 2, note #9 on site plans).	
C14 Plant (location/any specific conditions or restrictions)		x			No plant currently located on the site (see page 2, note #9 on site plans).	
C15 Scrap (location/removal)		x			Minimal scrap currently on site. Scrap to be located in the designated area in the main Aberfoyle pit as shown on the site plan (see page 2).	
C16 Stockpiles (location)		x			Product stockpiles located on the pit floor greater than 30 m from the boundaries.	
C17 Topsoil (location/seeded)		x			Topsoil is stored in the vegetated berm on site (see page 2, note #7 on site plans).	
C18 Excavation Faces		x			Pit faces in the site have been graded and/or sloped (see page 2, note #7 on site plans).	
C19 Ponds (location/depth)				x	There are no dug ponds on the site (see sketch).	
C20 Internal Roads (any specific conditions or restrictions)		x			As shown on the site plans, with some modification. Internal roads to be developed as required.	
C21 Haul Routes (external/any specific conditions or restrictions)		x			No conditions on licence or site plan. Currently as shown on the site plan.	
C22 Blast Monitoring Report (quarries only)				x	Licensed pit. No blasting to occur on site.	
C23 Dust Suppression		x			No conditions on the site plan. MOE approved dust suppressant (calcium chloride or water) applied on internal haul road, as required.	
C24 Hours of Operation (any specific conditions or restrictions)		x			No restrictions on licence or site plans.	
C25 Well Monitoring Reports				x	No requirements on the licence or site plan.	
C26 Identification Sign (as per Sect. 5.22 of Provincial Standards)		x			Required signs have been installed by the entrance/exits of pit (A2 – McLean Road and Conc. 7) and are maintained.	
C27 Orderly Conditions		x			Site is tidy.	
C28 Blasting Hours (quarries only)				x	Licensed pit. No blasting on site.	

Note: Any ("No") requires completion of Page 3

Observations (continued)					
OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					Y
D29 Disturbed Hectarage	x			Current year - # of hectares 0 Total # of hectares 5.49	
D30 Progressive rehabilitation	x			Current year - # of hectares 0 Total # of hectares +/- 2.3	
D31 Sloping of Faces	x			Pit faces along the north boundary, adjacent to the woodlot in the southeast part of the site and along the south boundary have been	
D32 Grades/Contours/Elevations	x			As shown on the site plan with some minor variations on the pit floor.	
D33 Importation of Material (inert)	x			Off-site materials can be brought into the site (see page 2, note #17).	
D34 Vegetation	x			Berm and the rehabilitated side slopes are well vegetated. Pit floor has been graded for stockpiles.	
D35 Final Rehabilitation	x			Progressive rehabilitation has occurred on site.	
E - Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports			x	None required at this time.	
E37 Requirements of C of A's			x	None required at this time.	
E38 Noise Mitigation			x	Berm has been constructed in setback area adjacent to McLean Road.	
E39 Fuel Storage Tanks			x	No fuel currently stored on site (see page 2, note #15).	
E40 Spills Plan			x	Corporate policy in place as part of EMS.	
E41 Permit to Take Water			x	No pumping of water or dewatering occurring on the site. Extraction to remain above the water table.	
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)			x	MOE approved dust suppressant to be applied to the internal roads, as required.	
F - Other Conditions (As indicated on either Site Plan or Licence)					
F43 Tonnage Condition	x			Class "A" licence – 1,000,000 tonnes annually	
F44					
F45					
General Comments:					
Site plan amendment approved in October 1997 and July 1999 to revise various items and notes.					
Relief (site plan override) granted for setbacks and fencing along the west, north and east boundaries (see site plan).					
A1 – Corners of the property were demarcated with painted posts (see sketch). Additional marker posts added in 2013, where feasible, to make the unfenced boundaries more visible.					
B7 – Site plan amendment approved by MNR in 2011 for Aberfoyle Main pit to address this housekeeping item.					
Licence ID#: 5531					

Note: Any ("No") requires completion of Page 3

THIS SECTION MUST BE COMPLETED WHEN REMEDIAL ACTION IS REQUIRED

OPERATING STANDARDS from Pg. 1 (e.g. B4 – Fencing)	Remedial Action Required	Deadline Date	MNR Direction (for MNR use only)
<i>EXAMPLE B4 - Fencing</i>	<i>200 ft of West boundary to be fenced</i>	<i>June 15 / 99</i>	


Sketch Included? (see note below)
 Licence ID #: 5531
 Additional Detailed Information Attached

You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.

In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.

Date Submitted to MNR: Y / M / D	2016 / 09 / 25	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to: (by September 30th)	County/Regional Municipality <input type="checkbox"/> YES	Local Municipality <input type="checkbox"/> YES	Ministry of Natural Resources <input type="checkbox"/> YES
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TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016 / 06 / 28	Review Conducted by: S. Brown (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd 55 Ainsle St. North, 2 nd Floor, Cambridge, Ontario. N1R 3J6 (519) 740-7250 or 773-6830			
Position with Company: Consultant hired by licensee to complete compliance assessment.			

Signature of Licensee or Authorized Official: 
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FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 5531		

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)

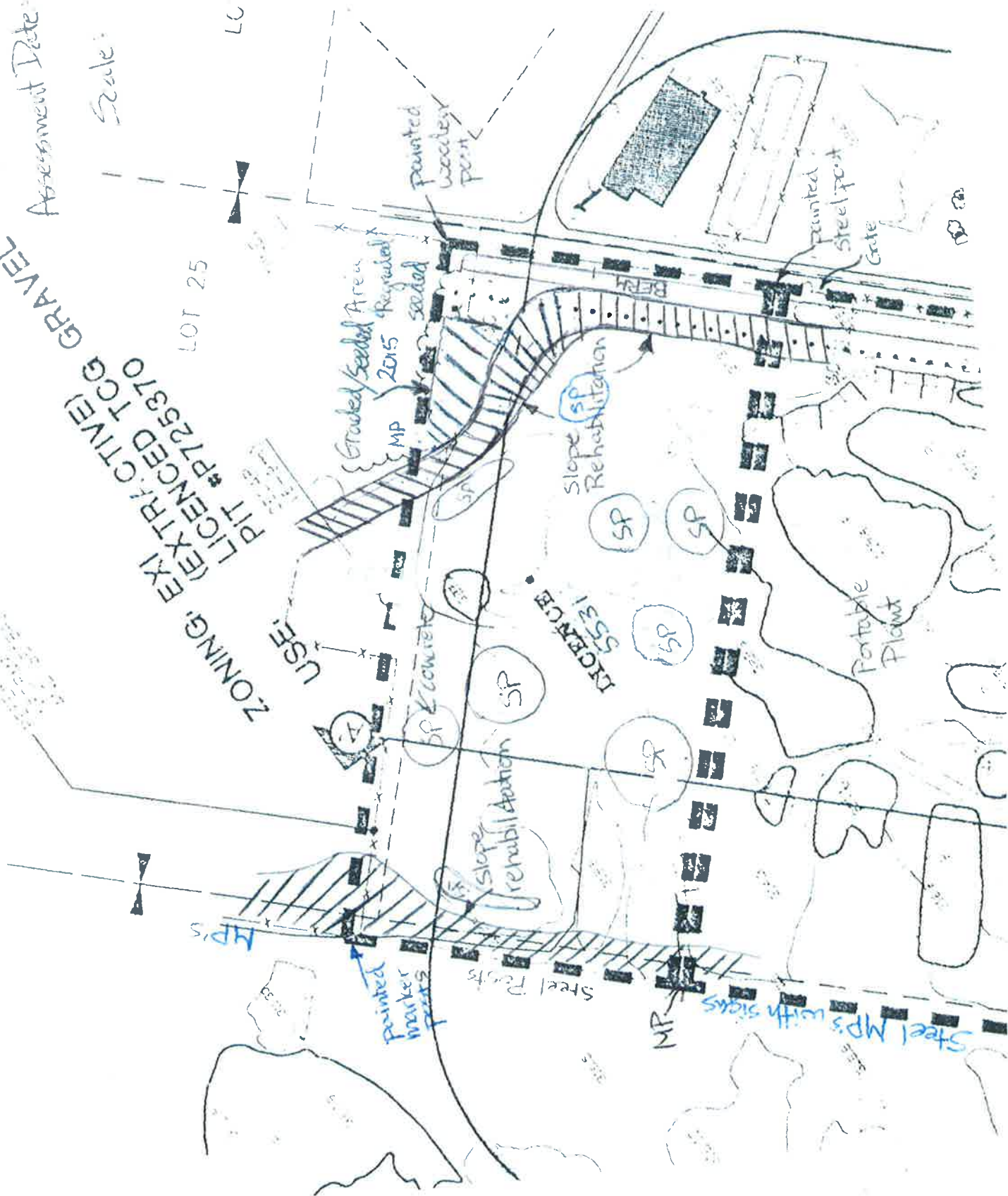
CBM Edgington 1
Licence # 5531

June 28, 2016

Assessment Date:

Scale: 1:3000

ZONING EXISTING (EXTRACTIVE) GRAVEL
LICENCED TCG
PIT # P725370



ZONING INT
USE
ZONING A
USE

Licensees Compliance Assessment Report - Aggregate Resources Act

McMillan

Background Information			Year: 2016
Licensee: St. Marys Cement Inc. (Canada)		Licence ID #: 5737 (McMillan pit)	MNR District/Area Office: Guelph
Lot: Part 22	Conc.: 1	Geographic Twp.: Puslinch	Municipality: Township of Puslinch

Observations					
OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					Y
A1	Boundaries (clearly marked)	X		Old boundaries are demarcated with fences, signs and/or painted marker posts (see B5). New south boundary demarcated at corners.	
A2	Entrance and Exits (location/closed)	X		Gates at the main entrance/exit along the north boundary are locked or can be closed and locked.	
A3	Lease/Ownership/Extraction Agreement: Lands are owned by licensee.				
B - Site Protection					
B4	Fencing	X		North boundary is fenced. Repairs completed in 2016 for section that has been cut a number of times along north boundary.	
B5	Fencing (site plan variation or temporary relief granted)	X		Fencing relief granted for the west and east boundaries (see note #8 in Phase A notes).	
B6	Screening (trees/berms)	X		Existing trees screen the pit from the adjacent land uses as shown on the site plans.	
B7	Setbacks (15m / 30m or other)	X		The setbacks are maintained as shown on the site plans.	
C - Operational Details					
C8	Operating Sequence	X		Extraction has been completed, except setbacks adjacent to pond.	
C9	Stripping (overburden)	X		Stripped topsoil and overburden stored in berms and stockpiles on the site (see condition #5 on Schedule A), were used for rehabilitation of slopes.	
C10	Overburden Seeded	X		Stockpiles used for rehabilitation of site (see page 2, note #9 on site plans).	
C11	Extraction Depth	X		Maximum depth allowed – 293 m asl Lowest floor elevation +/- 293 m	
C12	Buildings/Scales (location)	X		There are no buildings in the licensed area as shown on the site plan, except storage for fishery.	
C13	Equipment (any specific conditions or restrictions)	X		There is no pit equipment operating on site (see page 2, note #1 under operations).	
C14	Plant (location/any specific conditions or restrictions)	X		No plant currently located on the site (see page 2, note #2 under operations).	
C15	Scrap (location/removal)	X		Minimal scrap on-site.	
C16	Stockpiles (location)	X		There are no remaining stockpiles on site (see page 2, note #3 under operations).	
C17	Topsoil (location/seeded)	X		Surplus topsoil was stored in the vegetated berms and stockpiles on site and used for rehabilitation (see page 2, note #9).	
C18	Excavation Faces	X		All pit faces have been rehabilitated.	
C19	Ponds (location/depth)	X		There is a dug pond on the site (see sketch).	
C20	Internal Roads (any specific conditions or restrictions)	X		As shown on the site plans, with some modification as extraction is completed.	
C21	Haul Routes (external/any specific conditions or restrictions)	X		Materials were hauled east on Concession 2 Road to main Aberfoyle pit (see conditions #34 and #35 on Schedule A attached to licence).	
C22	Blast Monitoring Report (quarries only)		X	Licensed pit. No blasting to occur on site.	
C23	Dust Suppression	X		MOE approved dust suppressant (water) is applied on internal haul road, as required (see conditions #27-#29 on Schedule A attached to licence).	
C24	Hours of Operation (any specific conditions or restrictions)	X		See conditions #6 and #7 on Schedule A attached to the licence and page 2, note #11 under operations on site plans.	
C25	Well Monitoring Reports	X		See conditions #16-#26 on Schedule A attached to licence for groundwater monitoring program and page 2, note #10 under operations on site plans.	
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)	X		Required sign has been installed by the entrance/exit of the pit (A2 – Concession 2 Road) and is maintained.	
C27	Orderly Conditions	X		Site is orderly.	
C28	Blasting Hours (quarries only)		X	Licensed pit. No blasting on site.	

Note: Any ("No") requires completion of Page 3

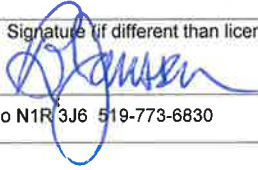
Observations (continued)

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					Y
D29 Disturbed Hectarage	X			Current year - # of hectares 0 Total # of hectares 0	
D30 Progressive rehabilitation	X			Current year - # of hectares 0 Total # of hectares +/- 5.9	
D31 Sloping of Faces	X			The shorelines were sloped and seeded along the north, east and west boundaries in 2004. All areas are vegetated in 2011.	
D32 Grades/Contours/Elevations	X			As shown on the site plan.	
D33 Importation of Material (inert)	X			Off-site materials have not been brought into the site for rehabilitation purposes.	
D34 Vegetation	X			The rehabilitated side slopes and pil floor are well vegetated. A variety of trees are naturally regenerating along the surrendered portion of the licence.	
D35 Final Rehabilitation	X			Extraction is completed. Progressive and final rehabilitation completed on site.	
E - Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports			X	See Schedule A attached to the licence. A technical report combining groundwater and natural environment monitoring has been submitted to MNR.	
E37 Requirements of C of A's			X	See condition #4 on Schedule A attached to licence.	
E38 Noise Mitigation			X	See noise control notes #1-#6 on page 2 of site plans and conditions #6-#15 on Schedule A attached to the licence. Annual report submitted to MNR, as required.	
E39 Fuel Storage Tanks			X	No fuel currently stored on site (see page 2, note #8 under operations on site plans).	
E40 Spills Plan			X	Corporate policy in place as part of EMS. See conditions #29 and #30 on Schedule A attached to the licence.	
E41 Permit to Take Water			X	Extraction permitted below the water table.	
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)			X	MOE approved dust suppressant to be applied to the internal roads, as required.	
F - Other Conditions (As indicated on either Site Plan or Licence)					
F43 Tonnage Condition	X			Class "A" licence – 1,000,000 tonnes annually (condition #2 on Schedule A).	
F44					
F45					
General Comments:					
MNR accepted surrender of the majority of the licence in 2010. Only the eastern 5.9 ha remain licensed.					
Site is inactive for extraction. Fish runs installed and operated at north end of the pond.					
Limnoterra monitoring reports of 2014 (post extraction) have been submitted to MNR and Township of Puslinch for their review showing that there have been no negative impacts to the groundwater or the adjacent tributaries of Mill Creek.					
Licence ID#: 5737					

Note: Any ("No") requires completion of Page 3

Date Submitted to MNR: Y / M / D	2016 /09/ 28	<i>Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.</i>
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to: (by September 30th)	County/Regional Municipality	Local Municipality	Ministry of Natural Resources
	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

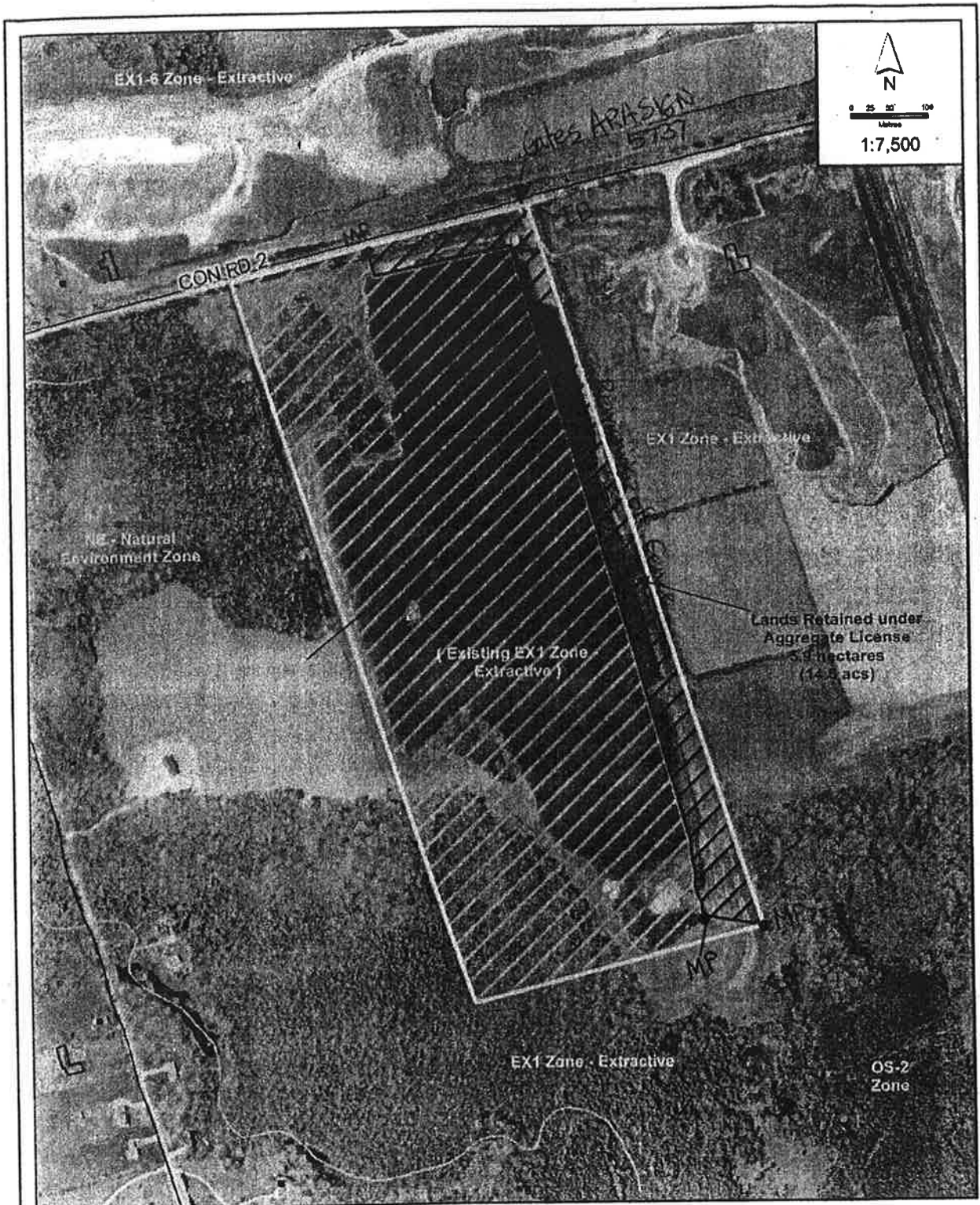
TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2016 / 06 / 21	Review Conducted by: B. Janssen (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd 55 Ainslie Street North, 2 nd Floor, Cambridge, Ontario N1R 3J6 519-773-6830			
Position with Company: Consultant hired by St Marys to complete compliance assessment.			

Signature of Licensee or Authorized Official: 
--

FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 5737		

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)



Source: Grand River Conservation Authority, 2006

CBM/ORNGE - Area of Temporary Lease Agreement

McMillan Pt 5737

Legend

- Drainage
 - Roads
 - Area Remaining under CBM Aggregate License
 - License Area to be Surrendered to ORNGE-JuMpSmart Program
- Con 1, Lot 22

Project Number: 049968
Date: September, 2007



Date: June 21/16

From: [Dennis Lever](#)
To: [Nina Lecic](#)
Cc: [Karen Landry](#)
Subject: Fw: Nestlé is Committed to Being Part of the Solution
Date: October-12-16 3:22:49 PM
Attachments: [Nestle - Fact Sheet \(Sept. 2016\).pdf](#)
[nestle waters canada - aberfoyle annual report summary.pdf](#)

From: Simard,Andreanne,GUELPH,NWNA-CA T&P Corp Natural Res Mgmt
<Andreanne.Simard@waters.nestle.com>
Sent: Wednesday, October 12, 2016 2:18 PM
To: Dennis Lever
Subject: Nestlé is Committed to Being Part of the Solution

Good afternoon,

The long-term sustainability of water and creating a fair and equitable process to manage the Permit to Take Water (PPTW) system are topics Nestlé Waters Canada shares with residents and government decision makers. We agree with recent comments made by Ontario's Premier, Kathleen Wynne, that we need to pay our fair share. We are keen to participate in a dialogue on this issue and welcome consultations with the Ministry of Finance and Ministry of Environment and Climate Change.

Much of the information being used in conversations around pricing and permitting as it relates to our company continues to be misleading, and does not capture Nestlé Waters' commitment to water stewardship. I wanted to provide you, as our valued stakeholder in the community, with some information:

- We all agree— we want to make sure that water and the use of water is sustainable. This approach to evidence-based decision making has been implemented in Aberfoyle over the last 15 years of our sustainable operations. In fact, we have an extensive monitoring program with over 80 points (as detailed in our attached Aberfoyle Summary Report) which not only inform us but is shared as critical information we share with the community.
- We are working diligently to ensure the Ministry of the Environment and Climate Change have the data and evidence required to move forward on Nestlé's Aberfoyle permit renewal. In the meantime, the current permit to take water remains active until the government makes their decision.
- Currently, only 5% of permitted users pay 100% of the cost. As conversations continue on permitting and pricing, we believe it is important to look at **all** water users in Ontario to ensure the protection of the resource for future generations – and to fund the management of the system.
- In Ontario, Nestlé Canada has two active Permits to Take Water; Permit No. 1381-95ATPY for 3,600,000 litres/day in Aberfoyle and Permit No. 3716-8UZMCU for 1,113,000 litres/day in Erin. Totalling 4,713,000 million litres/day. Many news stories have overstated this amount by five times.

We also want to provide you with some additional context regarding Nestlé Waters' purchase of the Middlebrook Bottling Co. located in Elora.

- For the past eighteen months, Nestlé Waters Canada had a conditional offer to purchase the Middlebrook Bottling Co. site in place with the owner. An **anonymous** party made a counter-offer to purchase this property, and on August 12th under the terms of our original purchase agreement, we exercised our first right of refusal and purchased the property. We were **not** made aware the counter offer was from Centre Wellington until after we had purchased.
- We want to invest in the science to better understand the aquifer connected to the Middlebrook property. But we still await the decision on our pump test permit from the MOECC. It is an integral step because data and science drive our decision making. If testing and science proves the water is not sustainable or of good quality, Nestlé Waters Canada will evaluate other options for the property. This is the same approach we take to all our siting projects.

Attached to this email communication you will find two documents:

- 1) A two page fact sheet on Nestlé in Canada, which highlights the significant role Nestlé Waters Canada and our **308 employees** play in Guelph and the surrounding community.
- 2) Our 2015 Aberfoyle Summary Report, which provides an overview of the data collection that takes place at this facility.

I would welcome the opportunity to speak with you and discuss any of the information detailed in this communication or if you would like to receive more information. I am always available by email (Andreanne.Simard@waters.nestle.com) or phone (519-767-6422) if you have any further questions.

Thank you for your consideration.

Andreanne Simard

Andreanne Simard, Ph.D.

Natural Resource Manager

Nestle Waters Canada

101 Brock Rd S

Guelph, ON N1H 6H9

P: (519) 767-6422 / C: (519) 803-9704 / F: (519) 763-8156

Andreanne.Simard@waters.nestle.com

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NESTLÉ IN CANADA



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LONG-TERM SUSTAINABILITY



OVER 1,000,000 BOTTLES DONATED IN 2016

FOR MORE INFORMATION:

JENNIFER KERR, DIRECTOR, CORPORATE AFFAIRS, NESTLÉ WATERS CANADA
JENNIFER.KERR@WATERS.NESTLE.COM | 519-767-6441

5 PURE FACTS ABOUT NESTLÉ WATERS CANADA

1

Water sustainability is Nestlé Waters Canada's number one priority. In our over 15 years of operating sustainably in Wellington County, Nestlé has collected a solid body of third party scientific data on the local water resources. We monitor daily aquifer levels, spring flows, water quality and surface water levels to ensure long-term sustainability of the watershed and ecosystems for all users.

2

Nestlé Canada is committed to enhancing people's quality of life by promoting healthy hydration through our passion for water.

3

In Ontario, Nestlé Canada has two active Permits to Take Water (PTTW); one is for 3,600,000 litres/day in Aberfoyle and the other is for 1,113,000 litres/day in Erin, totalling 4.7 million litres/day.

4

Currently only 5% of all issued PTTWs in the province including bottled water companies, pay a \$3.71/million litre permit fee for water drawn. The remaining 95% of water takers pay no fee while pumping over 99% of the water in Ontario.

5

The bottled water industry in Canada uses just 0.6% of the PTTWs in the Grand River watershed and just 0.2% of permitted water in Canada.

FOR MORE INFORMATION:

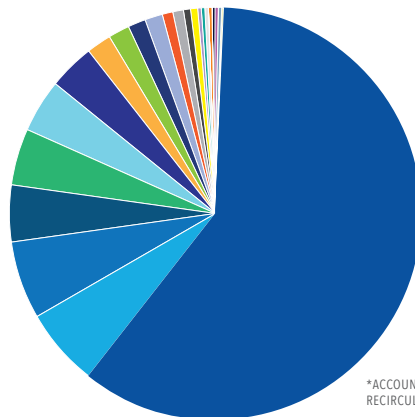
ANDREANNE SIMARD, NATURAL RESOURCE MANAGER
ANDREANNE.SIMARD@WATERS.NESTLE.COM | 519-767-6422

WATER USE SUMMARY

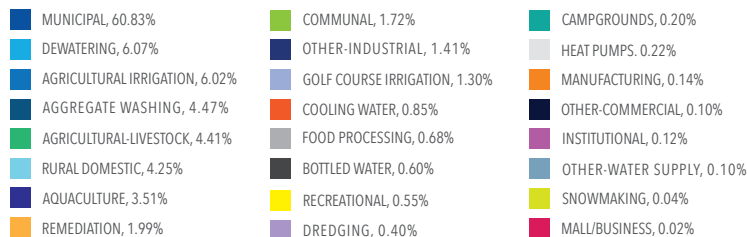
MAJOR WATER USERS IN THE GRAND RIVER WATERSHED
ANNUAL TOTAL: 152 MM³/YEAR



The Healthy Hydration Company™



*ACCOUNTS FOR RECIRCULATION



SOURCE:
[HTTPS://WWW.GRANDRIVER.CA/EN/OUR-WATERSHED/RESOURCES/DOCUMENTS/WMP/WATER_WMP_REPORT_WATERUSE.PDF](https://www.grandriver.ca/en/our-watershed/resources/documents/wmp/water_wmp_report_wateruse.pdf)

PRINTED ON RECYCLED PAPER

Aberfoyle Permit to Take Water Renewal Summary

2015

Nestlé Waters Canada
Aberfoyle Site



Aberfoyle Overview

Nestlé Waters Canada is a proud community partner, environmental steward and employer in Wellington County. Nestlé Waters Canada bottles water from well TW3-80 at the Aberfoyle facility in Puslinch, near the City of Guelph, in southern Ontario (*Figure 1*). Operating in Aberfoyle for 15 years, water supply sustainability has always been critical. Keeping the aquifers healthy is not only the right thing to do for the environment and community, but essential to our business.

The water taking is governed by a Permit to Take Water (PTTW) issued by the Ontario Ministry of the Environment and Climate Change (MOECC) which allows the company to withdraw up to 2,500 liters a minute. The current permit will expire on July 31, 2016. Nestlé Waters Canada submitted a permit renewal application for well TW3-80 to the MOECC on April 11, 2016. The application seeks the same withdrawal limits as the current permit for a period of ten years, through 2026.



Figure 1. Nestlé Property in Puslinch

March 2015 Annual Monitoring Report

Supply Well TW3-80

An aquifer is a highly permeable rock or sand formation that stores and transmits significant quantities of water. An aquitard is an impermeable rock or clay formation that impedes the movement of groundwater.

In the Aberfoyle area, groundwater is typically derived from two bedrock aquifers, separated by an aquitard. The Guelph aquifer consists of the shallowest bedrock and supplies water to numerous residences. Nestlé Waters Canada’s well TW3-80 withdraws water from a lower aquifer, the Amabel aquifer. A steel casing lines most of well TW3-80, such that water only enters the well from the Amabel aquifer, between 28.4 and 31.1 metres below ground. The Guelph and Amabel aquifers are separated by the Eramosa aquitard, which resists the flow of water between the two aquifers.

TW3-80 Permit

Nestlé Waters Canada is permitted to take water from TW3-80 at a rate of up to 2,500 liters per minute, or a maximum of 3,600,000 liters a day. In 2015, Nestlé Waters withdrew 58% of the permitted volume for the year. In 2015, the most water the company withdrew in a single day was 86% of the permitted limit. This occurred during peak bottling season. The annual volumes of water taken from 2001 to 2015 are shown on *Figure 2*. The volume of water withdrawn from TW3-80 in 2015 was close to the average of the last 14 years.

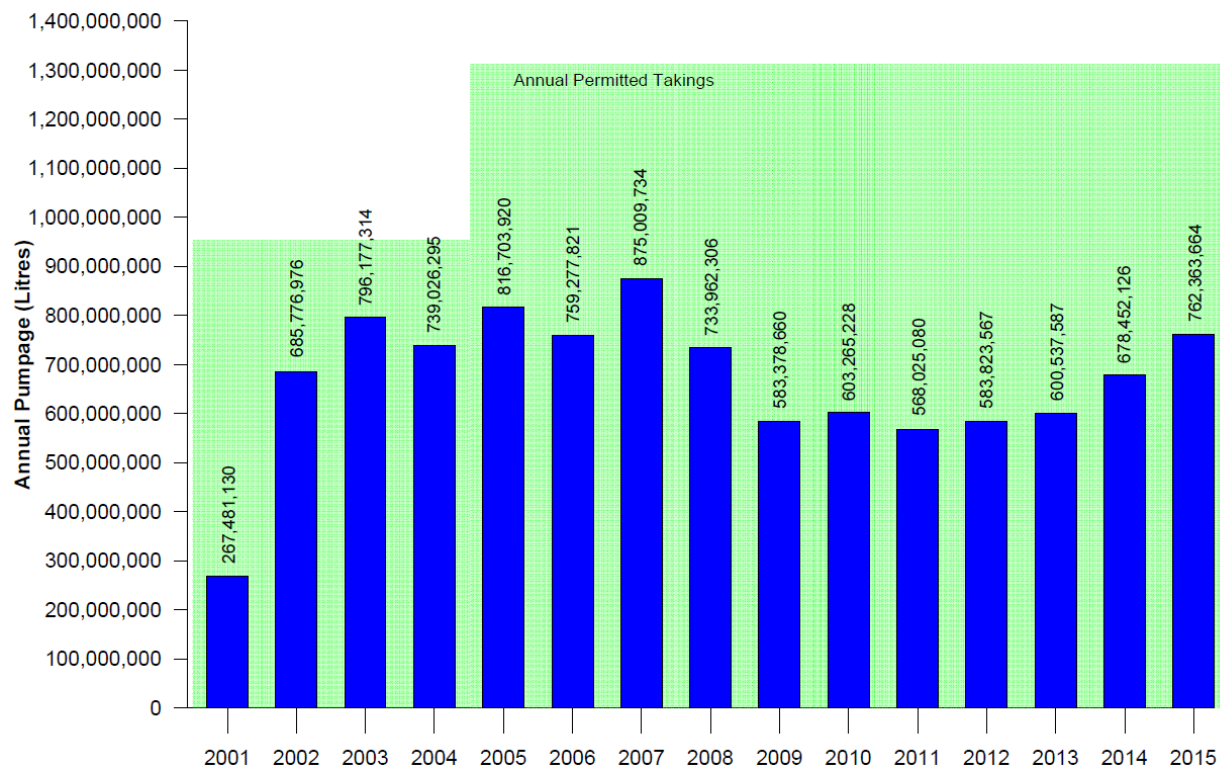


Figure 2. TW3-80 Annual Water Takings

Monitoring Overview

Nestlé Waters Canada has conducted extensive testing and studies over the years to ensure that operations do not diminish the availability of water for other users or the environment. Studies include:

- Five pumping tests to evaluate aquifer properties and predict effects of water withdrawals;
- Geophysical logging of wells to understand the bedrock aquifer;
- Real-time measurement of groundwater and surface water levels;
- Stream flow measurements in Aberfoyle Creek;
- Water quality sampling in the overburden and bedrock aquifers; and
- Ecological surveys of the wetlands and creeks.

Permit conditions require Nestlé Waters Canada to monitor the natural and pumping-related variations in groundwater and surface water levels, including at private wells belonging to local businesses and residences. Third-party contractors additionally evaluate wetland vegetation, species diversity, stream flow and stream temperature to ensure that the groundwater withdrawal does not affect the habitat of water-dependent ecology.

The tests demonstrate that there have been no long-term impacts to the sustainability of the aquifer or ecosystems resulting from 15 years of the company's Aberfoyle operations.

Site Monitoring

Nestlé Waters employs a full-time hydrogeologist and independent scientists are contracted by Nestlé Waters Canada to monitor the groundwater system, surface water features, wetlands and natural environment surrounding the Aberfoyle facility. Water extraction rates from TW3-80 are recorded by the company and reported to the MOECC. Monitoring efforts ensure that Nestlé Waters Canada's operations do not affect the long-term sustainability of the groundwater, surface water and natural environments.

The groundwater and surface water monitoring program consists of monitoring at 82 locations within two kilometers of TW3-80 each month. The program includes the following:

- TW3-80 and an unused production well (TW2-11);
- 16 monitoring well nests of between one and five wells each (a total of 38 wells) that are completed at various levels in deep bedrock, shallow bedrock and the overburden;
- Seven surface water stations to measure stream levels;
- Nine mini-piezometer nests (a total of 18 piezometers) to measure shallow groundwater levels;
- Six temperature stations to measure changes in stream temperature; and
- Eleven private wells.

The ecological monitoring consists of:

- Fish and fish habitat monitoring;
- Water temperature monitoring;
- Vegetation monitoring; and
- Wildlife monitoring.

Monitoring Results

Groundwater monitoring documents that water levels in the aquifer vary with respect to precipitation, which recharges the aquifer; and pumping by Nestlé Waters Canada. Variations in precipitation result in long-term, year-over-year changes in water levels. The company's pumping results in short-term water level changes which decrease with distance from the supply well.

The resulting water levels throughout the aquifer reflect both natural seasonal variations in precipitation, and variations in the company's pumping. *Figure 3* (see next page) illustrates groundwater conditions on the company's property. Water levels (middle graph) are generally lowest each year during the summer months, when daily pumping (top graph) approaches 1,500 to 2,000 liters per day. However, water levels remained relatively high during 2011 and 2013, when precipitation was significantly higher than average.

Water levels declined in 2012 and then increased in 2013 and declined again in 2015, a trend that is seen in aquifers across Ontario as wells responded to drier periods of lower precipitation. The years of 2012 and 2015 were periods of below normal precipitation. For example there was about 27% less precipitation recorded in 2012 and 2015 compared to 2013 and the water levels reflect this.

The water levels in the Guelph aquifer and Overburden are similar at this location. Water levels in 2015 are within the range of water levels observed in the past.

Overall, the trend of water level variation in the production aquifer is stable and the groundwater taking from TW3-80 has not caused a long-term declining trend in the aquifer water level. Unacceptable impacts to the upper Bedrock and Overburden aquifers have not been identified.

Summary

Nestlé Waters Canada takes its environmental stewardship responsibilities seriously and is committed to sustainable management of natural resources. The data collected in the 246 page 2015 Annual Report demonstrates that the company's Aberfoyle water withdrawal activity has not resulted in impacts to the long-term sustainability of the groundwater, surface water, wetlands or other natural resources.

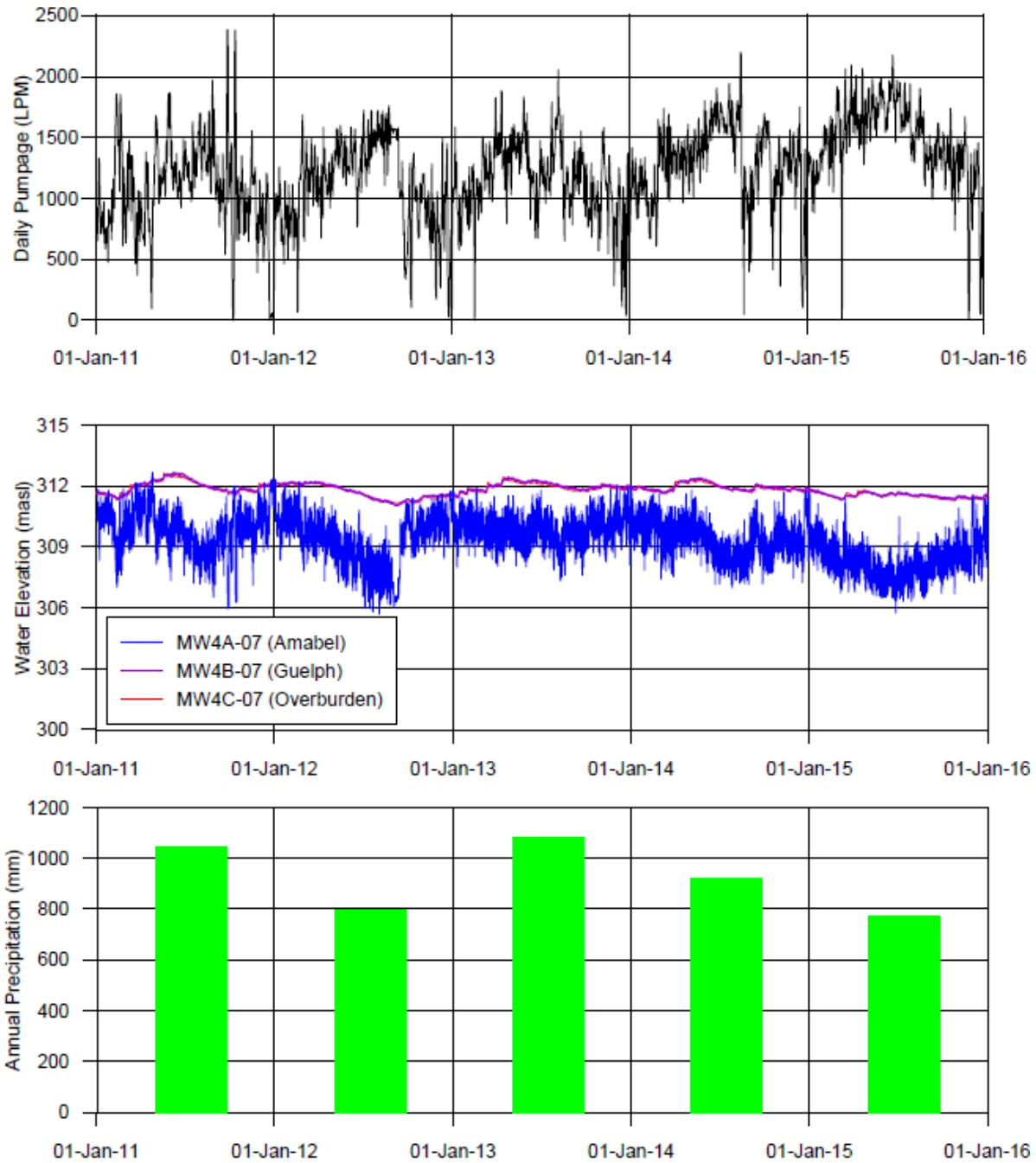


Figure 3. Hydrograph of Monitoring Wells 750 m Northwest of TW3-80



October 6, 2016

Dear Friends,

Re: Introduction of Legislation to Amend the *Aggregate Resources Act*

I am writing to inform you of the introduction of a bill to amend the *Aggregate Resources Act* in the Ontario legislature on October 6, 2016. The proposed bill is the foundation of our plan to modernize and strengthen Ontario's framework for managing aggregate resources.

In fall 2015, the Ministry of Natural Resources and Forestry, through an Environmental Registry posting, consulted on proposed changes through a document called 'A Blueprint for Change: a proposal to modernize and strengthen the Aggregate Resources Act policy framework'.

The proposals described in the Blueprint were developed in consideration of the recommendations from the Standing Committee and input from fall 2014 discussions with stakeholders, Indigenous communities and organizations. The comments and the recommendations received were considered in the development of this proposed Bill. This information will also be considered in the development of future changes to regulations and policy.

The proposed bill is the first step in a phased process that will modernize and strengthen the way aggregate operations are managed in Ontario. Should the bill pass, Ontario would move forward with public consultations on any future proposed regulatory and policy changes under the revised act, including future proposals related to changes to fees and royalties.

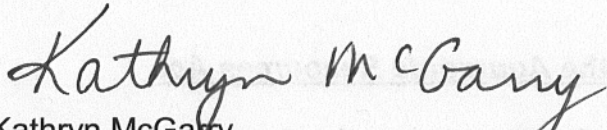
The changes proposed to the legislation provide the framework for stronger oversight in the management of aggregate operations, increased and equalized fees and royalties, enhanced environmental accountability, and improved information on operations and enhanced public participation.

The bill to amend the *Aggregate Resources Act* is available on the Legislative Assembly of Ontario website (www.ontla.on.ca) and has also been posted on the Environmental Registry (www.ontario.ca/environmentalregistry, posting number 012-8443) for public consultation for a period of 60 days ending on December 5, 2016. We welcome feedback on the legislative changes proposed. Alternatively, written comments can be sent to ARAreview@ontario.ca.

If you have any questions about the introduction of the bill, please contact Pauline Desroches, Manager, Resource Development Section, at 705-755-2140 or Pauline.Desroches@ontario.ca.

Thank you for your ongoing support in this initiative. I look forward to hearing your thoughts.

Best,



Kathryn McGarry
Minister of Natural Resources and Forestry



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Act Proposal Notice:

Title:

Schedule 1 of Bill 39 - Aggregate Resources and Mining Modernization Act, 2016

EBR Registry Number:

012-8443

Ministry:

Ministry of Natural Resources and Forestry

Date Proposal loaded to the Registry:

October 06, 2016

Keyword(s): Compliance | Land | Aggregates | Legislation

Comment Period: 60 days: submissions may be made between October 06, 2016 and December 05, 2016.

Description of Act:

The government is introducing a bill to amend both the Aggregate Resources Act and the Mining Act in tandem. The bill is part of the government's goal of continuing to build a competitive business environment in Ontario using approaches that balance the province's social, economic and environmental interests. This posting outlines the proposed changes to the Aggregate Resources Act (Schedule 1 of the proposed bill). The proposed changes to the Mining Act (Schedule 2 of the proposed bill), were originally introduced as Bill 155 and proposals were posted in 2014. The comment period has closed, but for information purposes, see www.ebr.gov.on.ca, ER postings 012-0575 and 012-2993.

If passed, the proposed amendments would be the first step to modernizing and strengthening the way that aggregate resources are managed in Ontario by enabling stronger oversight, enhancing environmental accountability, improving information and participation and increasing fees and royalties.

In 2013, the Standing Committee on General Government released a report outlining recommendations for improving the Aggregate Resources Act and its policy framework. The government responded to these recommendations in a subsequent report and carried out a series of engagement sessions with stakeholders and Indigenous communities in 2014. Feedback received during these sessions was used to develop proposals that would modernize and strengthen the Aggregate Resources Act and its associated policy framework. The province consulted on these proposals in fall 2015, through a document titled, A Blueprint for Change.

Key highlights of the proposed changes to Legislation include:

General

- Authorizing the Minister to develop regulations to require licensees and permittees to submit information related to their operation, and to conduct and submit reports on inventories, tests, surveys and studies related to the operation;
- Standardizing annual tonnage limits for all existing licences and permits, and including all aggregate and recycled aggregate leaving the site in those limits;

Contact:

All comments on this proposal must be directed to:

Hal Leadlay
Coordinator
Ministry of Natural Resources and Forestry
Policy Division
Natural Resources
Conservation Policy Branch
Resource Development
Section
300 Water Street
Peterborough Ontario
K9J 8M5
Phone: (705) 755-1827

To submit a comment online, click the submit button below:

[Submit Comment](#) (opens in new window)

- Standardizing and enhancing the provisions for amending site plans and licence or permit conditions across licences, wayside permits and aggregate permits, and enabling regulations to be made allowing licensees and permittees to self-file minor site plan amendments in circumstances that would be set in regulation;
- Recognizing that the Minister must consider whether adequate consultation with Aboriginal communities has been carried out before exercising powers under the Act with respect to licenses or permits;
- Allowing the Minister to add conditions to existing sites, without tribunal hearings, to implement a source protection plan under the Clean Water Act;
- Enhancing powers related to the transfer and revocation of permits and licences;
- Enhancing authority with respect to the management of the Aggregate Resources Trust;
- Creating the authority to make regulations requiring peer review of technical studies and to require the applicant, licensee or permittee to cover the cost of those reviews;
- Clarifying and enhancing the provisions that allow regulations to be made requiring record keeping and reporting on aggregate operations; and
- Allowing self-compliance reporting to be required more or less frequently than once per year as prescribed by regulation.

New operations

- Allowing custom plans to be developed that outline study and consultation requirements in some site specific situations;
- Clarifying that impacts to municipal drinking water sources be considered when making decisions for new licences and wayside permits;
- Allowing the Minister to designate areas of Crown land, Crown aggregate or Crown topsoil where an aggregate permit will not be issued or where it will only be available for a specific purpose or person;
- Expanding the ability to require permits for the removal of stockpiled Crown aggregate or topsoil by describing specific criteria in regulation;
- Creating flexibility for the Minister to waive application requirements in order to address unique situations;
- Authorizing the creation of regulations to exempt specific activities from licencing or permitting requirements if specific conditions are met; and
- Establishing the application documentation requirements for grandfathering applications that are currently described in policy within the legislation.

Enforcement

- Increasing the maximum penalties to \$1,000,000 plus an additional \$100,000 for each day the offence continues, and eliminating the minimum \$500 fine to support the ability to enforce the Act by way of Part I tickets under the Provincial Offences Act;
- Establishing clear offense provisions for submitting false or misleading information in a report or in information that is required under the Act, the regulations, a site plan or a licence or permit;

- Protecting the inspectors, public servants, and the Minister from liability for any acts that they have done in good faith under the Act; and
- Recognizing the inspection report that is currently used to document the findings of an inspection.

Fees and royalties

- Increasing flexibility with respect to the collection and distribution of fees and royalties;
- Requiring existing fees for applications, amendments, transfers, etc. to be established in regulation;
- Enabling setting of new fees in regulation for a broader array of requests (e.g., requests for amendments, acceptance of surrender);
- Clarifying that aggregate permits with a mining lease are subject to royalty charges (unless they have been exempted); and
- Creating flexibility for the Minister to waive certain fees.

Other changes have been proposed to improve the administration of the legislation and address housekeeping edits. For example:

- Clarifying that licensees and permittees are only protected from prosecution on self-reported violations if they are reported before they are discovered by an Inspector;
- Allowing the Minister to substitute a licence for a permit issued to the same person where a different approval type is required because there has been a change in land ownership or designation under s. 5;
- Allowing the Minister to specify when the ministry will require official party status at an Ontario Municipal Board hearing, and allowing the Board to send referrals back to the ministry where objections have been resolved before a hearing starts;
- Clarifying that the name and address of individuals who participate in the prescribed notification and consultation procedures are a part of the public record unless the individual requests that the information remain confidential; and
- Repealing sections and definitions that are no longer required.

In addition several specific definitions and requirements for applications, amendments and reporting are proposed to be moved to the regulations.

The information above includes key highlights of the proposed changes within the bill. All of the changes in the bill can be viewed on the Ontario Legislative Assembly website at the links provided in the bottom of this notice.

Many of the proposed legislative changes are enabling in nature and will require amendments to regulations under the Act, or the Aggregate Resources of Ontario Provincial Standards in order to implement them. Other changes, which are identified in Schedule 1, subsection 54(2) of the proposed bill, would only come into force at a later date (to be proclaimed by the Lieutenant Governor).

Should the bill pass, the ministry will move forward with public consultations on future proposed regulatory and policy changes under the revised Act.

Purpose of Act:

The purpose of Schedule 1 of the proposed amending Bill is to modernize and strengthen the Aggregate Resources Act to allow for stronger oversight, to

enhance environmental accountability, to improve information and participation in the process, and to increase and equalize fees and royalties.

Other Information:

In Fall 2015, A Blueprint for Change: A proposal to modernize and strengthen the Aggregate Resources Act policy framework was posted to the Environmental Registry. The document outlined a series of proposed changes to modernize and strengthen the Aggregate Resources Act policy framework. See www.ebr.gov.on.ca, ER posting number 012-5444 for more information.

Public Consultation:

This proposal has been posted for a 60 day public review and comment period starting October 06, 2016. If you have any questions, or would like to submit your comments, please do so by December 05, 2016 to the individual listed under "Contact". Additionally, you may submit your comments on-line.

All comments received prior to December 05, 2016 will be considered as part of the decision-making process by the Ministry if they are submitted in writing or electronically using the form provided in this notice and reference EBR Registry number 012-8443.

Please Note: All comments and submissions received will become part of the public record. Comments received as part of the public participation process for this proposal will be considered by the decision maker for this proposal.

Your personal information may be used in the decision making process on this proposal and it may be used to contact you if clarification of your comment is required. It may be shared (along with your comment) with other Ontario Ministries for use in the decision making process. Questions about this collection should be directed to the contact mentioned on the Proposal Notice page.

Other Public Consultation Opportunities:

A copy of the proposed legislation is available on the website identified at the bottom of this Notice.

Comments should be directed to the following Contact Person: Hal Leadlay, Coordinator - Resource Development Section

All comments will be considered a part of the decision-making by the Ministry if they:

- a. Are submitted in writing
- b. Reference the EBR Registry number, and
- c. Are received by the Contact person within the specified comment period.

In addition to this EBR posting, comments can be submitted electronically to: ARAreview@ontario.ca

Please Note: No acknowledgement or individual response will be provided to those who comment. All comments and submissions received will become part of the public record.

Legislation Assembly of Ontario website (for proposed act): http://www.ontla.on.ca/web/bills/bills_detail.do?locale=en&Intranet=&BillID=4213

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GRCA General Membership

Chair	Helen Jowett
Vice-Chair	Chris White
Townships of Amaranth, East Garafraxa, Melancthon and Southgate and Town of Grand Valley	Guy Gardhouse
Townships of Mapleton and Wellington North	Pat Salter
Township of Centre Wellington	Kelly Linton
Town of Erin, Townships of Guelph/Eramosa and Puslinch	Chris White
City of Guelph	Bob Bell, Mike Salisbury
Region of Waterloo	Les Armstrong, Elizabeth Clarke, Sue Foxton, Helen Jowett, Geoff Lorentz, Jane Mitchell, Joe Nowak, Wayne Roth, Sandy Shantz, Warren Stauch
Municipality of North Perth and Township of Perth East	George Wicke
Halton Region	Cindy Lunau
City of Hamilton	George Stojanovic
Oxford County	Bruce Banbury
County of Brant	Brian Coleman, Shirley Simons
City of Brantford	Dave Neumann, Vic Prendergast
Haldimand and Norfolk Counties	Bernie Corbett, Fred Morison



Seeking comments on updated mapping

The GRCA recently completed a project to update watercourse mapping throughout the Grand River watershed and has been seeking public comments on these changes.

Members of the public were invited to provide comments at sessions on Sept. 27 in Fergus, Sept. 28 in Paris and Sept. 29 in Cambridge. Online comments are being accepted until 4 p.m. on Friday, Oct. 7 at www.grandriver.ca/mapreview.

The GRCA helps to protect natural areas and watercourses such as rivers, streams, flood plains, wetlands, steep slopes and the Lake Erie shoreline by regulating construction, grading, alteration and development activities in and near those areas. This is done through Ontario Regulation 150/06 under the Conservation Authorities Act. With more recent information now available, the GRCA is proposing amendments to the mapping that is currently used by the public for Ontario Regulation 150/06.

The proposed changes to the mapping won't affect the area that is currently regulated. However, they will more clearly show the regulated areas on the mapping, making it easier to visually identify these areas.

The updated watercourse mapping will be available to all external users for download once this review is complete.

Level 2 still in effect

The entire Grand River watershed remains in the Level 2 low water condition that was first declared on Aug. 9 by the Grand River Low Water Response Team.

Rainfall across the watershed since Aug. 9 has been sufficient to maintain water levels. Recovery of the watershed to normal conditions is a slow process, and stream flow has been returning to low conditions in between the rain events.

The Grand River Low Water Response Team will continue to monitor conditions and will remove the low water status when the watershed

recovers to normal conditions.

Water and wastewater treatment contract

The GRCA has hired R.J. Burnside and Associates to provide consulting engineering services related to water and wastewater treatment for three years.

The GRCA provides water and wastewater services to 11 conservation areas, Luther Marsh Wildlife Management Area and five nature centres. Some of these sites are serviced by a direct connection to municipal services, while others have onsite systems.

The contract includes an option to extend these services for two more years at the discretion of the GRCA.

Wetland violation resolved

The GRCA planning department worked with Brant County landowners who created a secondary access road in a wetland in 2015.

Following unsuccessful attempts by staff to resolve the violation, the landowners were charged under Section 28 of the Conservation Authorities Act for development in a wetland without a GRCA permit.

However, the roadway has recently been removed and the wetland restoration has been completed to the satisfaction of GRCA. The charges have also been withdrawn.

Environmental summer camps were popular

The GRCA's summer camp programs were popular this summer.

The GRCA offered 36 weeks of camp programming at five locations. In total, 1,430 campers attended programs and filled 90 per cent of the available camp spaces. Camp program also provided summer employment for 19 summer

students.

School programming got underway at all of the nature centres in early September and plans are underway for camps for kids during the winter break and March break.

Water managers and planners meet

The annual joint meeting of the water managers and planning managers from across the Grand River watershed was held Sept. 14 as part of the Grand River Water Management Plan implementation.

Over 35 people attended from various municipalities and government agencies. They discussed growth and development pressures in the context of the coordinated review of the four provincial land use plans. The implementation of the Water Management Plan was highlighted along with land use planning and actions taken to integrate water management into the natural heritage strategy and municipal official plans.

Growth and development pressures continue in the watershed, especially in the headwater region where the rivers have a limited capacity to receive more wastewater effluent. A broader subwatershed planning approach to wastewater treatment and river assimilation may result in new opportunities that can save significant capital infrastructure spending.

Traditional winter on the way

A traditional winter is in the forecast for the Grand River watershed.

Above-average temperatures are predicted by Environment Canada for the fall, with precipitation expected to be near normal. However, the water temperature of the Great Lakes is high, which means more lake-effect snow is likely to fall from the sky this winter.

The first half of September was drier than August with only one storm, and most of the rain fell in the northern portion of the watershed.

Water levels in Shand and Guelph reservoirs are below the normal operating range, Conestogo Dam is at the lower end of the normal range, and Luther is within its normal operating range for this time of year. Higher precipitation over the past month has



Happy fall! This photo was taken at Shade's Mills Park and submitted to the 2014 GRCA photo contest by Sarah Gray. The 2016 GRCA photo contest has been underway for several months and ends Oct. 28.

alleviated some of the pressure on the reservoirs for flow augmentation and reduced evaporative losses, but inflows to the reservoirs remain low.

River augmentation was high throughout the summer and continued to be significant into September. Augmentation accounted for approximately 75 per cent of the river flow through Kitchener, 35 per cent of the flow through Brantford and 50 per cent of the flow on the Speed River below Guelph.

months and has several steps before the final budget goes to the GRCA board in February. The GRCA will begin making budget presentations to the municipal councils starting in October.

A final GRCA budget will go to the GRCA board in February.

Budget process for 2017 is already underway

The GRCA board was presented with the first draft of the 2017 GRCA budget at the September meeting.

It includes \$29.4 million in expenditures and more special funding will be added before the budget is finalized.

The general municipal levy is budgeted to increase by \$266,000, or 2.5 per cent.

The draft budget outlines revenue and expenses for current GRCA programs. These are funded by the municipal general levy, other municipal funding by special agreements, provincial and federal grants, self-generated revenue and funding from GRCA reserves.

The GRCA's budget process takes several

This issue of *GRCA Current* was published in October, 2016.

It is a summary of the September 2016 business conducted by the Grand River Conservation Authority board and committees, as well as other noteworthy happenings and topics of interest.

The Grand River Conservation Authority welcomes distribution, photocopying and forwarding of *GRCA Current*.

Next board meeting:
October 28 at 9:30 a.m.,
GRCA Administration Centre

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View coming events:
www.grandriver.ca/events

From: [Hon. Bill Mauro](#)
To: [Admin](#)
Subject: A Message from Minister Mauro - Message du ministre Mauro
Date: October-11-16 1:11:13 PM

Dear: Heads of Council

RE: The Municipal Elections Modernization Act, 2016

As you may already be aware, the *Municipal Elections Modernization Act, 2016* received Royal Assent on June 9, 2016. The *Municipal Elections Modernization Act, 2016* makes a number of changes to the *Municipal Elections Act, 1996*. These changes aim to ensure that the rules governing how municipal leaders are elected are clear and reflect how to run modern campaigns and elections.

The *Municipal Elections Act, 1996*, as amended, provides support for fair and modern elections by:

- providing municipalities with the option to use ranked ballots in municipal elections starting with the regular election in 2018;
- creating a framework to regulate third party advertising, including contribution and spending limits, starting in the 2018 regular election;
- prohibiting contributions to municipal candidates from corporations and trade unions;
- updating campaign finance rules; and
- shortening the campaign period.

For municipalities that are considering ranked ballots, the Government of Ontario has now made O.Reg 310/16 under the *Municipal Elections Act, 1996*, to authorize ranked ballot elections in Ontario. Effective September 16, 2016, this new regulation sets out provisions for:

- how to count votes;
- how to break a tie;
- rules for interpreting rankings and ballot “errors”;
- reporting requirements for official results; and
- how to conduct recounts.

The Ministry of Municipal Affairs reviews the *Municipal Elections Act, 1996* after each Ontario municipal election to determine if it continues to meet the needs of Ontario communities. The amendments are a result of the review conducted following the 2014 municipal election, including a province-wide consultation that ran from May to July 2015.

For a copy of the *Municipal Elections Modernization Act, 2016*, please visit the Legislative Assembly of Ontario website: www.ontla.on.ca/

To view the regulation on ranked ballot elections, please visit:
www.ontario.ca/laws/regulation/160310.

Please visit the municipal elections page of the Ministry of Municipal Affairs website for further updates: www.mah.gov.on.ca/Page219.aspx.

If you have questions about the changes to the *Municipal Elections Act, 1996*, please contact:
mea.info@ontario.ca.

Thank you for being a part of the discussion and for sharing your feedback with us at each stage of the process. Please accept my best wishes.

Sincerely,

Bill Mauro

Minister

Aux présidentes et présidents des conseils

OBJET : *Loi de 2016 sur la modernisation des élections municipales*

Comme vous le savez peut-être déjà, la *Loi de 2016 sur la modernisation des élections municipales* a reçu la sanction royale le 9 juin 2016. Cette loi modifie la *Loi de 1996 sur les élections municipales*. Les changements apportés visent à ce que les règles qui régissent comment les dirigeants municipaux sont élus soient claires et correspondent à la façon dont les campagnes et élections modernes devraient se dérouler.

La *Loi de 1996 sur les élections municipales*, telle qu'elle a été modifiée, facilite la tenue d'élections équitables et modernes :

- elle prévoit que les municipalités pourront utiliser le scrutin préférentiel lors des élections municipales à compter de l'élection ordinaire de 2018;
- elle établit un cadre régissant la publicité faite par des tiers, y compris des restrictions en matière de contributions et de dépenses, à compter de l'élection ordinaire de 2018;
- elle interdit aux personnes morales et aux syndicats de faire des contributions en faveur de candidats et candidates à une élection municipale;
- elle modernise les règles sur le financement des campagnes électorales;
- elle raccourcit la période de campagne électorale.

À l'intention des municipalités qui envisagent d'utiliser le scrutin préférentiel, le gouvernement de l'Ontario a adopté le Règl. de l'Ont. 310/16 en vertu de la *Loi de 1996 sur les élections municipales* afin d'autoriser le scrutin préférentiel en Ontario. Ce nouveau règlement, qui prend effet à compter du 16 septembre 2016, établit ce qui suit :

- comment compter les bulletins de vote;
- comment rompre l'égalité des suffrages;
- comment interpréter les classements et les « erreurs » sur les bulletins de vote;
- les exigences relatives à la publication des résultats officiels de l'élection;
- comment procéder à un nouveau dépouillement.

Le ministère des Affaires municipales examine la Loi après chaque élection municipale en Ontario afin de déterminer si elle continue de répondre aux besoins des collectivités

ontariennes. Les modifications apportées sont le résultat de l'examen effectué après l'élection municipale de 2014 qui a notamment inclus une consultation menée à l'échelle provinciale de mai à juillet 2015.

Pour consulter la *Loi de 2016 sur la modernisation des élections municipales*, veuillez visiter le site Web l'Assemblée législative de l'Ontario à www.ontla.on.ca/web/home.do?locale=fr.

Pour consulter le règlement relatif au scrutin préférentiel, veuillez visiter le site Web à www.ontario.ca/fr/lois/reglement/160310.

Pour rester à jour, veuillez visiter la page du site Web du ministère des Affaires municipales portant sur les élections municipales à www.mah.gov.on.ca/Page2325.aspx.

Si vous avez des questions concernant les changements apportés à la *Loi de 1996 sur les élections municipales*, veuillez envoyer un courriel à mea.info@ontario.ca.

Je vous remercie d'avoir pris part à la discussion et d'avoir fait connaître votre avis à chacune des étapes du processus.

Je vous souhaite beaucoup de succès et vous prie d'agréer l'expression de mes sentiments les plus distingués.

Le ministre,

Bill Mauro

From: [Dennis Lever](#)
To: [Nina Lecic](#)
Cc: [Karen Landry](#)
Subject: FW: Municipal Fiscal Gap - AMO Needs Your Support
Date: October-06-16 5:56:15 PM
Attachments: [AMO Members LTR AP AMO Seeks Council Resolutions and Offers More What's Next Ontario Briefings 2016-10-06.pdf](#)

From: AMO Communications [<mailto:communicate@amo.on.ca>]
Sent: Thursday, October 06, 2016 5:14 PM
To: Dennis Lever
Subject: Municipal Fiscal Gap - AMO Needs Your Support

On behalf of the AMO Board, please find attached a letter from AMO President Lynn Dollin seeking your council's participation in two important ways:

- 1) by passing a council resolution in support of closing the municipal fiscal gap; and
- 2) by attending a *What's Next Ontario?* briefing near you.

PLEASE NOTE: AMO Breaking News will be broadcast to the member municipality's council, administrator, and clerk. Recipients of the AMO broadcasts are free to redistribute the AMO broadcasts to other municipal staff as required. We have decided to not add other staff to these broadcast lists in order to ensure accuracy and efficiency in the management of our various broadcast lists.

DISCLAIMER: Any documents attached are final versions. AMO assumes no responsibility for any discrepancies that may have been transmitted with this electronic version. The printed versions of the documents stand as the official record.

OPT-OUT: If you wish to opt-out of these email communications from AMO please click [here](#).



October 6, 2016

Dear Members:

AMO Seeks Council Resolution of Support and Offers More What's Next Ontario? Briefings

On behalf of the AMO Board, I am seeking your council's participation in two important ways:

- 1) by passing a council resolution in support of closing the municipal fiscal gap; and
- 2) by attending a *What's Next Ontario?* briefing near you.

AMO wants every council to be involved in the [What's Next Ontario?](#) project. There is a looming fiscal gap facing Ontario's municipalities. *What's Next Ontario?* is about recognizing the gap and seeking sector support for closing it. The response has been impressive, but there's more to be done!

Additional Briefings

We want to thank the hundreds of municipal elected officials who have already attended the 25 in-person meetings and webinars AMO hosted across the province in the spring and fall. Be assured that your input is being heard and will be considered by the AMO Board. If you have participated already, thank you.

Haven't participated yet? We are offering additional in-person briefings in October and November that are open to all municipal elected officials and senior municipal staff:

- **Timmins, Ontario** – Tuesday, October 11, 2016 from 1-3 pm
- **Dryden, Ontario** - Wednesday, October 19, 2016 1-3 pm
- **Markham, Ontario** – Friday, October 28, 2016 from 9-11 am
- **Hamilton, Ontario** – Friday, October 28, 2016 from 2-4 pm
- **Cornwall, Ontario** – Thursday, November 3, 2016 from 9-11 am
- **Tweed, Ontario** – Thursday, November 3, 2016 from 3-5 pm

Sign up is easy, and can be done [here](#) or contact Evelyn Armogan at 416-971-9856 ext. 326 or earmogan@amo.on.ca. Can't participate in person? Sign up for our remaining webinar on Wednesday, October 12th.

Resolution

We've boiled down the essence of the challenge we face in the next ten years to a one-page resolution. We urge every council in Ontario to consider, adopt the resolution, and reply to AMO by December 1, 2016.

What does it say? We know Ontarians see infrastructure as the number one challenge facing their community. We know that even if we raise property taxes and user fees by inflation (1.8%), we will still be \$3.6 billion short to fix the infrastructure gap, every year for ten years. This is what we need to address. As elected officials, how do we deal with this challenge? What is the best approach? Ontarians already pay the highest property taxes in the country. How high is too high?

We could finance this gap by increasing property taxes. It would require property tax revenue increases of 4.6% annually for 10 years, sector-wide. And, what happens if the federal or provincial governments pull back on future commitments? We know that could mean property tax revenue increases of up to 8.35% annually for 10 years, sector-wide. How might these numbers translate locally as an annual rate increase?

We've made good strides on infrastructure in the last few years, but there is no long-term plan to finance the future needs of municipal governments as well as the local infrastructure Ontarians care about. Let's start doing that, together. The attached resolution below is a starting point.

There are issues which unite all municipal governments, and this is one of them. Where do we want to go together? This is an opportunity for you and councils to own what's next. We urge you to add your council's voice to the conversation.

I have also written directly to your clerk and provided a copy of the resolution. Please give this resolution council's consideration. If you have questions, please contact Matthew Wilson, Senior Advisor, mwilson@amo.on.ca, 416-971-9856 ext. 323.

Yours sincerely,



Lynn Dollin
AMO President

P.S. Check out the What's Next Ontario? section of the [AMO website](#) for links to AMO conference videos including Nik Nanos and Bill Hughes, our two papers, and other material.

WHAT'S NEXT ONTARIO? RESOLUTION

WHEREAS recent polling, conducted on behalf of the Association of Municipalities of Ontario indicates 76% of Ontarians are concerned or somewhat concerned property taxes will not cover the cost of infrastructure while maintaining municipal services, and 90% agree maintaining safe infrastructure is an important priority for their communities;

AND WHEREAS infrastructure and transit are identified by Ontarians as the biggest problems facing their municipal government;

AND WHEREAS a ten-year projection (2016-2025) of municipal expenditures against inflationary property tax and user fee increases, shows there to be an unfunded average annual need of \$3.6 billion to fix local infrastructure and provide for municipal operating needs;

AND WHEREAS the \$3.6 billion average annual need would equate to annual increases of 4.6% (including inflation) to province-wide property tax revenue for the next ten years;

AND WHEREAS this gap calculation also presumes all existing and multi-year planned federal and provincial transfers to municipal governments are fulfilled;

AND WHEREAS if future federal and provincial transfers are unfulfilled beyond 2015 levels, it would require annual province-wide property tax revenue increases of up to 8.35% for ten years;

AND WHEREAS Ontarians already pay the highest property taxes in the country;

AND WHEREAS each municipal government in Ontario faces unique issues, the fiscal health and needs are a challenge which unites all municipal governments, regardless of size;

NOW THEREFORE BE IT RESOLVED that this Council supports the Association of Municipalities of Ontario in its work to close the fiscal gap; so that all municipalities can benefit from predictable and sustainable revenue, to finance the pressing infrastructure and municipal service needs faced by all municipal governments.

Please forward your resolution by December 1, 2016 to:
AMO President Lynn Dollin amopresident@amo.on.ca.

From: [Karen Landry](#)
To: [Nina Lecic](#)
Subject: FW: CH Coordinated Land Use Planning Review letter
Date: October-05-16 4:23:28 PM
Attachments: [Coordinated Land Use Planning Review letter from Conservation Halton.pdf](#)

From: Patricia Vickers [<mailto:pvickers@hrca.on.ca>]
Sent: Wednesday, October 05, 2016 2:00 PM
To: cindy.tan@ontario.ca; kim.peters@ontario.ca
Cc: Kathy Menyes; Barb Veale; 'Region Jane MacCaskill / CAO (jane.maccaskill@halton.ca)';
mike.zegarac@hamilton.ca; Karen Landry; scottw@wellington.ca; ray.green@oakville.ca;
'james.ridge@burlington.ca'; 'bill.mann@milton.ca'; 'brentm@haltonhills.ca';
david.szwarac@peelregion.ca; 'janice.baker@mississauga.ca'; 'jfarwell@grandriver.ca'; Martin-
Downs, Deborah; Firth Eagland, Chris (cfe@conservationhamilton.ca);
'kgavine@conservationontario.ca'; 'bdenney@trca.on.ca'
Subject: CH Coordinated Land Use Planning Review letter

Dear Ms Tan and Ms Peters:

Please find attached a copy of Conservation Halton's letter and Board report providing input to the Coordinated Land Use Planning Review. Should you have any questions or comments, please feel free to contact either Barbara Veale x 2273; bveale@hrca.on.ca or Kathy Menyes, x 2228; kmenyes@hrca.on.ca

Thank you and Regards,

Patricia Vickers
EA/FOI Coordinator
Conservation Halton
pvickers@hrca.on.ca
905.336.1158 x 2236



905.336.1158
Fax: 905.336.7014
2596 Britannia Road West
Burlington, Ontario L7P 0G3
conservationhalton.ca

Protecting the Natural
Environment from
Lake to Escarpment

September 30, 2016

Ms. Cindy Tan
Manager
Ministry of Municipal Affairs and Housing
Ontario Growth Secretariat
777 Bay Street
Toronto ON M5G 2E5

Ms. Kim Peters
Strategic Advisor
Ministry of Natural Resources and Forestry
Niagara Escarpment Commission - Georgetown Office
232 Guelph Street
Georgetown ON L7G 4B1

BY MAIL AND EMAIL

Dear Ms. Tan and Ms. Peters:

Re: Coordinated Land Use Planning Review
EBR Registry Number: 012-7194 – Growth Plan for the Greater
Golder Horseshoe, 2016
EBR Registry Number: 012-7195 – Proposed Greenbelt Plan, 2016
EBR Registry Number: 012-7228 – Amended Niagara Escarpment
Plan, 2016
Conservation Halton Comments

Thank you for the opportunity to provide input to the Coordinated Land Use Planning Review. Attached is Conservation Halton's (CH) Board report entitled, "Coordinated Provincial Plan Review, September 29, 2016", which serves as Conservation Halton's official response to the proposed documents. The attached report was endorsed by the CH Board of Directors on September 29, 2016 by Resolution 05 08. As such, I respectfully submit this report to the Province for consideration.

Conservation Halton was established in 1963 at the request of its member municipalities and with the support of the Province of Ontario. The watershed is 1,000 square kilometres and contains three main creek systems including Bronte Creek, Grindstone Creek and Sixteen Mile Creek and 21 urban creeks draining to Lake Ontario, 26 kilometres of Lake Ontario shoreline and 80 kilometres of Ontario's Niagara Escarpment. Conservation Halton owns, manages and protects 10,640 acres (4,300 hectares) of mostly natural lands, consisting of extensive forests, wetlands and river systems. Its conservation areas provide both active and passive recreational opportunities and also provide outdoor educational opportunities. Conservation Halton owns several dams, reservoirs and diversion channels that provide flood protection to watershed communities.

Conservation Halton's watershed is one of the fastest growing in Canada. The Growth Plan, Greenbelt Plan and Niagara Escarpment Plan relate specifically to the Conservation Halton watershed.

In its role as a regulator under the Conservation Authorities Act, Conservation Halton administers Ontario Regulation 162/06 and reviews planning applications to ensure that natural hazards do not pose a risk to watershed residents and the ecological and hydrological integrity of valley systems, wetlands and shorelines are maintained/restored.

Conservation Halton also participates in municipal plan review as:

- a public commenting body under the Planning Act
- a watershed resource management agency
- a landowner
- a provider of environmental expertise and advice on planning matters through various service agreements with watershed municipalities

Conservation Halton is encouraged by the many proposed changes to strengthen watershed, sub-watershed and environmental planning in advance of development. Recognizing that the watershed scale is most appropriate for dealing with cross municipal boundary natural resource issues (e.g., upstream/downstream impacts, cumulative impacts, floodplain management, infrastructure planning, climate change, etc.) the Plans complement the role of conservation authorities and encourage continued collaboration on matters that require joint decision making.

Conservation Halton would be pleased to assist the Province by providing expertise in the development of watershed planning guidelines, mapping and associated criteria and protocols, and other environmental matters as identified in the attached report.

Should you have any questions, please do not hesitate to contact either Barbara Veale at extension 2273 or Kathy Menyes, Director Watershed Management Services at extension 2228.

Yours sincerely,



Hassaan Basit,
CAO/Secretary-Treasurer

Cc Ms Jane MacCaskill, CAO, Region of Halton jane.maccaskill@halton.ca
Mr. Mike Zegarac, GM, City of Hamilton mike.zegarac@hamilton.ca
Ms Karen Landry, CAO, Township of Puslinch klandry@puslinch.ca
Mr. Scott Wilson, CAO, County of Wellington scottw@wellington.ca
Mr. Ray Green, CAO, Town of Oakville ray.green@oakville.ca
Mr. James Ridge, City Manager, City of Burlington james.ridge@burlington.ca
Mr. Bill Mann, CAO, Town of Milton bill.mann@milton.ca
Mr. Brent Marshall, CAO, Town of Halton Hills brentm@haltonhills.ca
Mr. David Szwarc, CAO, Region of Peel david.szwarc@peelregion.ca
Ms Janice Baker, City Manager, City of Mississauga
Janice.baker@mississauga.ca
Mr. Joe Farwell, CAO, Grand River Conservation Authority
jfarwell@grandriver.ca
Ms Deborah Martin-Downs, CAO, Credit Valley Conservation Authority
dmartin-downs@creditvalleyca.ca
Mr. Chris Firth-Eagland, CAO, Hamilton Conservation Authority
cfe@conservationhamilton.ca
Ms. Kim Gavine, General Manager, Conservation Ontario
kgavine@conservationontario.ca
Mr. Brian Denney, Toronto & Region Conservation Authority
bdenney@trca.on.ca

**CONSERVATION HALTON
CHBD 05 16 05**

REPORT TO: Board of Directors

FROM: Barbara Veale, Manager of Planning and Regulation Services
905-336-1158 x 2273

Nick Burnaby, Policy Planning Analyst
905-336-1158 x2245

DATE: September 29, 2016

SUBJECT: **Coordinated Provincial Plan Review**
CH File #: PPL 041

Recommendation

THAT the Conservation Halton Board of Directors **approve and endorse the CH staff report entitled "Coordinated Provincial Plan Review", dated September 29, 2016; and**

AND FURTHER THAT Conservation Halton staff be authorized to submit this report to the Ontario Ministry of Municipal Affairs through Environmental Registry Number #012-7194;

AND FURTHER THAT Conservation Halton staff be directed to circulate this report to CH member municipalities, adjacent conservation authorities and to Conservation Ontario for information purposes.

Summary

In 2015, the Province of Ontario initiated review of four Provincial Plans including the Growth Plan for the Greater Golden Horseshoe, Greenbelt Plan, Niagara Escarpment Plan and Oak Ridges Moraine Conservation Plan in 2015. The deadline for comments regarding proposed changes to these plans is October 31, 2016. A full description of the process and proposed changes is available on the Ministry of Municipal Affairs website at <http://www.mah.gov.on.ca/Page10882.aspx>

Many of the protective policies of the Greenbelt Plan and the Niagara Escarpment Plan have been harmonized and incorporated into the Growth Plan for the Greater Golden Horseshoe Area. In particular, several key changes supported by Conservation Halton include strengthening planning for natural resources including requirements for co-ordinated watershed and sub-watershed planning, mapping Natural Heritage and Water Resource Systems, providing stronger environmental criteria for making land use decisions, offering direction for dealing with excess soils, introducing an Urban River Valley designation for urban creeks flowing into Lake Ontario in the Greenbelt Plan, and further integrating infrastructure planning.

Conservation Halton has been actively engaged in the plan review process and provided initial comments in May 2015. Staff has participated in several workshops and meetings over the past year and will continue to be actively engaged in the policy review process.

This report summarizes the key changes proposed for the Growth Plan, Greenbelt Plan and the Niagara Escarpment Plan as they relate to Conservation Halton's interests and outlines Conservation Halton's response to these proposed changes. Given that the Oak Ridges Moraine Conservation Plan is located entirely outside of Conservation Halton's watershed, the report is focussed on the three aforementioned plans.

Report

Background

The Province of Ontario initiated review of four provincial land use plans in February 2015. These plans include:

- The Growth Plan for the Greater Golden Horseshoe
- The Greenbelt Plan
- The Oak Ridges Moraine Conservation Plan
- The Niagara Escarpment Plan

Three of the plans relate specifically to the Conservation Halton watershed, including the Growth Plan, Greenbelt Plan and Niagara Escarpment Plan.

Comments from the general public, municipalities, agencies, community groups, and others were solicited over a two-month period in 2015. Conservation Halton staff provided general comments to Conservation Ontario for inclusion into a collective conservation authority response. In addition, Conservation Halton staff provided detailed comments to the Province in response to questions posed in the document, *Our Region, Our Community, Our Home* on May 27, 2015 (Table 1 - Summary of Proposed Changes Related to Conservation Halton's Initial Comments).

Some key comments from Conservation Halton included:

- Support integrated, watershed-based planning and require subwatershed studies prior to or as a prerequisite to approving major intensification and redevelopment;
- Emphasize the importance of preserving, enhancing and restoring linkages between natural heritage systems and the need to protect the headwaters of Lake Ontario; recognize the Cootes to Escarpment EcoPark System;
- Provide greater oversight and regulation for large fill activities;
- Direct municipalities to examine the efficiency and effectiveness of current infrastructure to support intensification and development to include Optimization Programs;
- Acknowledge the contribution of "green infrastructure" to manage flooding and erosion hazards;
- Expand the urban greenbelt along valleys not in public ownership;
- Support land acquisition and private land stewardship programs carried out in partnership with municipalities, conservation authorities, and NGOs;
- Place more emphasis on Sustainable Forest Management;
- Support community education opportunities;
- Recognize the importance of providing quality recreational opportunities for a growing population and clarify the role and function of recreational Master Plans;
- Recognize the important role conservation authorities play in achieving the goals and objectives of the plans
- Harmonize the plans to reflect common definitions and interpretations and current provincial and municipal plans, policies and guidelines (e.g., Provincial Policy Statement 2014; Source Water Protection Plans); clarify the hierarchy of policies among plans; place greater emphasis on a range of tools which can support the implementation; and update mapping for natural heritage features; and
- Develop a sustainable funding model for supporting municipalities and conservation authorities to embrace "green infrastructure" and "outdoor recreation" (i.e., more inclusive development charge levies).

An Advisory Panel led by David Crombie was appointed to coordinate the review and recommend plan amendments. The report is entitled *Planning for Health, Prosperity and Growth in the Greater Golden Horseshoe: 2015-2041*.

In response to the Advisory Panel report and the 19,000 written submissions, the four plans were amended and released on May 10, 2016 for further consultation. Of the Advisory Panel's 87 total recommendations, all 56 of the core recommendations were incorporated into each of the four revised plans to varying degrees. The deadline for providing feedback regarding the proposed plan amendments has been extended from September 30, 2016 to October 31, 2016.

Conservation Halton has particular interest in the Coordinated Provincial Plan Review as three of these plans significantly influence planning within Conservation Halton's watershed. Conservation Halton's entire watershed is influenced by the Growth Plan, while the Niagara Escarpment and Greenbelt Plans extend through the western half of the watershed.

Conservation Halton staff has actively participated in consultation sessions with municipal representatives, the Ministry of Municipal Affairs and the Ministry of Natural Resources and Forestry and other provincial staff in the review of the proposed amendments to the Plans.

Summary of Proposed Plan Changes

To assist in the review of the four plans, the Province has produced an overarching document entitled "Shaping Land Use in the Greater Golden Horseshoe – A Guide to the Proposed Changes." This guide outlines key changes through 8 themes which are supported by the four plans. The intent of the review was to synthesize the four plans into a cohesive, regional land-use planning framework which enables the plans to work together. The changes that have particular relevance to Conservation Halton are described below:

1. Building Complete Communities

The amended plans seek to build "complete communities" by increasing intensification within built-up areas, particularly around transit and urban growth centres, while also providing greater protection for agricultural land and natural heritage features. Key changes aimed at achieving these objectives include:

- Increasing minimum intensification targets for new residential development occurring annually in existing Built-up Areas to 60% (up from 40%);
- Increasing minimum density targets for Designated Greenfield Areas from 50 to 80 residents and jobs per hectare (density calculations exclude natural heritage features, floodplains, certain types of infrastructure);
- New specific minimum density targets within Major Transit Station Areas and policies for Priority Transit Corridors;
- Stronger environmental and planning criteria needed when assessing the feasibility of Settlement Area boundary expansion, including requiring master plans for water/wastewater and stormwater management (SWM) plans to be informed by watershed planning.

2. Supporting Agriculture

The revised plans emphasize the importance of the agricultural system as a key contributor to the quality of life and economic well-being of the GGH. The plans seek to protect and enhance the agricultural sector and land base more effectively through the following changes:

- Requiring the Province to work with municipalities to identify and map an Agricultural System;
- Requiring municipalities to minimize impacts on the Agricultural System;
- Clarifying the types of uses permitted in prime agricultural areas to align with the Provincial Policy Statement (PPS), 2014 (e.g., on-farm diversified uses such as home industries and agri-tourism);
- Exempting structures associated with certain agricultural and related uses from undertaking natural heritage or hydrologic evaluations, while ensuring ecological impacts are minimized.

3. Protecting Natural Heritage and Water

Under the proposed changes, natural heritage, hydrologic and landform features and systems would be further protected, maintained and improved, particularly within areas not currently governed by the Greenbelt by:

- Requiring municipalities, partnering with conservation authorities (CAs), to undertake integrated watershed planning to protect, improve or restore water quality and quantity within watersheds;
- Requiring municipalities to identify and protect Key Hydrologic Areas (KHAs) in their official plans;
- Providing Greenbelt-level protection for Natural Heritage Systems (NHS), Key Natural Heritage Features (KNHFs), Key Hydrologic Features (KHF) and KHAs outside Settlement Areas;
- Directing municipalities to avoid Settlement Area expansion into natural features/systems with important water features, where possible;
- Encouraging municipalities to develop fill/soil re-use strategies and sustainably manage excess soil/fill through planning approvals;
- Requiring the Province to collaborate with municipalities to map a NHS for rural lands outside the Greenbelt and municipal Settlement Areas.

4. Growing the Greenbelt

New policies in the Greenbelt Plan describe ways in which the Greenbelt can be expanded by:

- Including 21 major river valleys and seven associated coastal wetlands as designated Urban River Valleys (URVs). Within Conservation Halton's jurisdiction, this includes Sixteen Mile Creek, Fourteen Mile Creek, Bronte Creek and Grindstone Creek;
- Exploring additional opportunities to grow the Greenbelt and considering requests from municipalities to increase the Greenbelt within Protected Countryside and/or Urban River Valleys.

5. Addressing Climate Change

The revised plans recognize the importance of addressing climate change and have included new policy directions aimed at more effectively responding to and mitigating its effects by:

- Requiring municipalities to implement climate change policies in their Official Plans;
- Requiring municipalities to undertake more comprehensive SWM planning in Settlement Areas and for Major Development to assess impacts of climate change on infrastructure;
- Encourage municipalities to increase infrastructure resiliency and use green infrastructure and low impact development techniques to reduce risks and costs associated with extreme weather events.

6. Integrating Infrastructure

The proposed changes seek to better integrate infrastructure and land use planning by:

- Requiring Infrastructure corridors to avoid, minimize or mitigate impacts on KNHFs, KHF and KHAs;
- Requiring water and wastewater master plans to demonstrate no negative impact on water quality and quantity and assimilative capacity when expanding water and wastewater services;
- Requiring comprehensive SWM studies before expanding settlement boundaries or permitting major development;
- Encourage Infrastructure vulnerability risk assessments, asset management plans and climate change adaptation strategies as useful tools to help mitigate the impacts of climate change.

7. Improving Plan Implementation

The plans were established at various times, apply to different geographic areas and contain distinct but complementary objectives. The Province proposes to integrate and align the plans with the local and provincial planning frameworks (e.g., PPS, source water protection, Big Move, etc.) by making policies consistent, using cross-pollinating terminology, harmonizing themes and synchronizing municipal implementation timelines. In support of this objective, the following changes are also proposed:

- New guidance materials and supplementary direction will be produced by the Province to help map the natural heritage and agricultural systems and implement watershed planning, SWM, and the creation of greenhouse gas inventories;
- Clarification that intensification and density targets would not require or enable growth beyond what is permitted under the PPS for special policy areas and other "hazardous lands".

8. Measuring Performance. Promoting Awareness and Increasing Engagement

Accurate data, reliable information and widespread feedback are essential to ensuring provincial policy objectives are implemented effectively and intended goals can be achieved. To promote awareness of the proposed changes, measure their ongoing performance and increase engagement from stakeholders, the Province proposes to do the following:

- Establish a comprehensive monitoring program to measure the effectiveness of the plans;
- Require municipalities and CAs to provide data for monitoring and performance indicators;
- Ensure all Plan Schedules are reviewed (and potentially updated) every five years after plans take effect.

Analysis

Table 2 (Conservation Halton (CH) Comments on the Coordinated Provincial Plan Review, September 29, 2016) details Conservation Halton's response to the proposed Plans. In summary, staff is encouraged by the many proposed changes to strengthen watershed, sub-watershed and environmental planning. Recognizing that the watershed scale is an appropriate scale for dealing with cross municipal boundary issues, the Plans complement the role of Conservation Authorities and encourage continued collaboration on matters that require joint decision making (e.g., upstream/downstream impacts, cumulative impacts, floodplain management, infrastructure planning, climate change, etc.). The majority of comments found in Table 2 are minor or housekeeping in nature. The Province is to be commended for providing a strong leadership role in promoting sustainable planning in Ontario.

Conservation Halton would be pleased to be actively involved in further discussion with the Province and offers expertise in the development of watershed planning guidelines, mapping and associated criteria and protocols, and other environmental matters as identified in Conservation Halton's response.

Prepared by:

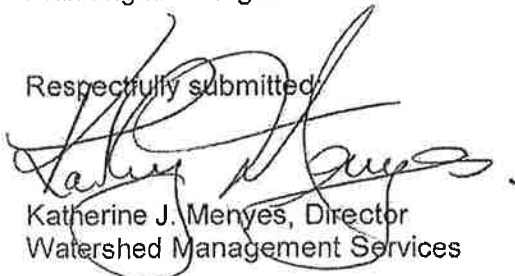


Barbara J. Veale, Manager
Planning and Regulation Services



Nicholas Burnaby
Policy Planning Analyst

Respectfully submitted,



Katherine J. Menyess, Director
Watershed Management Services

Approved for circulation:



Hassaan Basit
CAO/Secretary-Treasurer

Table 1 Summary of Proposed Changes Related to Conservation Halton's Initial Comments

Summary of Proposed Changes Related to CH Comments September 29, 2016	
<p>Key Comments provided by Conservation Halton (CH) May 27, 2015</p> <p>Support integrated, watershed-based and require sub-watershed studies prior to or as a prerequisite to approving major intensification and redevelopment</p>	<ul style="list-style-type: none"> • Municipalities, partnering with Conservation Authorities (CAs), are now required to undertake integrated watershed planning to protect, improve or restore water quality and quantity and inform decisions on new/expanded infrastructure throughout the Growth Plan (GP) area (GP Sections 3.2.1, 3.2.6.2, 3.2.7.1, 4.2.1.1, 4.2.1.3, 4.2.4.5) and Greenbelt Plan (GB) (GB Sections 3.2.3.2 - 5). • Settlement Area expansion and Major Development now require feasibility assessments informed by watershed planning and stormwater management (SWM) to assess flood risk vulnerability throughout the GP area (GP Sections 2.2.8.2, 3.2.7.2, 4.2.1.3) and GB (Section 3.2.3.2; 4.2.3.4 c). • The GP emphasizes watershed planning to protect and enhance the water resource system. • The GB includes a modified environmental protection goal that requires consideration of natural heritage and water resources when contemplating watershed/sub-watershed and stormwater management planning and water and wastewater servicing (Section 1.2.2.2 (c) and (d); Section 3.2.6). The GB also directs watershed planning to be integrated across the four provincial plans. • The Niagara Escarpment Plan (NEP) requires development in Minor Urban Centres, Urban Areas, Escarpment Recreation areas to comply with the targets, criteria and recommendations of applicable water, wastewater and stormwater master plans, approved watershed planning and/or sub-watershed plan in land use planning (Section 1.6.8.9(h); Section 1.7.5.9(h); Section 1.8.5.(h)).
<p>Emphasize the importance of preserving, enhancing and restoring linkages between natural heritage systems and the need to protect the headwaters of Lake Ontario</p>	<ul style="list-style-type: none"> • The GP (Section 4.2.2.) introduces a new policy requiring municipalities to incorporate a "natural heritage system" as mapped by the Province in their official plans including "key natural heritage features" and their connectivity and diversity, and to apply appropriate policies to maintain, restore or improve the diversity and connectivity of the system. There are also new policies to incorporate Greenbelt-level protections for "natural heritage systems", "key natural heritage features", "key hydrologic features" and "key hydrologic areas" outside "settlement areas" while allowing some flexibility in order to accommodate growth. • Within "settlement areas", the PPS, 2014 would apply for the protection of the "natural heritage system" and the "water resource system", with the added requirement that the diversity and connectivity of the "natural heritage system" would continue to be protected (GP, Section 4.2.3.5). • Planning for "infrastructure" corridors would be required to avoid, minimize or mitigate impacts on the "agricultural system", "key natural heritage features", "key hydrologic features" and "key hydrologic areas" (GP, Section 3.2). • The GP directs municipalities to consider the Great Lakes Strategy, the Great Lakes Protection Act, 2015 and any applicable Great Lakes agreements as part of watershed planning and coastal or waterfront planning initiatives (Section 4.2.1); the GB encourages municipalities, conservation authorities, federal government, other agencies and stakeholders to undertake watershed planning, which integrates supporting ecological systems with those systems contained in the GB (Section 3.2.6). • The GB includes new wording highlighting the natural heritage system connections beyond the Greenbelt, in the "Greater Golden Horseshoe" that speaks to the broader natural heritage system connections that would be identified in the GP Area (Section 3.2.6). • The NEP recognizes a natural systems approach and complements the GB. Any development permitted within the NEP Natural Area, Protection Area or Rural Area land use designations is required to demonstrate the diversity and connectivity between key natural features and key hydrologic features located within 240m of each other is maintained, or where possible enhanced (Section 2.7.1).

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Summary of Proposed Changes Related to CH Comments
September 29, 2016

Key Comments provided by Conservation Halton (CH)
May 27, 2015

<p>Recognize Cootes to Escarpment EcoPark</p>	<p>There is no mention of the EcoPark System in GP or GB. Conservation Halton properties within the NEP are listed as part of the Niagara Escarpment Parks and Open Space System and are recognized as contributing towards the Cootes to Escarpment EcoPark System.</p>
<p>Provide greater oversight and regulation for large fill activities</p>	<p>The GP (Section 4.2.9.2; 4.2.9.3) and GB (Section 3.4.2.5; 3.4.2.6) encourage municipalities to develop soil re-use strategies and to incorporate sustainable soil management practices into planning approvals and requires municipalities to use best practices for the management of excess soil and fill generated during any development or site alteration including infrastructure development (Section). The NEP includes a new section under Landform Conservation which specifies that a fill management plan is required for imported fill and that fill quality must meet or exceed existing on-site soil conditions (Sections 1.13.9; 1.13.10).</p>
<p>Direct municipalities to examine the efficiency and effectiveness of current infrastructure to support intensification and development include Optimization Programs</p>	<p>The GP directs the completion of master plans for water and wastewater, informed by “watershed planning” to protect water quality and quantity and to service growth and development in a manner that would not exceed the assimilative capacity of the receiving water body (Section 3.2.6). The GP states generally that the principle that all existing infrastructure should be optimized before new infrastructure is built is integrated into the policies, but operational optimization is not specifically stated (Section 3.1). The GB promotes the provision of long-term guidance for the management of natural heritage and water resources when contemplating such matters as watershed/subwatershed and stormwater management planning, water and wastewater servicing, development, infrastructure, open space planning and management, aggregate rehabilitation and private or public stewardship programs (Section 1.2.2.2 (d); Section 4.2.3). Section 4.2.1 (c) states that where practical, the existing capacity and coordination with different infrastructure shall be optimized.</p>
<p>Acknowledge the contribution of “green infrastructure” to manage flooding and erosion hazards</p>	<p>Incorporation of green infrastructure and low impact development is required to be included in stormwater master plans, informed by watershed planning (GP, Section 3.2.7.1 (c) and large developments, informed by subwatershed planning (Section 3.2.7.2 b). The GB defers to the GP on matters of stormwater management (Section 4.2.3). It includes new wording that encourages municipalities to increase resiliency of “infrastructure” and the use of “green infrastructure”, to reduce risks and costs associated with extreme weather events. The Greenbelt acknowledges that preventing increases in stream channel erosion and flood risk and protecting aquatic species and their habitat are some of the objectives of a storm water management plan (Section 4.2.3.5 (d), (e) and (f)).</p>
<p>Expand the urban greenbelt along valleys not in public ownership</p>	<p>Revisions to the NEP have been made to better coordinate with other provincial plans and to address new policy approaches green infrastructure as defined in the Provincial Policy Statement. The plan directs municipalities and other agencies to maximize opportunities for the use of green infrastructure in Minor Urban Centres, Urban Areas, Escarpment Recreation Areas, Infrastructure, and in the Niagara Escarpment Parks and Open Space System (NEPOSS) (Section 1.6.8.5; 1.7.5.2; 1.8.5.2; 2.12; 2.12.3; 3.1.1). Urban valleys are designated in the GB, however, the designation only applies to public lands (Section 6).</p>
<p>Support land acquisition and private land stewardship programs carried out in</p>	<p>Municipalities, conservation authorities, non-governmental organizations, and other interested parties are encouraged to develop a system of publicly accessible parkland, open space and trails, including in shoreline areas, within the GGH (GP, Section 4.2.5.1; GB, Section 3.3.3.4).</p>

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Summary of Proposed Changes Related to CH Comments
September 29, 2016

Key Comments provided by Conservation Halton (CH)
May 27, 2015

<p>partnership with municipalities, conservation authorities, and NGOs</p>	<p>The NEP recognizes the role of NEPOSS agencies in acquiring land to expand the open space system (Section 3.1.1.4; Section 3.4). There is no mention of private land stewardship.</p>
<p>Recognize the importance of providing quality recreational opportunities for a growing population and clarify the role and function of recreational Master Plans</p>	<p>See above. The GB states that Provincial parks and conservation authority lands are also important components in the development of parkland, open space and trail strategies. Ongoing management of these lands for publicly accessible recreation, in keeping with environmental management plans and strategies for such areas and the policies of this Plan, is important in providing access to this system (Section 3.3.3.4). The process for approving Master/Management Plans has been clarified, as well as the role of NEPOSS agencies (Section 3.1). The NEP recognizes that NEPOSS provides public access to the escarpment and opportunities for protection, education, recreation and tourism.</p>
<p>Place more emphasis on Sustainable Forest Management</p>	<p>The GP recognizes the value of renewable resources to long-term quality of life, economic prosperity, environmental health and ecological integrity of the region. It states that renewable resources collectively provide essential ecological goods and services, including water storage and filtration, cleaner air, biodiversity, habitats, crop pollination, carbon storage and resilience to climate change (Section 4.1). However, there are no specific policies related to sustainable forestry. Likewise, the GB also recognizes the value of renewable resources and provides general direction that uses should be in accordance with applicable legislation, regulations and municipal planning documents and the recommendations, standards, and targets of relevant watershed plans, water budget and provincial guidance (Section 4.3.1). However, there are no specific policies for sustainable forestry. The NEP recognizes forestry as an activity in the Escarpment Protection Area and the Escarpment Rural Area (Section 1.4.1.5; 1.5.1.4).</p>
<p>Support community education opportunities</p>	<p>While community educational facilities and opportunities are recognized (e.g., Public Facilities, ANSIs), references are general. There are no specific policies in the plans. The NEP encourages public education as a goal for Escarpment Natural Areas and with NEPOSS (Section 1.3.1.3; 3.1.1.2; 3.1.1.9 and 3.1.2). It also states that two of the roles of Nodal Parks (Crawford Lake Conservation Area is a nodal park) are for education and interpretation.</p>
<p>Recognize the important role conservation authorities play in achieving the goals and objectives of the plans</p>	<p>The GP and the GB make several references to watershed planning and the requirement to undertake watershed plans prior to land use planning decisions being made. The Plans require that watershed planning be carried out in partnership with Conservation Authorities. Conservation authorities are recognized as NEPOSS agencies (Section 3.1). In addition, it is stated that where Section 28 applies under the Conservation Authorities Act, the most restrictive provision/standard applies (Section 2.7).</p>
<p>Harmonize the plans to reflect common definitions and interpretations and current provincial and municipal plans, policies and guidelines</p>	<p>Most definitions have been harmonized across plans; however, there are instances where terms are used and defined in one plan and used and not defined in another. There are also some differences in wording and styles between plans. Links to other provincial initiatives such as the Climate Change Strategy, 2015; Great Lakes Strategy, 2014; and the Great Lakes Protection Act, 2015 have been made.</p>

Summary of Proposed Changes Related to CH Comments
September 29, 2016

Key Comments provided by
Conservation Halton (CH)
May 27, 2015

<p>Clarify the hierarchy of policies among plans</p> <p>Place greater emphasis on a range of tools which can support the implementation</p>	<p>Through the harmonization of policies, the approaches among plans are complementary for the most part. There are several references to policies which overlap with Conservation Authority regulations, where is not stated that the policies are subject to "all other applicable legislation, regulations, Official Plans and Zoning By-laws." Clarification is required.</p> <p>There is commitment to implementation in the GP. Section 5.2.2 states that the Minister will, where appropriate, identify, establish or update the following:</p> <ul style="list-style-type: none"> a) the built boundary; b) the size and location of the urban growth centres; c) a standard methodology for land needs assessment; d) prime employment areas, where necessary; and e) data standards for monitoring implementation of this Plan. <p>2. In order to implement this Plan, the Province will, where appropriate, identify, establish or update the following:</p> <ul style="list-style-type: none"> a) priority transit corridors and planning requirements for priority transit corridors; b) mapping of the agricultural system for the GGH and related guidance; c) mapping of the natural heritage system for the GGH; and d) guidance on watershed planning. <p>In addition, performance monitoring will be required and conservation authorities and municipalities may be required to submit data in support of monitoring (Section 5.2.6).</p>
<p>Update mapping for natural heritage features</p> <p>Develop a sustainable funding model for supporting municipalities and conservation authorities to embrace "green infrastructure" and "outdoor recreation" (i.e., more inclusive development charge levies).</p>	<p>The GP indicates that the Province will map the Natural Heritage System across the GGH (Section 5.2.2 (c)).</p> <p>Not addressed in the Plans.</p>

Table 2 Conservation Halton (CH) Comments on the Coordinated Provincial Plan Review, September 29, 2016

Coordinated Provincial Plan Review	
Conservation Halton (CH) Comments (September 29, 2016)	
<p>Theme</p> <p>General Role of Conservation Authorities</p>	<p>Role of Conservation Authorities</p> <p>Conservation Authorities can help to achieve the goals and objectives of the provincial plans. As watershed agencies, supported by member municipalities, conservation authorities facilitate and implement watershed planning, help define natural heritage systems, delineate and map natural hazards, provide technical review and advice for storm water management (including green infrastructure and low impact development (LID)), undertake flood and erosion management, and protect environmentally sensitive lands, taking into consideration upstream, downstream and cumulative impacts. Conservation Authorities also carry out programs to promote environmental education, private and public stewardship, sustainable forest management, and acquisition of sensitive lands.</p> <p>CH strongly supports the Province's proposal to require rather than encourage watershed planning to deal with resource issues which cross jurisdictional boundaries and looks forward to continuing discussions regarding how watershed planning can best be delivered.</p>
<p>Building Complete Communities</p> <p>Complete Communities</p>	<p>Complete Communities</p> <p>The concept of "Complete Communities" is supported by CH. Additional emphasis on a strong environmental component associated with the concept is suggested to tie environmental and recreational benefits more specifically.</p>
<p>Building Complete Communities</p> <p>Intensification</p>	<p>Intensification</p> <p>Increased intensification targets to address urban sprawl, protect agricultural land and the environment and to help Ontario reach its climate change objectives make sense. Strong policies are required to ensure that pressure for development and intensification does not translate into degradation of the environment (both features and functions). While Section 2.1 of the GP directs growth away from hazardous areas, there will be pressure for redevelopment in urban cores within flood and erosion hazard areas (whether designated a Special Policy Area (SPA) or not). CH supports the introduction of specific wording to clarify that intensification is discouraged in SPAs or other hazard areas where development currently exists.</p>
<p>Building Complete Communities</p> <p>Shoreline Development</p>	<p>Shoreline Development</p> <p>Section 4.2.4.5 of the GP applies to the development of shoreline areas outside of settlement areas. Shoreline areas are regulated through individual Ontario Regulations under the Conservation Authorities Act. There is increasing pressure for development along shorelines and some of these areas are susceptible to severe hazards (e.g., dynamic beaches; flooding hazard, erosion hazard). Consider the addition of the following wording "outside of settlement areas and subject to municipal and other agency planning requirements and conservation authority regulatory requirements..."</p> <p>Section 2.2.7 (k) refers to "flood and fill regulations". It is assumed that this refers to the <i>Development, Interference with Wetlands and Alteration to Shorelines and Watercourses Regulations</i> administered by the Conservation Authorities. This terminology should be updated, perhaps by referencing individual Conservation Authority regulations pursuant to the Conservation Authorities Act.</p>
<p>Building Complete Communities</p> <p>NEP</p> <p>Development Criteria</p>	

<p>Theme</p> <p>Supporting Agriculture Development Adjacent to Key Natural Heritage Features/Key Hydrologic Features</p>	<p>Agricultural Development Adjacent to Key Natural Heritage Features/Key Hydrologic Features</p> <p>CH supports the Province's efforts to protect agricultural lands from urban sprawl and acknowledge diversification and infrastructure needs. Mapping of the agricultural systems is an important tool which will assist in making planning decisions. However, it is important that natural heritage features and functions are not being traded off in favour of agriculture; protection of both systems is needed.</p> <p>Section 3.2.5.8 of the GB and Section 4.2.4.4 (c) of the GP exempt certain agricultural development from the requirement to complete natural heritage or hydrologic evaluations within 120m of key natural heritage features and/or key hydrologic features, provided that certain requirements are met (a-f). CH agrees that some agricultural development can occur within 120m of these features depending on the <u>scale, scope and use of the structure</u> being proposed. Consideration should be given to ensure that the Plans' direction is consistent with the implementation of Conservation Authority regulations, where a Conservation Authority permit, including supporting studies may be required.</p> <p>In addition, clarification is requested regarding the nature and quality of "vegetated buffer areas". CH recommends that the original definition of "vegetation protection zone" found in previous versions of both the GP and GB be reinstated.</p>
<p>Supporting Agriculture Lot Creation</p>	<p>Lot Creation</p> <p>The policies in the Niagara Escarpment Plan (NEP) related to Sections 2.4 and 2.8 may limit potential stewardship partnerships and initiatives between conservation organizations and farmers wanting to part with their land for agricultural uses. CH suggests the addition of two bullet points to Section 2.4.19 of the NEP to allow more flexibility for lot creation for the express purpose of conservation:</p> <ul style="list-style-type: none"> e) to secure part of an existing agricultural lot for conservation purposes, provided that the intent is not to impact the operation of the prime agricultural lands f) to enable the appropriate (to the plan designation) management of abandoned farmland parcel to a naturalized condition by an approved conservation organization.
<p>Protecting Natural Heritage and Water Watershed Planning</p>	<p>Watershed Planning (NEP, Sections 1.6.8, 1.7.5, 1.8.5; Growth Plan, Sections 2.2, 2.2.7, 3.1, 3.2, 3.2.1, 3.2.6, 3.2.7, 4.1, 4.2, 4.2.1, 4.2.10.1; GB, Sections 1.2, 3.2, 3.2.3, 3.2.6, 5.3)</p> <p>CH strongly supports an integrated, watershed approach for protecting surface water and groundwater quality and quantity through the appropriate management of water and related land resources (e.g., natural heritage system including wetlands, valley lands, shorelines, surface and groundwater, green infrastructure, LIDs, etc.). The GP, NEP and GB now require, rather than encourage watershed planning to deal with resource issues which cross jurisdictional boundaries. CH supports this requirement and encourages the Province to amend the plans to reflect the collaborative nature of the watershed planning process and the role of the Conservation Authorities in integrated watershed management, where they exist. This collaborative tone is reflected in the GB (Section 3.2.3.2) which states that municipalities together with Conservation Authorities shall ensure watershed planning is completed.</p> <p>There are many aspects of watershed planning which are unclear or remain inconsistent among the Plans and Conservation Halton looks forward to being involved in further discussion regarding the updating of guidelines for watershed planning and management.</p> <p>Definitions of Watershed Plan and Watershed Planning (Growth Plan and Greenbelt Plan)</p> <p>To reflect the collaborative nature of watershed planning and the range of watershed-wide objectives which may be associated with it, CH offers the following suggested revisions to watershed plan and watershed planning definitions:</p> <ul style="list-style-type: none"> o Watershed Plan means a collective strategy shared by conservation authorities, municipalities, provincial agencies and other stakeholders to address key natural resource issues, including water quality and quantity, within a watershed. A watershed plan is developed through a collaborative watershed planning process and considers the impacts of human activities on natural systems including cumulative impacts, upstream/downstream effects, and climate change.

Theme

○ **Watershed Planning** means a collaborative process for managing human activities and natural resources within a watershed to resolve natural resource issues, including water quality and quantity, in an integrated and collective manner. The process includes a number of steps: building partnerships; undertaking an inventory and assessment of the existing condition of natural resources within the watershed (watershed characterization); defining goals and objectives; identifying actions which need to be undertaken to meet the goals and objectives; outlining monitoring requirements; assessing progress and on-the-ground results; and updating the plan. It enables conservation authorities, municipalities, provincial agencies and other stakeholders to coordinate across political and jurisdictional boundaries for the benefit of all residents.

A *watershed plan* shall include, but is not limited to, the following components:

- a) an inventory and assessment of natural resources including key natural heritage features and functions; terrestrial and aquatic habitats, hydrologic features and functions, and water quality and water quantity conditions; *(added)*
- b) a water budget and conservation plan;
- c) land and water use and management strategies;
- d) climate change strategies; *(added)*
- e) hazard delineation and management strategies (flooding and erosion) a framework for implementation; *(added)*
- f) an environmental monitoring plan;
- g) requirements for the use of environmental management practices and programs;
- h) criteria for evaluating the protection of water quality and quantity, and *key hydrologic features* and functions;
- i) targets on a watershed or sub-watershed basis for the protection and restoration of riparian areas and the establishment of *natural self-sustaining vegetation*; and
- j) a framework for implementation.

Watershed plans are undertaken at many scales. The level of analysis and specificity generally increases for sub-watersheds.

Watershed Planning and Natural Heritage Systems (NHS)

Natural heritage systems play an important role in providing resilience on the landscape to climate change, moderating river flows, protecting groundwater recharge and discharge areas, filtering contaminants, preventing erosion, etc. The links between watershed planning and the protection and restoration of natural heritage systems should be strengthened in the Plans.

Protecting
Natural
Heritage and
Water
Watershed
Planning and
Natural
Heritage
Systems (NHS)

Development Pressures

Growth pressures are strong in the GTA, particularly within the Region of Halton. The GP (Section 3.2.7.2) states that large-scale development proceeding by way of secondary plans, plans of subdivision, and vacant land plans of condominium, and proposals for resort development, will be supported by a stormwater management plans, or equivalent that is informed by a sub-watershed plan or equivalent. Often, more detailed technical studies such as sub-watershed impact studies (SIS) or master environmental servicing plans (MESP) are required to refine natural hazard limits, natural heritage systems and provide specific guidance for water servicing prior to development. CH recommends that the wording of Section 3.2.7.2 be modified to indicate that "large-scale development be supported by more detailed environmental and stormwater servicing plans or equivalent that is informed by a sub-watershed plan or equivalent." It would be helpful if details concerning what the Province considers "equivalent" to sub-watershed plans were included in the Plans.

Protecting
Natural
Heritage and
Water
Development
Pressures

<p>Theme</p> <p>Protecting Natural Heritage and Water <i>NHS Mapping</i></p>	<p>Mapping of the NHS within the GGH</p> <p>In order to protect natural features and functions, identification and mapping is imperative. Mapping natural heritage features has been undertaken by Conservation Authorities and municipalities, although further work may be required to refine the boundaries. CH is pleased to assist in providing mapping and data to the Province and developing criteria for mapping and protocols for maintaining and updating the mapping product as new information becomes available through future sub-watershed studies, environmental assessments or site-specific field work.</p> <p>The Headwater Steering Committee, comprised of Conservation Authority experts, has been advancing headwater research, monitoring, and management, including the development of the monitoring protocol, a headwater guideline, and a research collaborative with UBC, Trent, and U of Ottawa. The Headwater Steering Committee, of which CH is a member, would be pleased to meet with the Province to discuss the protocols and guidelines which have already been developed.</p> <p>In the interim, it is recommended that the GP and GB be amended to indicate that policies apply to all natural heritage features according to specified criteria, whether mapped or not.</p>
<p>Protecting Natural Heritage and Water <i>Key Hydrologic Features</i></p>	<p>Key Hydrologic Features</p> <p>The Plans identify key hydrologic features as permanent streams, intermittent streams, inland lakes, seepage area and springs and wetlands. The identification and delineation of key hydrologic features will be informed by watershed planning, and other evaluations and assessments.</p> <p>The GP allows for development and site alteration within these areas subject to a number of criteria as outlined in Section 4.2.2.4 (b). However, development within these areas, with the exception of very small pockets of wetlands is also regulated by Conservation Authorities. In addition, other approvals for development may be required in these areas and a precautionary approach should be applied. In this regard, we suggest that approvals should be "subject to municipal and other agency planning requirements and conservation authority regulatory requirements". There are often areas outside of key hydrologic areas that would be suitable for development – CH recommends that these areas should be identified as the first option when dealing with the expansion or construction of new structures and all effort should be made to locate these uses outside of key hydrologic features.</p>
<p>Protecting Natural Heritage and Water <i>Key Hydrologic Areas</i></p>	<p>Key Hydrologic Areas</p> <p>The policies in the GB (Section 3.2.4.1) may be too restrictive because, in some areas, it is not possible to sustain pre-development infiltration and where road salt is applied, the quality of infiltrating water cannot be maintained. The Halton-Hamilton Source Protection Plan includes a policy that states "the municipal planning authority shall require that planning applications demonstrate that all attempts have been made to achieve a pre-development recharge condition using best management practices and including low impact development measures." This wording allows development to proceed when the requirements are not possible.</p> <p>Significant groundwater recharge areas and highly vulnerable aquifers cover a large area of the CH watershed, primarily above the escarpment. For the source protection program, significant groundwater recharge areas (SGRAs) were a relative assessment (i.e., where most of the recharge occurs within the watershed). Different methods for assessing these areas were approved for use, so across the Plan Area, SGRAs have been mapped differently. This may result in inconsistencies in how policies are implemented.</p> <p>Municipalities often advocate scoped sub-watershed plans which exclude hydrogeological investigation because of cost. Guidance in the GB to permit major development in key hydrologic areas "where it has been demonstrated through watershed and sub-watershed planning" would ensure that infiltration and the quality of infiltrating water is maintained throughout the protected countryside (Section 3.2.4).</p> <p>CH supports Section 3.2.5.1 in the GP which requires municipalities to demonstrate through an Environmental Assessment, the avoidance or impact minimization/mitigation to key natural heritage and hydrologic features and key hydrologic areas, and encourages the Province to use</p>

<p>Theme</p>	<p>the same standard for mineral operations and wayside pits and quarries in key hydrologic features and key natural heritage features (GP, Section 4.2.3.1 (d)).</p>
<p>Protecting Natural Heritage and Water <i>Special Concern Species</i></p>	<p>Special Concern Species The GB (Section 3.2.5) and NEP (Section 2.7.2) removed "Special Concern Species" from the list of Key Heritage Features and from Plan definitions. CH recognizes that Special Concern species also fall under Significant Wildlife Habitat, but requests that these species remain listed as key natural heritage features and defined in the Plans because Significant Wildlife Habitat is rarely identified in Official Plans.</p>
<p>Protecting Natural Heritage and Water <i>Threatened and Endangered Species Habitat</i></p>	<p>Threatened and Endangered Species Habitat Section 3.2.5.6 of the GB states that a proposal for new development or site alteration within the NHS is not subject to the policies of Section 3.2.5.5, where the only key natural heritage feature is the habitat of endangered and threatened species. Conservation and recovery of species at risk are tied to the condition of the surrounding landscape (i.e., the Natural Heritage System) and the two should be considered simultaneously. Reconsideration of this policy is requested, recognizing that coordination with processes related to the Endangered Species Act will also be required.</p>
<p>Protecting Natural Heritage and Water <i>Mineral Aggregate Operations and Rehabilitation</i></p>	<p>Aggregate Operations and Rehabilitation The GB (Section 4.3.2.3) permits new mineral aggregate operations in wayside pits in key natural features, fish habitat, Life Science Areas of Natural and Scientific Interest (ANSI), significant valley lands, significant wildlife habitat, sand barrens, savannahs and tallgrass prairies and key hydrologic features: permanent and intermittent streams, lakes, seepage areas and springs, and non-significant wetland subject to certain application demonstrations and restoration. This approach is likely insufficient for protecting for the NHS and a precautionary approach is advised. CH recommends that mineral aggregate operations and wayside pits and quarries should not be permitted in key hydrologic features or key natural heritage features.</p> <p>The Plans support different standards for new mineral aggregate operations versus expansions of existing mineral aggregate operations as outlined in the GP (Section 4.2.8), GB (Section 4.3.2.3) and the NEP (Section 2.9). Consideration for applying the same standards is recommended for two reasons. First, in CH's experience, proponents are not required to examine the cumulative impacts of proposed expansions (i.e., including impacts from existing licensed operation) when applying for the expansion. This can lead to a piecemeal approach whereby the impacts of a particular project can be made to appear less significant if the project is broken up into smaller phases. Second, there may be an underlying assumption that expansions to existing operations will impact areas that have already been degraded. This is not the case where the expansion area is not contiguous with the existing operation, as is the case with some applications.</p> <p>It is recommended that applications be considered only if proponents can demonstrate that there will be no negative impacts on the features or ecological or hydrological functions or cumulative effects demonstrated through studies at the sub-watershed scale. In addition, expansion may result in impacts on areas that were not previously disturbed, and as such, the demonstration of items 3.2.5 (c) (i, ii, and iii) should be required for expansions as well as new operations. CH requests that greater clarity and guidance be provided in Section 2.9.1 and 2.9.2 regarding the appropriate use of a quarry after its operations are completed. In addition, it is recommended that the word "new" be removed from these sections such that the policies would apply to expansions as well.</p> <p>The GB (Section 4.3.2.6) sets out the minimum requirements for rehabilitation of new mineral aggregate operations in the NHS. These minimum requirements, compared to the features and functions removed, may not be adequate and should be reconsidered.</p>

<p>Theme</p> <p>Protecting Natural Heritage and Water</p> <p>Soil Reuse and Managing Excess Soil</p>	<p>Soil Reuse and Managing Excess Soil</p> <p>CH is pleased that the issues of soil reuse and managing excess soil are acknowledged in the Plans. The Province may wish to reference the fact that it is working on an Excess Soils Framework. CH is actively participating in this initiative.</p>
<p>Protecting Natural Heritage and Water</p> <p>Cootes to Escarpment EcoPark</p>	<p>Cootes to Escarpment EcoPark</p> <p>CH is a partner in the Cootes to Escarpment EcoPark System, which is a collaborative initiative to protect, restore and connect more than 3,642 ha (about 9,000 acres) of significant lands at the western end of Lake Ontario, which lie partially within the Niagara Escarpment and GB areas. Given its significance, CH requests that the Cootes to Escarpment EcoPark be recognized in Section 1.2.2.2 (b) and 3.2.6, second paragraph of the GB.</p>
<p>Protecting Natural Heritage and Water</p> <p>NEP - Land Use Policies and Protection</p>	<p>NEP – Land Use Policies and Protection</p> <p>Sections 1.3.3.8 and 1.5.3.7 have been changed to remove the clause “provided that the impact on the natural environment is minimal” and “provided that any detrimental impact of these uses on the Escarpment scenic qualities and natural environment is kept to a minimum” as they relate to accessory uses and recreational uses respectively. CH suggests that the former wording be retained, as it provides an additional tool for decision makers to ensure the natural environment is better protected.</p> <p>Section 2.12 outlines policy objectives in the design and location of infrastructure corridors and facilities. CH suggests the inclusion of an a policy that requires proponents to consider and mitigate the negative impacts on wildlife when considering the design and location of infrastructure corridors and facilities, particularly from the perspective of road ecology.</p> <p>Section 2.4.12 (b) outlines conditions in which new lots can be created by a public body or conservation organization. It stipulates that subject to receiving required municipal approval, new lots may be created by an approved conservation organization to establish a nature reserve. Conservation Authorities have the ability to acquire severed lands under the Provincial Planning Act with ministerial approval, and without the need for municipal approvals. CH suggests that this section be clarified as it pertains to Conservation Authorities.</p> <p>Section 2.4.17 deals with the prohibition of land severances on any property within the NEP subject to a heritage conservation easement agreement but it is unclear whether or how this section applies to Conservation Authorities.</p> <p>Section 2.7.1.1 outlines permitted forest management activities with an Area of Natural Scientific Interest (Life Science) that is publicly owned or owned by an approved conservation organization. The wording may be restrictive within the context of woodlands. The following wording is recommended “...an approved conservation organization may be permitted where it is necessary to maintain the values for which the area was acquired, or where forest management has been identified as required by a qualified forester for forest health benefits...”</p> <p>Section 2.7 deals with development policy affecting natural heritage and hydrologic features and functions. It states that the objective is to ensure no negative impacts on the features or functions. CH recommends that the NEP includes guidance on how to identify and assess “negative impacts”.</p>
<p>Protecting Natural</p>	<p>NEP - Recreation, Parks and Open Spaces</p> <p>Section 2.7.3 (d) allows hiking trails and boardwalks in parks and open space lands as indicated in an approved master/management plan,</p>

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Heritage and Water NEP - Recreation, Parks and Open Spaces

subject to compliance with all other relevant development criteria. CH welcomes the inclusion of this clause and suggests additional wording be included in Section 2.7.3 (d) "hiking trails, boardwalks or other accessory infrastructure to a trail".

Section 2.11 deals with recreation in and on the Escarpment environment with the objective to minimize negative impact. The policies frame recreation as negative pressure on the Escarpment, in contrast to the positive framing of agriculture. Recreation is a key means to engage communities and instill a stewardship ethic for the appreciation and care of the Escarpment. CH suggests that the NEP include similar language to that found in Section 3.3 of the GB in Section 2.11 and in the Introduction.

CH suggests the following revision to Section 2.11.2 from "shall not require the building of major structures and shall have no negative impact on the Escarpment environment" to "shall reduce as far as is reasonably practicable, negative impacts on the Escarpment environment." It is important that a balance between positive and negative impacts is struck and that the wording reflects an achievable and realistic standard.

Section 2.11.8 speaks to the moving of trails to more "appropriate locations" when the original location is negatively impacting the Escarpment environment. Clarification as to what is defined and deemed as an "appropriate location" is required.

Section 2.2.9 (e) deals with the number and size of signs allowed under the Plan. It states that signs shall be limited to one per lot and should not exceed 0.9 m², unless it can be demonstrated that a larger sign would have minimal negative impact on the Escarpment environment. CH suggests the current wording establishes an unrealistic standard as it relates to Escarpment Recreation Area/Parkland uses. Signs are regularly larger than what is recommended in the Plan and multiple signs per lot are often required. CH suggests that an additional exclusion be provided around parkland/recreational signage. Alternatively, the definition of signage could be amended so that it excludes information and interpretation signage located within a park.

Section 2.3 includes policy related to existing uses within the Escarpment environment. Specifically related to parkland, CH suggests more clarity and guidance regarding what constitutes a change in use is needed, as the requirement for a development permit under the Niagara Escarpment Planning and Development Act can be triggered by a change in use. A clear breakdown of the activities that are compatible with an "existing use" is suggested.

Section 2.14 relates to the Bruce Trail. An additional policy stating that "the Bruce Trail will follow an existing managed trail, where the existing managed trail lies within 50m of the trail corridor," is suggested. This will help to eliminate trail duplication in the system. In addition, a statement that specifies where the Bruce Trail is developed on property that is privately owned, the Bruce Trail will adhere to all and any requests by that landowner to manage the trail on those lands is recommended. Sections 2.14.1 and 2.14.2 outline conditions for the corridor location, compliance and minimal environmental disturbance of the Bruce Trail. These sections may be redundant and consideration for their removal is advised, as policies related to the Bruce Trail already exist in Section 2.11.

Section 2.14.7 deals with the development of Bruce Trail access points. CH recommends inclusion of a clause that would address parking when considering the location and development of access points. This is particularly relevant in near-urban areas where Bruce Trail access points are key recreational hubs and draw significant volumes of vehicles.

Section 3.1.2 deals with the concept of parks and open space system. The Bruce Trail was not designed to link open spaces, natural heritage features or landforms. The initial intent of the Bruce Trail was for public access and use. By default, it now serves both roles. In this regard, it may be appropriate to include background context in this section.

Section 3.1.4 deals with parks and open space classification policy. Classification is based on the natural and cultural heritage resources and is subject to confirmation when a master/management plan is prepared or revised. Exceptions to the classification policy include lands acquired specifically for the Bruce Trail, not listed in Appendix 1. In addition, Section 3.1.5.3.2 exempts the Bruce Trail Conservancy from the approval

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process under Section 3.1.5.3. Justification and clarification for why the Bruce Trail is exempt in both cases would be helpful as lands purchased or otherwise acquired for the Bruce Trail may include significant features worthy of "conservancy" management.

Section 3.2.3 states that on Bruce Trail Conservancy owned and/or managed lands, including easements, only pedestrian use is permitted. CH would encourage that the Plan not be overly restrictive as it relates to pedestrian use on Bruce Trail lands. It is recommended that the NEP defer to the policy of the Bruce Trail Conservancy for guidance. This would give the Bruce Trail Conservancy flexibility to rely on its own expertise and guidelines to amend its policy without requiring a NEP amendment.

Section 3.2.4 details how the Bruce Trail route will be determined and references the development criteria in Section 2.14 as one factor in determining the route's location. It is unclear whether the standards of Part 2 or Part 3 apply. Clarification would be useful.

NEP – Niagara Escarpment Parks and Open Spaces System (NEPOSS)

CH suggests that language similar to that found in the GB (Section 3.3) be included in Section 3.1 of the NEP as it relates to outdoor recreation and the important role it plays in building complete communities. It is recommended that the opportunities and value of shared management of public recreational areas through NEPOSS be acknowledged.

Section 3.1.2 makes reference to NEPOSS as a system of public lands acquired to protect natural heritage resources and cultural heritage resources along the escarpment. Many of the lands were acquired for other purposes including flood control and acquired prior to NEPOSS for public recreation. CH suggests a revision to recognize origins and context.

Section 3.1.5, dealing with Parks and Open Space Zone policy, states that forest management only occurs in Resource Management Zones as per Section 3.1.5. Conservation Halton purports that forest management can occur without conflict with Parts 2 and 3 within other zones, providing it meets the intent or is specified within an approved master plan or equivalent. The addition of forest management in Nature Reserve Zones and Natural Environment Zones as outlined in Section 3.1.5 is advocated.

Section 3.1.5.1.3 exempts undertakings from development controls within approved master/management plans. A change in wording to "undertakings within an approved Master/Management Plan are exempt from Development Control" is requested. This is important because it provides an incentive to develop an approved master plan which includes appropriate development and management controls.

Sections 3.1.6.6 – 3.1.6.8 outline specific permitted recreation activities (e.g., rock climbing, ropes courses, zip lines and camping (car and backcountry)) allowed in Parks and Open Spaces within the Escarpment. The listing of these specific activities excludes all other activities by default. CH suggests these sections be replaced with a more general statement such as, "in general, no activity beyond low impact trail based activities will be permitted in a nature reserve as defined in Section 3.1.4 unless specified in an approved master plan."

Section 3.1.6.9 deals with the establishment of new trails within a Nature Reserve or Nature Reserve zone as defined in Sections 3.1.4 and 3.1.5. Many trails exist in NEPOSS, but are not formally managed. Clarification regarding the status of these unmanaged trails (e.g., new vs. existing) and a definition of what constitutes a "new trail" would provide helpful direction.

Section 3.2.1 relates to the Bruce Trail and describes it as an essential component of NEPOSS. NEPOSS parks would exist and continue without the Bruce Trail although it serves an "important" linkage role. Replacement of the word "essential" with "important" would better describe the role of the Bruce Trail in NEPOSS.

Sections 3.2.5 and 3.2.7 address management agreements for the design, development, maintenance and management of the Bruce Trail. CH submits that Section 3.2.5 is redundant and should be removed and recommends an amendment to Section 3.2.7 as follows "management agreements with NEPOSS agencies and other private land owners within the NEP area."

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Section 3.3 relates to municipal parks and open spaces and their inclusion into NEPOSS, but does not acknowledge the involvement of the NEPOSS council in identifying and approving new NEPOSS lands. Acknowledgement in the NEP of the role of the NEPOSS council in approving new lands to the system would be appreciated.

Growing the Greenbelt – Urban River Valleys

CH commends the Province for providing opportunities to municipalities for growing the Greenbelt and is supportive of the proposed provincially-led process to identify additional areas to be added. The GB (Sections 1.2.3 and 6) incorporates an urban river valley policy designation that applies to publicly-owned urban river valley lands in the GTA. The delineation of the urban river valley is, for the most part, a set distance from the water’s edge of the streams. Consideration should be given to using the valley systems as delineated by Conservation Authorities.

As the majority of lands in the Urban River Valleys are regulated by Conservation Authorities, it may be appropriate to reword Section 6.2.2, as follows: “The lands are governed by the applicable official plan policies provided they have regard to the objectives of the GB and by Conservation Authority regulations, where they exist.”

Consideration should be given to expanding the urban river valley system to include valley lands not in public ownership, should landowners be willing to be part of the designation.

Watershed Planning and Climate Change

The Province is commended for directly incorporating climate change considerations into the Provincial Plans and referencing and integrating concurrent provincial initiatives such as the Ontario Climate Change Strategy, 2015. Climate change adaptation and mitigation can be undertaken at municipal and watershed levels. Watershed planning deals with issues such as flooding, erosion, and drought and develops strategies to ensure that there are redundancies in the natural environment to deal with the vagaries of a changing climate. Incorporating climate change adaptation strategies at the watershed level will assist municipalities in developing more detailed plans for drought management and flood preparedness planning (including contingency plans). These latter items should be mentioned in the list of items municipalities are expected to develop (Section 4.2.10.2).

The GP acknowledges the role that municipalities play in tackling climate change, by requiring the development of policies related to climate change in their Official Plans. Conservation Authorities can assist municipalities by addressing climate change and/or helping municipalities adapt to and mitigate for the impacts of climate change through the implementation of water and land management programs. For example, the role of floodplain management, including the operation of multi-purpose dams and reservoirs for flood control and low flow augmentation should be part of an overall watershed-wide climate change strategy (Section 3.1).

Risk Assessment

The requirement for municipalities to undertake infrastructure vulnerability risk assessment is a positive step. Conservation Halton can assist member municipalities by providing hydrologic modelling and floodplain mapping and incorporating water management infrastructures such as dams and dykes in risk management assessments.

Optimization Before Capital Expenditure

Section 3.1 of the GP discusses the infrastructure required to support growth. Not all municipalities have funding capability or existing hydraulic capacity in wastewater treatment plants or capacity in receiving water bodies to assimilate waste to accommodate future growth. A statement could be added to Section 3.2.6.2 to encourage municipalities to first consider optimization of existing infrastructure, particularly wastewater treatment plants, to stretch existing capacity and improve wastewater effluent as part of their infrastructure planning. This approach has been quite successful in several municipalities within Ontario; the costs of upgrades to wastewater treatment plants have been avoided and/or delayed significantly, while the effluent quality has improved.

<p>Integrating Infrastructure Cumulative Impacts</p>	<p>Cumulative Impacts CH recommends that any wastewater master plan or equivalent demonstrate that the cumulative impact of wastewater will not negatively impact the quantity and quality of receiving water bodies. Consideration should be given to adding another subsection under Section 3.2.6.2 of the GP to recognize that the cumulative impacts should be identified and managed through watershed planning. CH recommends that the development criteria in Section 2.2 of the NEP reinstate the wording concerning cumulative impacts of development that stated: "the cumulative impact of development will not have serious detrimental effects on the Escarpment environment".</p>
<p>Integrating Infrastructure Natural Heritage Impacts</p>	<p>Natural Heritage Impacts The proposal to add Section 3.2.5.1 (d) to the GP and Section 4.2.1.1 (d) to the GB is welcomed. Consideration should be given to including the requirement to have a strategy for mitigating and compensating for the loss of key natural heritage features, key hydrologic features, or key hydrologic areas.</p>
<p>Integrating Infrastructure Planning for Sewage and Water</p>	<p>Planning for Sewage and Water Section 4.2.2 of the GB references Section 3.2.6 of the GP which acknowledges that planning for sewage and water infrastructure be informed by watershed planning. This is strongly supported by CH. Section 4.2.3 of the GB addresses Stormwater Management. In particular, Section 4.3.2.3 refers to the prohibition of stormwater management ponds except in certain areas provided they are a minimum of 30m away from the edge of the river/stream. Areas that are regulated by CH may extend well beyond 30m (e.g. floodplains, shorelines). Other legislation may apply and adding the words "subject to municipal and other agency planning requirements and conservation authority regulatory requirements" would acknowledge this.</p>
<p>Improving Plan Implementation Funding and Support</p>	<p>Conservation Ontario has provided comments on Plan Implementation which CH supports. Specifically, several recommendations included in the Crombie Panel report would help support effective and consistent planning. These include:</p> <ul style="list-style-type: none"> o A provincial Secretariat to facilitate and coordinate implementation of the Provincial Plans; o An Oversight Forum to monitor and report on implementation and deliver public education about the Provincial Plans; o Provincial Programs with consistent long-term funding for conservation land securement, restoration, stewardship, etc. <p>In addition, CH supports the following:</p> <ul style="list-style-type: none"> o Specific Practitioners Guidance letters issued by the Province to assist with implementation and interpretation; o Technical bulletins/guidelines for watershed planning, natural heritage and water system development, and mapping; o Approaches to reduce time and cost burdens placed on municipalities and Conservation Authorities to defend Provincial policies at the OMB.
<p>Improving Plan Implementation Plan Hierarchy</p>	<p>The NEP states that "this Plan is not intended to limit the ability of municipal official plans, secondary plans and by-laws to set standards and policies that are more stringent than the requirements of the NEP, unless doing so would conflict with the NEP" (Section 1.1.1). In addition, Section 2.2 states that "where policies or standards of other public agencies/bodies or levels of government exceed the policies related to key natural heritage features or key hydrologic features in this Plan, such as may occur with habitat of endangered species and threatened species under the Endangered Species Act, 2007, with natural hazards where section 28 regulations of the Conservation Authorities Act apply, or with fisheries under the Federal Fisheries Act, the most restrictive provision or standard applies. it recognizes that more stringent standard and policies." The Province is encouraged to use similar language in the GP and the GB, where appropriate.</p>
<p>Improving Plan Implementation Culture of</p>	<p>A "culture of conservation" should be cultivated within the Provincial Plans. Consideration should be given to providing more funding support to municipalities, Conservation Authorities and non-traditional partnerships for managing waste, encouraging stewardship activities for natural heritage restoration, implementing best management practices and delivering educational programs for stormwater management.</p>

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water conservation, parks, urban stewardship, etc. Collaborations like NEPOSS should be encouraged by the Province.

Definitions and Terminology

Tremendous effort has been made to better harmonize the four Provincial Plans to ensure that terminology and definitions are more congruent. There are opportunities to provide more consistency. For example, while the terms are used in both the GB and GP, they may be defined in one plan and not the other (e.g. intermittent streams, ground water features, natural heritage system, etc). In addition, there are small differences in some definitions and variances in style which may lead to inconsistent interpretation. If there is a policy reason for differences in wording (e.g. between some of the NEP definitions), it would be informative to note that difference within the specific Plan definitions. In addition, terms that are used in the Provincial Plans may have different definitions under other pieces of provincial legislation. Technical bulletins regarding definitions and interpretation as well as acknowledgement to where terms may be different in other pieces of legislation which may apply to lands affected by the four Provincial Plans would be helpful in this regard.

Opportunities for Further Harmonization

The Provincial Plans have made efforts to align updates with other concurrent initiatives such as the Great Lakes Strategy, 2014, the Great Lakes Protection Act, 2015, Climate Change Strategy, 2015. There are further opportunities to align the Provincial Plans with the Source Protection Act policies approved under the Clean Water Act as well as through the development and review of provincial initiatives such as the Excess Soils Framework, Wetlands Conservation Strategy, Ontario Municipal Board review and the Conservation Authorities Act review. Conservation Halton is actively involved in these reviews and looks forward to continuing dialogue in this regard.

Measuring Performance

Performance assessment plays an important role in evaluating plan effectiveness and informing further policy direction. It is important that performance measures be reliable, easy to understand and use, and based on accessible data that can be standardized across Plans. To increase the efficiency and effectiveness of monitoring, it is suggested that further dialogue be carried out among municipalities and agencies to build on existing monitoring efforts (e.g., Conservation Authority watershed report cards) and ensure that appropriate resources are allocated for this important component.

Theme
Conservation

Improving Plan Implementation
Definitions and Terminology

Improving Plan Implementation
Opportunities for Further Harmonization

Improving Plan Implementation
Measuring Performance

From: [Karen Landry](#)
To: [Nina Lecic](#)
Subject: FW: City of Belleville Resolution from September 26, 2016
Date: September-30-16 8:33:35 AM
Attachments: [Municipal Resolution - Supporting Agricultural Experts.pdf](#)

From: Henderson, Nicole [<mailto:nhenderson@city.belleville.on.ca>]

Sent: Thursday, September 29, 2016 3:41 PM

To: 'dack@ntl.sympatico.ca'; 'david.cribbs@county-lambton.on.ca'; 'dbrunke@bellnet.ca'; 'dclermont@dawneuphemia.on.ca'; 'debbie.crowder@muskoka.on.ca'; 'denise.corry@huntsville.ca'; 'deputyclerk@town.ignace.on.ca'; 'devans@goderich.ca'; 'dewilson@tillsonburg.ca'; 'dholmes@melancthontownship.ca'; 'dina.lundy@erin.ca'; 'diorfida@niagarafalls.ca'; 'dirwin@oro-medonte.ca'; 'dkincaid@dryden.ca'; 'dleitch@centralelgin.org'; 'dleroux@town.uxbridge.on.ca'; 'dluker@tiny.ca'; 'dmacleod@zorra.on.ca'; 'dmckinstry@twpec.ca'; 'dmctavish@enniskillen.ca'; 'dnewhook@mindenhills.ca'; 'donnab@wellington.ca'; 'dplumley@kos.net'; 'drogers@carletonplace.ca'; 'dscissons@petawawa.ca'; 'dtreen@temiskamingshores.ca'; 'dturcot@markstay-warren.ca'; 'dwightmctaggart@larderlake.ca'; 'earthurs@cavanmonaghan.net'; 'ecovey@frontofyonge.com'; 'eeichenbaum@haldimandcounty.on.ca'; 'ehamel@deseronto.ca'; 'elklake@ntl.sympatico.ca'; 'email@huronshores.ca'; 'englehrt@ntl.sympatico.ca'; 'evanturelclerk@parolink.net'; 'flamanna@eastwillimbury.ca'; 'g.scharback@southhuron.ca'; 'gabrielle.lecuyer@greenstone.ca'; 'general@strathroy-caradoc.ca'; 'ggirven@hbmtwp.ca'; 'gilesp@tbaytel.net'; 'gillies@tbaytel.net'; 'gjackson@orillia.ca'; 'gkosch@wellesley.ca'; 'harlytwp@parolink.net'; 'harris@parolink.net'; 'hcmclerkmreith@gmail.com'; 'hdowd@notl.org'; 'heather.boyd@brant.ca'; 'hfinn@cornwall.ca'; 'hkasprick@kenora.ca'; 'hlambe@bancroft.ca'; 'hmorrison@georgianbluffs.on.ca'; 'hscott@osmtownship.ca'; 'hsoady-easton@town.grimsby.on.ca'; 'icook@highlandseast.ca'; 'info@admastonbromley.com'; 'info@assignack.ca'; 'info@brockton.ca'; 'info@chisholm.ca'; 'info@clarington.net'; 'info@fauquierstrickland.com'; 'info@georgina.ca'; 'info@loyalist.ca'; 'info@mattawa.ca'; 'info@sdgcounties.ca'; 'info@southeriverontario.com'; 'info@whiteriver.ca'; 'info@whitewaterregion.ca'; 'isabel.leung@townofws.ca'; 'jackiet@northmiddlesex.on.ca'; 'jallen@latchford.ca'; 'jamini@frontenaccounty.ca'; 'jaremy.hpayne@bellnet.ca'; 'jastrologo@kingsville.ca'; 'jbaranek@twp.stclair.on.ca'; 'jbellchamberglazier@perthcounty.ca'; 'jboggs@townofparrysound.com'; 'jbolognone@cityofkingston.ca'; 'jburns@villageofpointedward.com'; 'jcohen@bellnet.ca'; 'jconnor@ramara.ca'; 'jdenkers@brookealvinston.com'; 'jgunby@gbtownship.ca'; 'jhannam@thunderbay.ca'; 'jhutton@countyofrenfrew.on.ca'; 'jlecours@hearst.ca'; 'jmccaslin@northdundas.com'; 'jnewitt@southwestmiddlesex.ca'; 'jocelyne.pronovost@cochraneontario.com'; 'john.daly@simcoe.ca'; 'john.fior@eastferris.ca'; 'jralph@township.montague.on.ca'; 'jtelfer@shelburne.ca'; 'jthomson@stratfordcanada.ca'; 'julie@cramahetownship.ca'; 'jwilson@townofgrandvalley.ca'; 'kadams@northhuron.ca'; 'Karen.McIsaac@cityofnorthbay.ca'; 'Karyn.Bennett@halton.ca'; 'kasloss@sables-spanish.ca'; 'katie.scott@blindriver.ca'; 'kayla.thibeault@gravenhurst.ca'; 'kballance@ear-falls.com'; 'kbulmer@renfrew.ca'; 'kbunting@middlesex.ca'; 'kcasselman@prescott.ca'; 'kcostello@smithsfalls.ca'; 'kevinh@quintewest.ca'; 'kgreaves@lanarkcounty.ca'; 'kkitteringham@markham.ca'; 'kkruger@norwich.ca'; Karen Landry; 'kmcllwain@carlingtownship.ca'; 'kmoyle@king.ca'; 'kokane@centrewellington.ca'; 'kschlueter@woolwich.ca'; 'kshipclark@gananoque.ca'; 'kstevenson@trentlakes.ca';

'ksurerus@hamiltontownship.ca'; 'kwallace@wellington-north.com'; 'kwhite@pecounty.on.ca'

Subject: FW: City of Belleville Resolution from September 26, 2016

Subject: City of Belleville Resolution from September 26, 2016

Good Afternoon,

Please find attached, Belleville City Council's resolution in support of agricultural experts.

Thank you for your consideration.

-Nicole.

N. Henderson

Council Services Assistant

Corporate Services - City of Belleville

(613) 967-3200 Ext. 3253

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CORPORATE SERVICES DEPARTMENT
TELEPHONE 613-968-6481
FAX 613-967-3206

City of Belleville

169 FRONT STREET
BELLEVILLE, ONTARIO
K8N 2Y8

September 28, 2016

Lisa Thompson, MPP
Huron-Bruce
Room 425, Main Leg Bldg, Queen's Park
Toronto, ON, M7A 1A8

Dear Ms. Thompson:

**RE: Municipal Resolution on Supporting Agricultural Experts in
 Their Fields
 Motions
 11.1, Belleville City Council Meeting, September 26, 2016**

This is to advise you that at the Council Meeting of September 26, 2016, the following resolution was approved.

“WHEREAS, Ontario-grown corn, soybean and wheat crops generate \$9 billion in economic output and are responsible for over 40,000 jobs; and

WHEREAS, Ontario farmers are stewards of the land and understand the importance of pollinators to our environment and ecosystems; and

WHEREAS, the Ontario government is implementing changes to ON Reg. 63/09 that would prevent any Certified Crop Advisor (CCA) from carrying out a pest assessment if they receive financial compensation from a manufacturer or retailer of a Class 12 pesticide; and

WHEREAS, Ontario's 538 Certified Crop Advisors who are capable of and willing to conduct pest assessments will be reduced to 80 should the proposed changes to the definition of professional pest advisor be implemented in August 2017 and

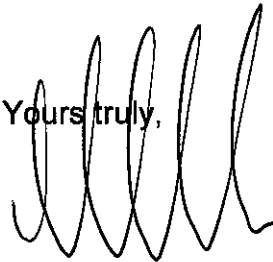
WHEREAS, the reduction in CCAs would force corn and soybean farmers to terminate the relationships that they have built with experts that understand their unique crop requirements, soil types, and field conditions, placing undue delays on planting crops;

THEREFORE, be it resolved that the Council of The Corporation of the City of Belleville supports the efforts of the Member of Provincial Parliament for Huron-Bruce to eliminate barriers to employment opportunities for CCAs, and allow Ontario farmers the freedom to engage in business with the expert of their choice; and

THAT a copy of this resolution be forwarded to all Members of Provincial Parliament, municipalities, and AMO."

I trust this is sufficient.

Yours truly,

A handwritten signature in black ink, appearing to read 'Matt MacDonald', written in a cursive style.

Matt MacDonald
Acting Director of Corporate Services/City Clerk

MMacD/nh
Pc: Todd Smith, MPP, Prince Edward-Hastings

From: [Karen Landry](#)
To: [Nina Lecic](#)
Subject: FW: Communication to Council: Street Lighting
Date: October-05-16 3:34:05 PM
Attachments: [lighting.txt](#)

From: Better Light RASCTO [<mailto:betterlight@rascto.ca>]
Sent: Wednesday, October 05, 2016 12:21 PM
To: Karen Landry
Subject: Communication to Council: Street Lighting

Dear Karen Landry,

Greetings from the Royal Astronomical Society of Canada. The RASC is Canada's leading astronomy organization, with over 5000 amateurs, educators and professionals. The volunteer members of our 28 Centres, many in Ontario, offer outreach and award-winning science education programs across Canada.

We are very concerned about light pollution in our communities. As observers of the night sky, we are among the first to notice the impact of light on our communities. However, the effects of light pollution extend to health issues for all citizens, environmental issues for wildlife, and the negative impact on climate through higher than necessary energy use through over-lighting.

Many communities are considering the switch to LED lighting with a view to reducing the use of electricity. Depending on the design of the lighting, this can result in reduced light pollution or significantly worse light pollution.

We have attached an information sheet on light pollution. We would respectfully request that this be treated as a 'communication to council' and included in the minutes of your council meetings.

You are welcome to contact us for more information:
<http://rasc.ca/light-pollution-abatement>
An international organization on light pollution is here:
<http://darksky.org/>

Best regards,

Peter Hiscocks

Chair of the Committee on Light Pollution
Royal Astronomical Society of Canada, Toronto Chapter

From: [Karen Landry](#)
To: [Nina Lecic](#)
Subject: FW: Ontario is reviewing the Ontario Municipal Board
Date: October-05-16 4:24:29 PM

From: OMBReview (MMA) [<mailto:OMBReview@ontario.ca>]

Sent: Wednesday, October 05, 2016 1:42 PM

To: ewargel@adjtos.ca; rob.ford@ajax.ca; alberton@jam21.net; mdaigneault@alfred-plantagenet.com; abird@algonquinhighlands.ca; tkorotki@ahtwp.ca; township@amaranth-eastgary.ca; jmiceli@amherstburg.ca; clerk@armourtownship.ca; mwildman@arnprior.ca; clerk@acwtownship.ca; sfournier@asphodelnorwood.com; clerktreasurer@amtelecom.net; athens@myhighspeed.ca; angela.sharbot@atikokan.ca; pmercier@augusta.ca; p.moyle@aurora.ca; jreynaert@town.aylmer.on.ca; hlambe@bancroft.ca; cladd@barrie.ca; pshipway@bayham.on.ca; cmoyle@twp.beckwith.on.ca; rkester@city.belleville.on.ca; rmordue@blandfordblenheim.ca; katie.scott@blindriver.ca; g.long@town.bluewater.on.ca; peter@ebonfield.org; bryanm@eganville.com; jisison@bracebridge.ca; gmcknight@townofbwg.com; marilyn.ball@brampton.ca; paul.emerson@brant.ca; grae@brantford.ca; lselman@brighton.ca; Thom Gettinby (tgettinby@townshipofbrock.ca); mgaynor@brockton.ca; bcasselman@brockville.com; jdenkers@brookealvinston.com; kcoulter@brucecounty.on.ca; james.ridge@burlington.ca; mike.Galloway@caledon.ca; mpurcell@callander.ca; dykeg@cambridge.ca; pknowles@carletonplace.ca; cao@carlingtownship.ca; clerk@carlowmayo.ca; mdupuis@casselman.ca; yhurley@cavanmonaghan.net; dleitch@centralelgin.org; jzimmerman@centralfrontenac.com; cao@centralhuron.com; centralm@amtelecom.net; cmartin@centrehastings.com; agoldie@centrewellington.ca; paula.knudsen@champlain.ca; apellow@chapleau.ca; chapple@tbaytel.net; don.shropshire@chatham-kent.ca; wmoore@chatsworth.ca; hcollier@clarence-rockland.com; fwu@clarington.net; ssage@clearview.ca; cobalt@ntl.sympatico.ca; speacock@cobourg.ca; jp.ouellette@cochraneontario.com; jbrown@collingwood.ca; conmee@tbaytel.net; dbrown@cornwall.ca; dan@cramahetownship.ca; dclermont@dawneuphemia.on.ca; rmcgee@deeperiver.ca; ehamel@deseronto.ca; davec@dourodummer.on.ca; generalinquiries@dryden.ca; spritchard@dufferincounty.ca; cao@durham.ca; cao@duttondunwich.on.ca; twilbee@dysartetal.ca; kballance@ear-falls.com; john.fior@eastferris.ca; suestone@amaranth-eastgary.ca; twebster@eastgwillimbury.ca; jcarswell@ezt.ca; dmckinstry@twpec.ca; mmcdonald@elgin.ca; yrobert@elizabethtown-kitley.on.ca; rdebortoli@city.elliottlake.on.ca; township@emo.ca; srenaud@ntl.sympatico.ca; kathryn.ironmonger@erin.ca; ctownsend@espanola.ca; gmurphy@essatownship.on.ca; dhunter@essex.ca; bgregg@countyofessex.on.ca; bobc@vianet.ca; tkuchyt@forterie.on.ca; mmccaig@fort-frances.com; kpender@frontenacounty.ca; dplumley@kos.net; sevans@gananoque.ca; diannesayer3@hotmail.com; lkennard@gbtownship.ca; hmorrison@georgianbluffs.on.ca; wgrant@georgina.ca; lmccabe@goderich.ca; clerk@gordonbarrieisland.ca; aclarke@gorebay.ca; dave.weldon@gravenhurst.ca; cao@greatermadawaska.com; rcallery@greaternapanee.com; caroline.hallsworth@greatersudbury.ca; administration@greenstone.ca; sharon.vokes@grey.ca; bestd@greyhighlands.ca; psusnyar@grimsby.ca; CAO@guelph.ca; iroger@get.on.ca; dboyle@haldimandcounty.on.ca; mutter@county.haliburton.on.ca; jane.maccaskill@halton.ca; BrentM@haltonhills.ca; Chris.Murray@hamilton.ca; aanderson@hamiltontownship.ca;

btocheri@hanover.ca; pinej@hastingscounty.com; pkemp@hbmtwp.ca; twpshcm@xplornet.com;
ymorrisette@hearst.ca; sstocraig@highlandseast.ca; royward.hpayne@bellnet.ca;
mmclaren@hortontownship.ca; denise.corry@huntsville.ca; inquiries@huroncounty.ca;
debbie@huronshores.ca; info@huronkinloss.com; wtigert@ingersoll.ca; jreynar@innisfil.ca;
mlarose@iroquoisfalls.com; johnsontwp@bellnet.ca; yves.labelle@kapuskasing.ca;
jpyle@city.kawarthalakes.on.ca; kbrown@kenora.ca; lhudder@khrtownship.ca; cao@kincardine.net;
splamondon@king.ca; ghunt@cityofkingston.ca; pvmwest@kingsville.ca; nancy.allick@tkl.ca;
jeff.willmer@kitchener.ca; M.Percival@lakeofbays.on.ca; kforan@lakeshore.ca;
ron.vanhorne@county-lambton.on.ca; kwilliams@lambtonshores.ca; kgreaves@lanarkcounty.ca;
rbunker@lanarkhighlands.ca; dwightmctaggart@larderlake.ca; kmiller@town.lasalle.on.ca;
cao@laurentianhills.ca; dsauriol@lvtownship.ca; pneufeld@leamington.ca;
mavramovic@townshipleeds.on.ca; lkeech@lennox-addington.on.ca;
clerk@township.limerick.on.ca; mkirkepoulos@lincoln.ca; azuidema@london.ca;
rreymer@lucanbiddulph.on.ca; twpmacd@onlink.net; bpaulmachar@vianet.ca;
ckelley@madawaskavalley.ca; clerk@madoc.ca; mcasavecchia@malahide.ca;
bmcroberts@mapleton.ca; cao@marathon.ca; ataylor@markham.ca; dturcot@markstay-warren.ca;
r.chittick@marmoraandlake.ca; vanoosten@ntl.sympatico.ca; raymond.belanger@mattawa.ca;
gcolombe@ntl.sympatico.ca; drushton@mcdougall.ca; clerk@township.mckellar.on.ca;
dmorrissey@meaford.ca; cao@merrickville-wolford.ca; cao@mdlsx.ca;
smibert@middlesexcentre.on.ca; ctripp@midland.ca; bill.mann@milton.ca;
lblanchard@mindenhills.ca; bwhite@town.minto.on.ca; janice.baker@mississauga.ca;
dsmithson@mississippimills.ca; Mark Early (mark@townofmono.com);
gbarnes@township.montague.on.ca; smacgillivray@moosonee.ca; nmichie@morristurnberry.ca;
mduben@muskoka.on.ca; charris@muskokalakes.ca; nairncentre@personainternet.com;
bholly@newtecumseth.ca; bshelton@newmarket.ca; harry.schlange@niagararegion.ca;
ktodd@niagarafalls.ca; mgalloway@notl.org; lindsaymannila@nipigon.net;
admin@nipissingtownship.com; keith.robicheau@norfolkcounty.ca; Lea.Janisse@cityofnorthbay.ca;
amcneely@northdumfries.ca; arutley@northdundas.com; cao@northfrontenac.ca;
danielgagnon@northglengarry.ca; bcarre@northgrenville.on.ca; schambers@northhuron.ca;
s.hunter@northkawartha.on.ca; marshap@northmiddlesex.on.ca; KSnell@northperth.ca;
mchenier@northstormont.ca; dwilliamson@townofnemi.on.ca; billjones.nbp@eastlink.ca;
moorej@northumberlandcounty.ca; kkruger@twp.norwich.on.ca; rgreen@oakville.ca;
twpoconn@tbaytel.net; peggy.dupuis@oliverpaipoonge.on.ca; rschwarzer@orangeville.ca;
gjackson@orillia.ca; rdunn@oro-medonte.ca; bhendry@oshawa.ca; ejrath@osmtownship.ca;
Kent.Kirkpatrick@ottawa.ca; writchie@owensound.ca; rmens@townofparrysound.com;
david.szwarc@peelregion.ca; wayne.miller@pelee.ca; dottaway@pelham.ca;
tlapierre@pembroke.ca; twalker@penetanguishene.ca; jderosenroll@perth.ca;
cao@perthcounty.ca; gschwendinger@pertheast.ca; tivanyshyn@perthsouth.ca;
dscissons@petawawa.ca; cao@peterborough.ca; gking@county.peterborough.on.ca;
mbaron@petrolia.ca; cao@pickering.ca; kpratt@plympton-wyoming.ca;
jburns@villageofpointedward.com; cao@portcolborne.ca; sbernardi@porthope.ca;
dbeattie@prescott.ca; spparisien@prescott-russell.on.ca; pgreco@twp.prince.on.ca;
jhepburn@pecounty.on.ca; Karen Landry; charliem@quintewest.ca; yvogan@tbaytel.net;
jmckinnon@ramara.ca; mark.vermette@redlake.ca; cao@shawbiz.ca;
jhutton@countyofrenfrew.on.ca; neil.garbe@richmondhill.ca; mdwyer@twprideaulakes.on.ca;

jeanleduc@russell.ca; admin@ryersontownship.ca; citymanager@sarnia.ca;
allisonl@saugeenshores.ca; cao.horsman@cityssm.on.ca; cao@schreiber.ca; dgordon@scugog.ca;
tstockie@seguin.ca; lavalley@nexicom.net; hsander@townshipofsevern.com;
jtelfer@townofshelburne.on.ca; pgreenwood@shuniah.org; mark.aitken@simcoe.ca;
cao@siouxlookout.ca; wkabel@snnf.ca; mmorris@smithsfalls.ca; luc.denault@townsrf.ca;
clerk@southalgonquin.ca; [kreinhart@town.southbruce.on.ca](mailto:kreinhardt@town.southbruce.on.ca); tsbadministrator@bmts.com;
sgeraghty@southdundas.com; worr@southfrontenac.net; bryan@southglengarry.com;
cao@southhuron.ca; info@southernriverontario.com; betty@southstormont.ca;
dmilliner@southgate.ca; cao@swox.org; cao@southwold.ca; pamlortie@townofspanish.com;
robert.brindley@springwater.ca; dcarnegie@stcatharines.ca; renee.chaperon@stcharlesontario.ca;
jrodey@twp.stclair.on.ca; wgraves@stthomas.ca; cao@stirling-rawdon.com;
bbrooks@stonemills.com; Tim Simpson (tsimpson@sdcgcounties.ca); rshaw@stratfordcanada.ca;
roco@strathroy-caradoc.ca; lsfowler@sundridge.ca; rlamb@tay.ca; cao@tayvalleytwp.ca;
thaddad@tecumseh.ca; CAO@temagami.ca; coslund@temiskamingshores.ca; cao@terracebay.ca;
sfindlater@thamescentre.on.ca; skaegi@thearchipelago.on.ca; tspeck@thebluemountains.ca;
mmccuaig@nationmun.ca; adm@thorold.com; Gale, Norman (Thunder Bay);
dcalder@tillsonburg.ca; cao@timmins.ca; pwallac@toronto.ca; lynn.phillips@trenthills.ca; loneill-jackson@trentlakes.ca; plb@twp.tweed.on.ca; clerk@tyendinagatownship.com;
isvelnis@town.uxbridge.on.ca; administration@valharty.ca; steve.kanellakos@vaughan.ca;
rmadere@wainfleet.ca; afletcher@warwicktownship.ca; cao@wasagabeach.com;
mmike@region.waterloo.on.ca; tim.anderson@waterloo.ca; cwray@wawa.cc;
citymanager@welland.ca; rlouwagie@wellesley.ca; scottw@wellington.ca; mgivens@wellington-north.com;
sgawley@westelgin.net; ladams@westgrey.com; ccarter@westlincoln.ca;
jbarbeau@westnipissing.ca; sduke@westperth.com; petrier@whitby.ca; rob.raycroft@townofws.ca;
info@whiteriver.ca; treasurer@whitestone.ca; cfitzsimons@whitewaterregion.ca;
grant.whittington@wilmot.ca; caodept@city.windsor.on.ca; dcreery@cityofwoodstock.ca;
dbrenneman@woolwich.ca; bruce.macgregor@york.ca; dmacleod@zorra.on.ca

Subject: Ontario is reviewing the Ontario Municipal Board

The Ministry of Municipal Affairs and the Ministry of the Attorney General are undertaking a review of the scope and effectiveness of the Ontario Municipal Board (OMB) to improve its role within the land use planning system.

We would like to thank those who participated in the initial consultation on key themes for the OMB Review – your input has contributed to the development of the ideas for reform and will be given careful consideration as the Review moves forward.

A consultation document intended to help facilitate discussion is available online at <http://www.mah.gov.on.ca/Page15027.aspx>. The document includes:

- overview information about the OMB and its role in the land use planning system
- possible changes to improve the scope and effectiveness of the OMB for your review and input
- questions for your consideration, and
- information on how to provide comments.

We will be accepting input and feedback on the questions outlined in the consultation document until December 19, 2016.

As part of the OMB review, the government would also like to invite you to attend a regional town hall session. The government will be holding these sessions across the province to get input from the public, municipalities, Indigenous communities and organizations, and stakeholders on possible changes being considered to improve the role of the OMB within the land use planning system.

Please visit the Ministry of Municipal Affairs webpage (ontario.ca/OMBReview) for the most up-to-date consultation schedule and details.

Further information about the OMB Review is available online at ontario.ca/OMBReview. You can also visit our posting on the Environmental Bill of Rights Environmental Registry [EBR Registry No.: 012-7196] at ebr.gov.on.ca.

Should you have any further questions about the Review or the upcoming regional town hall session, please do not hesitate to contact us by sending an email to OMBReview@ontario.ca or calling 1-855-776-8011.

Objet : L'Ontario examine la Commission des affaires municipales de l'Ontario

Le ministère des Affaires municipales et le ministère du Procureur général ont entrepris l'examen de la portée et de l'efficacité de la Commission des affaires municipales de l'Ontario (CAMO) afin d'améliorer son rôle dans le système d'aménagement du territoire.

Nous aimerions remercier tous ceux et celles qui ont participé à la consultation initiale sur les principaux sujets en vue de l'examen du rôle de la CAMO. Vos observations ont contribué à élaborer les propositions de réforme et seront soigneusement prises en considération au cours de l'examen.

Un document de consultation visant à faciliter la discussion peut être consulté en ligne à <http://www.mah.gov.on.ca/Page15071.aspx>. Ce document inclut ce qui suit :

- brève description de la CAMO et de son rôle dans le système d'aménagement du territoire;
- changements éventuels à apporter pour améliorer la portée et l'efficacité de la CAMO;
- questions auxquelles vous pouvez répondre;
- renseignements sur la façon de faire connaître votre avis.

Nous accepterons les commentaires et réponses aux questions posées dans le document de consultation jusqu'au 19 décembre 2016.

Dans le cadre de l'examen du rôle de la CAMO, le gouvernement aimerait également

vous inviter à prendre part à une assemblée publique régionale. Le gouvernement tiendra des assemblées un peu partout dans la province afin d'obtenir l'avis du public, des municipalités, des communautés et organismes autochtones ainsi que des intervenants sur les changements possibles que la province songe à apporter pour améliorer le rôle de la CAMO dans le système d'aménagement du territoire.

Veillez consulter la page Web du ministère des Affaires municipales (ontario.ca/examendelacamo) pour connaître l'horaire et obtenir les plus récents renseignements concernant la consultation.

Pour des précisions sur l'examen du rôle de la CAMO, veuillez consulter la page située à ontario.ca/examendelacamo. Vous pouvez aussi consulter l'avis que nous avons publié dans le Registre environnemental [numéro d'avis 012-7196] à www.ebr.gov.on.ca.

Pour toute question concernant l'examen ou les assemblées publiques régionales, n'hésitez pas à communiquer avec nous par courriel à OMBReview@ontario.ca ou par téléphone au 1 855 776-8011.

From: [Karen Landry](#)
To: [Nina Lecic](#)
Subject: FW: Resolution regarding parole system and Bill 21, Private Members Bill
Date: October-07-16 9:49:17 AM
Attachments: [Private Members Bill.pdf](#)

From: Madawaska Valley [<mailto:info@madawaskavalley.ca>]
Sent: October-07-16 8:28 AM
To: gdombroski@madawaskavalley.ca
Subject: FW: Resolution regarding parole system and Bill 21, Private Members Bill

Good Morning:

At the Regular Council Meeting on Monday, October 3, 2016, Council supported the following Private Members Bill, and request your support of their resolution. If you have any questions please contact,

Gwen Dambroski,

Executive Assistant/Communications Coordinator
Township of Madawaska Valley
Box 1000, 85 Bay Street
Barry's Bay, Ontario K0J 1B0
613-756-2747 ext. 212
gdombroski@madawaskavalley.ca



**THE CORPORATION OF THE TOWNSHIP
OF MADAWASKA VALLEY**

P.O. Box 1000

85 Bay Street

Barry's Bay ON K0J 1B0

Ph 613-756-2747 Fax 613-756-0553

info@madawaskavalley.ca

Moved by: Mayor Love

15-0310-16

Seconded by: Councillor Archer

03 October 2016

BE IT RESOLVED

WHEREAS: The safety of victims of sexual violence and/or domestic violence should be a priority for all levels of government in Canada, and

WHEREAS: The intent of a certificate of parole is to set out the conditions under which an inmate may be granted parole, and

WHEREAS: By signing a certificate of parole the inmate indicated that they agree to abide by the conditions contained therein; and

WHEREAS: The electronic monitoring of parolees convicted of an offence of sexual violence and/or an offence of domestic violence would facilitate compliance with the conditions of parole and provide some peace of mind for the victims of these crimes,

THEREFORE BE IT RESOLVED

THAT the Council of the Township of Madawaska Valley supports the changes to the parole system proposed in the Private Member's Bill put forward by the Honourable John Yakabuski, MPP for Renfrew Nipissing Pembroke, and submitted as Bill 21, An Act to amend the Ministry of Correctional Services Act in respect of parole,

AND THAT a copy of this resolution of support be sent to the Honourable Kathleen Wynne, Premier of Ontario, the Honourable David Orazietto, Minister of Community Safety & Correctional Services, Mr. Patrick Brown, Leader of the Progressive Conservative Party, Ms. Andrew Horwath, Leader of the New Democratic Party, and all Members of Provincial Parliament in the Province of Ontario; and

THAT a copy of this resolution of support be sent to the Association of Municipalities of Ontario (AMO), and to all Ontario municipalities for consideration.

X CARRIED.



Craig Kelley, CAO/Clerk

From: [Karen Landry](#)
To: [Nina Lecic](#)
Subject: FW: What does an Accessible Canada mean to you? Qu'est-ce qu'un Canada accessible pour vous?
Date: October-10-16 9:54:00 AM
Attachments: [Article for Stakeholders.docx](#)
[Courriel qui sera envoy  par les intervenants   leur r seau \(2\).docx](#)
[Dates et lieux pr vus.docx](#)
[Email to be sent by stakeholders to their network.docx](#)
[Etapes de l'affichage dun bouton.docx](#)
[In-Person Consultation Poster for VenueFinal - F.docx](#)
[In-Person Consultation Poster for VenueFinal.docx](#)
[Medias sociaux_final.docx](#)
[Social Media_final.docx](#)
[Planned Locations and Dates \(3\).docx](#)
[Steps for org to post image.docx](#)
[Trousse de sensibilisation Article.docx](#)
[image001.png](#)
[image002.png](#)

From: Accessibility Directorate of Ontario [<mailto:accessibility@ontario.ca>]

Sent: Thursday, September 29, 2016 3:08 PM

To: Karen Landry

Subject: What does an Accessible Canada mean to you? Qu'est-ce qu'un Canada accessible pour vous?

La version fran aise suit le texte anglais. French text follows.

The Government of Canada recently launched a consultation process that will inform the development of planned federal accessibility legislation.

Please find information below on consultations about federal accessibility legislation, including dates, times, and locations of the public sessions.

Please circulate this email and attachments to your contacts.



**Government
of Canada**

**Gouvernement
du Canada**

We need your help to spread the word about the in-person and online consultation process. As a stakeholder, you are our most important partner as we work together towards our collective goal of improving the lives of millions of Canadians with a disability.

Here are some ways you can get involved:

1. Participate in the online consultation by visiting Canada.ca/Accessible-Canada
2. [Find an in-person consultation near you](#) and
3. Spread the word on the consultation process – by sending a tweet, creating a video, or writing a blog.

We have attached several products that you can use to help raise awareness and inform your partners and members, including:

- an email to share with your members;
- an article that can be used in newsletters;
- social media content;
- web buttons (customizable upon request);
- a poster you can put up in your office and community; and

a list of in-person locations and dates.

We also have several tools that can help you promote accessibility in your communities and workplaces, including:

- a [Guide to Planning Inclusive Meetings](#);
- information on [Government of Canada disability benefits](#); and
- the [Accessibility Resource Centre](#).

Canadians can share their views online or in person, by email, mail, fax or telephone, or by submitting videos in the language of their choice (English, French, American Sign Language or Langue des signes québécoise).

The consultation website Canada.ca/Accessible-Canada includes an online questionnaire and a schedule of in-person sessions. All consultation materials are available in alternate formats, including American Sign Language and Langue des signes québécoise.

If you would like to pre-register for an in-person session, or to notify us of accommodation needs, please contact the Office for Disability Issues:

Phone: 1-844-836-8126

TTY: 819-934-6649

Fax: 819-953-4797

Email address: accessible-canada@hrsdc.gc.ca

Mailing address:

Consultation – Federal Accessibility Legislation
c/o Office for Disability Issues
Employment and Social Development Canada
105 Hotel-de-ville St., 1st floor, Bag 62
Gatineau QC K1A 0J9

The consultation process will run until February 28, 2017.

For the most up-to-date information please visit Canada.ca/Accessible-Canada

We need your help in reaching as many Canadians as possible. It's only with your collaboration that we can make a historic change which will improve the lives of people with disabilities. Please let us know if you would like additional products to promote the consultation.

Thank you for your help.

Le gouvernement du Canada a récemment lancé un processus de consultation qui contribuera à l'élaboration d'un projet de loi fédérale sur l'accessibilité.

Vous trouverez ci-dessous des renseignements concernant les consultations sur la législation fédérale sur l'accessibilité, y compris la date, l'horaire et le lieu des séances publiques.

Veuillez transférer le présent courriel et les pièces jointes à vos contacts.



Government
of Canada

Gouvernement
du Canada

Nous avons besoin de votre aide pour faire connaître le processus de consultation en personne et en ligne. En tant qu'intervenants, vous êtes nos partenaires les plus importants alors que nous travaillons à l'atteinte de notre objectif commun qui consiste à améliorer la vie de millions de Canadiens qui ont une incapacité.

Vous pouvez participer de l'une des façons suivantes :

1. prendre part à la consultation en ligne en visitant le site Canada.ca/Canada-Accessible
2. [trouver l'endroit d'une consultation en personne près de chez-vous](#)
3. faire connaître le processus de consultation – en envoyant un gazouillis, en créant une vidéo ou en rédigeant un article de blogue.

Nous joignons à ce message plusieurs produits que vous pourrez utiliser pour sensibiliser et informer vos partenaires et membres, notamment :

- un courriel à envoyer à vos membres;
- un article à publier dans un bulletin d'information;
- du contenu pour les médias sociaux;
- des boutons Web (personnalisables sur demande);
- une affiche à installer dans votre bureau et à divers endroits dans votre collectivité;
- une liste des lieux et des dates des séances en personne.

Nous avons également plusieurs ressources qui peuvent vous aider à promouvoir l'accessibilité dans votre collectivité et dans les milieux de travail, notamment :

- le [Guide de planification de réunions inclusives](#);
- des [renseignements sur les prestations d'invalidité du gouvernement du Canada](#);
- le [Centre de ressources sur l'accessibilité](#).

Les Canadiens peuvent soumettre leurs commentaires en ligne ou en personne, par courriel, par courrier, par télécopieur, par téléphone ou par message vidéo dans la langue de leur choix (français, anglais, American Sign Language ou langue des signes québécoise).

Le site Web de la consultation Canada.ca/Canada-Accessible renferme un questionnaire en ligne et présente l'horaire des séances en personne. Tous les documents liés à la consultation sont offerts dans de multiples formats, notamment en American Sign Language et en langue des signes québécoise.

Si vous souhaitez vous inscrire à l'avance pour participer à une session en personne ou encore pour nous avertir si vous avez des besoins en matière d'accessibilité, veuillez communiquer avec le Bureau de la condition des personnes handicapées :

Téléphone : 1-844-836-8126

ATS : 819-934-6649

Télécopieur : 819-953-4797

Courriel : canada-accessible@rhdcc.gc.ca

Adresse postale :

Consultation – Loi fédérale sur l'accessibilité
a/s du Bureau de la condition des personnes handicapées
Emploi et Développement social Canada
105, rue de l'Hôtel-de-Ville, 1er étage, sac 62
Gatineau (Québec) K1A 0J9

Le processus de consultation se terminera le 28 février 2017.

Pour obtenir les renseignements les plus récents sur la consultation, visitez le site Canada.ca/Canada-Accessible

Nous avons besoin de votre aide afin de joindre le plus grand nombre possible de Canadiens. Ce n'est qu'avec votre collaboration que nous parviendrons à réaliser un changement historique qui améliorera les conditions de vie des personnes handicapées. Veuillez nous informer si vous souhaitez obtenir des produits supplémentaires pour promouvoir la consultation.

Nous vous remercions de votre aide.

What does an Accessible Canada mean to you?

In-person consultation sessions are taking place across Canada to inform the development of planned accessibility legislation.

Did you know that approximately 14 percent of Canadians aged 15 years or older reported having a disability that limited them in their daily activities? And that there are approximately 411,000 working-aged Canadians with disabilities who are not working but whose disability does not prevent them from doing so? Almost half of these potential workers are post-secondary graduates.

We all benefit when everyone can participate equally in everyday life. But many Canadians with disabilities and functional limitations face accessibility barriers in their communities and workplaces. That is why the Government of Canada has launched a consultation process that will inform planned accessibility legislation.

All Canadians are encouraged to take part in the consultation process, either by attending an in-person session or by participating in the online consultation. A full list of in-person sessions can be found at Canada.ca/Accessible-Canada. If you would like to pre-register for an in-person session, or to notify us of accommodation needs, please notify the Office for Disability Issues:

Phone: 1-844-836-8126

TTY: 819-934-6649

Fax: 819-953-4797

Email address: accessible-canada@hrsdc.gc.ca

Mailing address: Consultation – Federal Accessibility Legislation
c/o Office for Disability Issues
Employment and Social Development Canada
105 Hotel-de-ville St., 1st floor, Bag 62
Gatineau QC K1A 0J

Canadians are also encouraged to follow @AccessibleGC on Twitter, Accessible Canada on Facebook and to follow the #AccessibleCanada hashtag. The consultation process will run until February 2017.

For the most up-to-date information on in-person venues and dates, and to participate online, please visit Canada.ca/Accessible-Canada.

**Planned Locations and Dates of In-Person Sessions for Consultations to Inform
Planned Accessibility Legislation**

City/Event	Date/Time	Venue
Whitehorse, YK	Thursday Sept 22 Time: 4:00pm to 7:30pm	Westmark Hotel and Conference Centre 201 Wood St, Whitehorse, YT Y1A 2E4 Meeting room: Ballroom
Iqaluit, NU	Saturday Sept 24 Time: 4:00pm to 7:30pm	Frobisher Inn Astro Hill Quickstop, 505 Astro Hill, Iqaluit, NU X0A 0H0 Meeting room: Koojesse North
Yellowknife, NWT	Monday Sept 26 Time: 4:00pm to 7:30pm	Tree of Peace Friendship Centre 5011-51 St, Yellowknife, NT X1A 2P9 Meeting room : Large Boardroom
Regina, SK	Wednesday Sept 28 Time: 4:00pm to 7:30pm	Double Tree Hotel 1975 Broad St, Regina, SK S4P 1Y1 Meeting room: The Capital Ballroom
Winnipeg, MB	Monday Oct 3 Time: 4:00pm to 7:30pm	Delta Hotel by Marriott 350 St. Mary Avenue, Winnipeg, MB R3C 3J2 Meeting room: Delta AB
Edmonton, AB	Friday Oct 7 Time: 9:00am to 12:30pm	Matrix Hotel 10640 100 Ave NW, Edmonton, AB T5J 3N8 Meeting room: Quartz Ballroom
Thunder Bay	Tuesday October 11 Time: 4:00pm to 7:30pm	Italian Cultural Centre 132 Algoma St S, Thunder Bay, ON P7B 3B7 Meeting room: Mediterranean Room
Calgary, AB	Thursday Oct 13 Time: 9:00am to 12:30pm	Telus Convention Centre 120 Ninth Ave SE, Calgary, AB T2G 0P3 Meeting room: Macleod Hall A
Moncton, NB	Thursday Oct 20 Time: 4:00pm to 7:30pm	Moncton Lion's Community Centre 473 St. George St, Moncton, NB E1C 1Y2 Meeting room: Auditorium
St. John's, NL	Thursday Nov 3 Time: : 4:00pm to 7:30pm	The Hampton Inn 411 Stavanger Dr, St. John's, NL A1A 0A1 Meeting room: Coming soon
Victoria, BC	Monday Nov 7 Time: 4:00pm to 7:30pm	Coming soon
Quebec City, QC	Thursday Nov 10 Time: 4:00pm to 7:30pm	Musée national des beaux-arts du Québec 179 Grande Allée Ouest Québec (Québec) G1R 2H1 Meeting room: Salle Multi
Montreal, QC	Wednesday Nov 16 Time: 4:00pm to 7:30pm	Palais des congrès 1001 Place Jean-Paul-Riopelle, Montréal, QC H2Z 1H5 Meeting room: Salle 515
Vancouver, BC	Saturday Nov 26	Vancouver Convention Centre West Building 1055 Canada Pl, Vancouver, BC V6C 0C3 Meeting room: West Meeting Room 109 & 110

City/Event	Date/Time	Venue
	Time: 2:00pm to 5:30pm	
Ottawa, ON	Wednesday Nov 30 Time: 4:00pm to 7:30pm	Canadian War Museum, 1 Vimy Place (LeBreton Flats), Ottawa, ON K1A 0M8 Meeting room: Barney Danson Theatre
Charlottetown, PEI	Thursday Dec 8 Time: 4:00pm to 7:30pm	Murphy's Community Centre 200 Richmond St, Charlottetown, PE C1A 1J2 Meeting room: Auditorium
Halifax, NS	Friday Dec 9 Time: 4:00pm to 7:30pm	Canadian Museum of Immigration at Pier 21, 1055 Marginal Rd, Halifax, NS B3H 4P7 Meeting room: Kenneth C. Rowe Hall
Toronto, ON	Wednesday Feb 8 Time: 4:00pm to 7:30pm	Coming soon

Note: Dates and locations are subject to change. Please consult Canada.ca/Accessible-Canada for the most up-to-date information.

From:
To:

Monica Hawkins

"clerk@addingtonhighlands.ca"; "info@adelaidemetcalfe.on.ca"; "lkeenan@adjtos.ca";
"info@admastonbromley.com"; "Martin.derond@ajax.ca"; "alberton@jam21.net"; "mdaigneault@alfred-
plantagenet.com"; "info@algonquinhighlands.ca"; "alnhald@alnwickhaldimand.ca"; "township@amaranth-
eastgary.ca"; "inquiry@amherstburg.ca"; "info@armourtownship.ca"; "reynald.rivard@armstrong.ca";
"arnprior@arnprior.ca"; "areld@bmts.com"; "clerk@acwtownship.ca"; "bbonisteel@asphodelnorwood.com";
"assignackinfo@amtelecom.net"; "athens@myhighspeed.ca"; "info@atikokan.ca"; "apotter@augusta.ca";
"info@aurora.ca"; "nirving@town.aylmer.on.ca"; "peggy@baldwin.ca"; "bancroft@bancroft.ca";
"cityinfo@barrie.ca"; "bayham@bayham.on.ca"; "cmoyle@twp.beckwith.on.ca"; "cpallo@city.belleville.on.ca";
"billingsadmin@billingstwp.ca"; "reception@blackriver-matheson.com"; "generalmail@blandfordblenheim.ca";
"katie.scott@blindriver.ca"; "bluewater@town.bluewater.on.ca"; "clerk@ebonfield.org"; "admin@eganville.com";
"lmcDonald@bracebridge.ca"; "rmurphy@townofbwg.com"; "peter.fay@brampton.ca"; "brant@brant.ca";
"wolfe@brantford.ca"; "brethour@parolink.net"; "gfrost@brighton.ca"; "brock@townshipofbrock.ca";
"info@brockton.ca"; "info@brockville.com"; "info@brookealvinston.com"; "bcobean@brucecounty.on.ca";
"brucemines@bellnet.ca"; "info@blrtownship.ca"; "clerk@burksfalls.ca"; "cob@burlington.ca";
"burpeemills@vianet.ca"; "info@caledon.ca"; "info@callander.ca"; "administration@calvintownship.ca";
"questions@cambridge.ca"; "info@carletonplace.ca"; "admin@carlingtownship.ca"; "clerk@carlowmayo.ca";
"harlytwp@parolink.net"; "info@casselmann.ca"; "dleitth@centralelgin.org"; "township@centralfrontenac.com";
"info@centralhuron.com"; "centralm@amtelecom.net"; "clerksoffice@centrehastings.com";
"kokane@centrewellington.ca"; "treasurerofchamberlain@ontera.net"; "info@champlain.ca";
"apellow@chapleau.ca"; "chapple@tbaytel.net"; "dack@ntl.sympatico.ca"; "CKclerk@chatham-kent.ca";
"office@chatsworth.ca"; "info@chisholm.ca"; "mouellet@clarence-rockland.com"; "info@clarington.net";
"pffet@clearview.ca"; "cobalt@ntl.sympatico.ca"; "webmaster@cobourg.ca";
"jp.ouellette@cochraneontario.com"; "brentstedenis@gmail.com"; "toc@ontera.net"; "townhall@collingwood.ca";
"conmee@tbaytel.net"; "cityhall@cornwall.ca"; "dan@cramahetownship.ca"; "admin@dawneuphemia.on.ca";
"dawsontwp@tbaytel.net"; "townmail@deeperiver.ca"; "msampson@amcto.com"; "ehamel@deseronto.ca";
"ffice@doriontownship.ca"; "info@dourodummer.on.ca"; "admin@dnetownship.ca";
"generalinquiries@dryden.ca"; "township@dubreuilville.ca"; "info@dufferincounty.ca"; "clerks@durham.ca";
"cao@duttondunwich.on.ca"; "twilbee@dysartetal.ca"; "efftownship@ear-falls.com"; "municipality@eastferris.ca";
"township@amaranth-eastgary.ca"; "town@eastwillimbury.ca"; "Irozon@easthawkesbury.ca"; "ezt@ezt.ca";
"mail@twpec.ca"; "mcdonald@elgin-county.on.ca"; "mail@elizabethtown-kitley.on.ca";
"info@city.elliottlake.on.ca"; "township@emo.ca"; "engleht@ntl.sympatico.ca"; "dmctavish@enniskillen.ca";
"connie.cox@erin.ca"; "town@espanola.ca"; "bsander@essatownship.on.ca"; "cbondy@essex.ca";
"coeinfo@countyofessex.on.ca"; "evantureladmin@parolink.net"; "office@faraday.ca";
"info@fauquierstrickland.ca"; "clerk@forterie.on.ca"; "town@fort-frances.com"; "mbouffard@frenchriver.ca";
"admin@frontofyonge.com"; "info@frontenaccounty.ca"; "cdwyre@kos.net"; "information@gananoque.ca";
"dianneyayer3@hotmail.com"; "info@gbtownship.ca"; "office@georgianbluffs.on.ca"; "info@georgina.ca";
"gillies@tbaytel.net"; "townhall@goderich.ca"; "adminoffice@gordonbarrieisland.ca"; "aclarke@gorebay.ca";
"mail@townofgrandvalley.ca"; "candace.thwaites@gravenhurst.ca"; "admin@greatermadawaska.com";
"info@greaternapanee.com"; "clerks@greatersudbury.ca"; "administration@greenstone.ca";
"sharon.vokes@grey.ca"; "info@greyhighlands.ca"; "hsoady-easton@grimsby.ca"; "info@guelph.ca";
"general@get.on.ca"; "info@haldimandcounty.on.ca"; "mrutter@county.haliburton.on.ca";
"karyn.bennett@halton.ca"; "suzannej@haltonhills.ca"; "clerk@hamilton.ca"; "info@hamiltontownship.ca";
"info@hanover.ca"; "harlytwp@parolink.net"; "harris@ntl.sympatico.ca"; "pinej@hastingscounty.com";
"info@hastingshighlands.ca"; "havbelmet@hbmtwp.ca"; "cgroulx@hawkesbury.ca"; "twpschm@explornet.com";
"townofhearst@hearst.ca"; "info@highlandseast.ca"; "twphill@parolink.net"; "admin@hiltontownship.ca";
"info@hiltonbeach.com"; "royward.hpayne@bellnet.ca"; "mmclaren@hortontownship.ca";
"clerk@town.howick.on.ca"; "harlytwp@parolink.net"; "denise.corry@huntsville.ca"; "inquiries@huroncounty.ca";
"bknigh@huroneast.com"; "email@huronshores.ca"; "info@huronkinloss.com";
"administration@town.ignace.on.ca"; "clerks@ingersoll.ca"; "inquiry@innisfil.ca"; "KLauzon@iroquoisfalls.com";
"elklake@ntl.sympatico.ca"; "admin@jocelyn.ca"; "johnsontwp@bellnet.ca"; "office@townshipofjoly.com";
"general@kapuskasing.ca"; "info@city.kawarthalakes.on.ca"; "info@townofkenarney.com"; "service@kenora.ca";
"harlytwp@parolink.net"; "info@khrtownship.ca"; "cbeauvais@municipalityofkillarney.ca"; "clerk@kincardine.net";
"ksmyth@king.ca"; "skitchen@kingsville.ca"; "joann.ducharme@tkl.ca"; "clerks@kitchener.ca";
"lavalley@nwonet.net"; "laird@twp@soonet.ca"; "M.Percival@lakeofbays.on.ca";
"lakeofthewoodstwp@tbaytel.net"; "webmaster@lakeshore.ca"; "administration@county-lambton.on.ca";
"administration@lambtonshores.ca"; "info@lanarkcounty.ca"; "rtrimble@lanarkhighlands.ca";
"dwightmctaggart@larderlake.ca"; "info@town.lasalle.on.ca"; "jallen@latchford.ca"; "info@laurentianhills.ca";
"laurentian@laurvall.on.ca"; "info@leamington.ca"; "reception@uclg.on.ca"; "vanessa@townshipleeds.on.ca";
"lkeech@lennox-addington.on.ca"; "clerk@township.limerick.on.ca"; "info@lincoln.ca"; "webmaster@london.ca";
"info@loyalist.ca"; "info@lucanbiddulph.on.ca"; "twpmacd@onlink.net"; "adminmchar@vianet.ca";
"clerktreasurer@visitmachin.com"; "info@madawaskavalley.ca"; "clerk@madoc.ca"; "info@magnetawan.com";
"malahide@malahide.ca"; "ckerster@manitouwadge.ca"; "reception@mapleton.ca"; "clerk@marathon.ca";
"kkittingham@markham.ca"; "info@markstay-warren.ca"; "T.graham@marmoraandlake.ca";
"township@ntl.sympatico.ca"; "info@mattawa.ca"; "mattawan@explornet.ca"; "mattice@ntl.sympatico.ca";
"cvankoughnett@mcdougall.ca"; "admin@mcgarry.ca"; "clerk@township.mckellar.on.ca";
"mcmurric@gmail.com"; "info@mcnabbraeside.com"; "info@meaford.ca"; "info@melanctontownship.ca";
"admin@merrickville-wolford.ca"; "kbunting@middlesex.ca"; "boyds@middlesexcentre.on.ca";
"admin@midland.ca"; "townclerk@milton.ca"; "admin@mindenhighlands.ca"; "bwhite@town.minto.on.ca";
"public.info@mississauga.ca"; "town@mississippimills.ca"; "mono@townofmono.com";
"info@township.montague.on.ca"; "moonbeam@moonbeam.ca"; "info@moosonee.ca";
"townshipofmorley@gmail.com"; "nmichie@morristurnberry.ca"; "info@mulmurtownship.ca";
"info@muskoka.on.ca"; "cmortimer@muskokalakes.ca"; "nairancentre@personainternet.com";
"neebing@neebing.org"; "clerk@newtecumseth.ca"; "office@newbury.ca"; "info@newmarket.ca";
"clerk@niagararegion.ca"; "diordfida@niagarafalls.ca"; "hdowd@notl.org"; "info@nipigon.net";

"admin@nipissingtownship.com"; "inquiries@norfolkcounty.ca"; "naw@nalgonawil.com";
"info@cityofnorthbay.ca"; "mail@northdumfries.ca"; "info@northdundas.com"; "info@northfrontenac.ca";
"liselavigne@northglengarry.ca"; "general@northgrenville.on.ca"; "info@northhuron.ca";
"reception@northkawartha.on.ca"; "admin@northmiddlesex.on.ca"; "town@northperth.ca";
"admin@northstormont.ca"; "info@townofnemi.on.ca"; "marylynn.nbp@amtelecom.net";
"ritchec@northumberlandcounty.ca"; "karmstrong@twp.norwich.on.ca"; "ServiceOakville@oakville.ca";
"twoconn@tbaytel.net"; "oilspings@ciaccess.com"; "peggy.dupuis@oliverpaipoonge.on.ca";
"twopapas@persona.ca"; "info@orangeville.ca"; "corporate@orillia.ca"; "info@oro-medonte.ca";
"service@oshawa.ca"; "info@osmtownship.ca"; "Rick.Oconnor@ottawa.ca"; "cityadmin@owensound.ca";
"btabor@oxfordcounty.ca"; "admin@papineaucameron.ca"; "rmens@townofparrysound.com";
"kathryn.lockyer@peelregion.ca"; "info@pelee.ca"; "NJBozzato@pelham.ca"; "pembroke@pembroke.ca";
"twalker@penetanguishene.ca"; "info@townshipofperry.ca"; "lwalton@perthcounty.ca"; "info@perthcounty.ca";
"gshwendinger@pertheast.ca"; "township@perthsouth.ca"; "email@petawawa.ca"; "cityptbo@peterborough.ca";
"info@county.peterborough.on.ca"; "petrolia@petrolia.ca"; "clerks@pickering.ca"; "picklelake@picklelake.org";
"plumtwp@onlink.net"; "info@plympton-wyoming.ca"; "info@villageofpointedward.com";
"clerk@portcolborne.ca"; "admin@porthope.ca"; "info@powassan.net"; "info@prescott.ca";
"spparisien@prescott-russell.on.ca"; "pgrego@twp.prince.on.ca"; "kwhite@pecounty.on.ca";
"admin@puslinch.ca"; "kevinh@quintwest.ca"; "rainyriver@tbaytel.net"; "ramara@ramara.ca";
"municipality@redlake.ca"; "cao@shawbiz.ca"; "info@town.renfrew.on.ca"; "info@countyofrenfrew.on.ca";
"clerks@richmondhill.ca"; "info@twprideaulakes.on.ca"; "info@russell.ca"; "admin@ryersontownship.ca";
"inquiries@sables-spanish.ca"; "clerks@sarnia.ca"; "harrisonr@saugeenshores.ca"; "cityclerk@cityssm.on.ca";
"cao@schreiber.ca"; "charris@scugog.ca"; "info@sequin.ca"; "twpsel@nexicom.net";
"info@townshipofsevern.com"; "jtelfer@townofshelburne.on.ca"; "shuniah@shuniah.org"; "info@simcoe.ca";
"admin@siouxlookout.ca"; "info@snnf.ca"; "info@smithsfalls.ca"; "comments@townsrf.ca";
"southalgonquin@xplornet.com"; "clerk@town.southbruce.on.ca"; "sbpen@bmts.com";
"mail@southdundas.com"; "admin@southfrontenac.net"; "info@southglengarry.com"; "info@southhuron.ca";
"info@southeriverontario.com"; "info@southstormont.ca"; "info@southgate.ca"; "info@southwestmiddlesex.ca";
"cao@swox.org"; "southwold@southwold.ca"; "info@townofspanish.com"; "info@springwater.ca";
"bdunk@stcatharines.ca"; "renee.chaperon@stcharlesontario.ca"; "webmaster@twp.stclair.on.ca";
"stjoeadmin@bellnet.ca"; "general@town.stmarys.on.ca"; "info@stthomas.ca"; "info@stirling-rawdon.com";
"bbrooks@stonemills.com"; "info@sdgcounties.ca"; "clerks@stratfordcanada.ca"; "general@strathroy-
caradoc.ca"; "clerk@strongtownship.com"; "illageoffice@sundridge.ca"; "arbutttownship@bellnet.ca";
"info@tay.ca"; "clerk@tayvalleytwp.ca"; "info@tecumseh.ca"; "twptehk@amtelecom.net"; "visit@temagami.ca";
"municipality@temiskamingshores.ca"; "info@terracebay.ca"; "moreilly@lesterpublications.com";
"inquiries@thamescentre.on.ca"; "hgage@thearchipelago.on.ca"; "info@thebluemountains.ca";
"mmccuaig@nationmun.ca"; "bgreen@ontera.net"; "townthess@bellnet.ca"; "eynaldrivard@nt.net";
"clerk@thorold.com"; "jhannam@thunderbay.ca"; "dewilson@tillsonburg.ca"; "clerks@timmins.ca";
"dluker@tiny.ca"; "311@toronto.ca"; "info@trenthills.ca"; "banglone@trentlakes.ca";
"clerk@tudorandcashel.com"; "info@twp.tweed.on.ca"; "info@tyendinagatownship.com";
"info@town.uxbridge.on.ca"; "administration@valharty.ca"; "jeffrey.abrams@vaughan.ca";
"rmadere@wainfleet.ca"

Subject: Letter from Mayor Vrebosch to Municipalities under 6000
Date: September-30-16 2:09:21 PM
Attachments: [Roma letter under 6000.docx](#)

Good afternoon....

Attach please find a letter from Mayor Vrebosch, Chair of Under 6,000 regarding the Clean Water and Wastewater Fund which has been amended to include funding for all rural communities.

Monica L. Hawkins, AMCT
Clerk,
Municipality of East Ferris,
390 Hwy #94,
Corbeil, ON PoH 1Ko
Office: 705-752-2740
Fax: 705-752-2452
e-mail: monica.hawkins@eastferris.ca
website: www.eastferris.ca



September 30, 2016

Dear Under 6000 Municipal Colleagues:

Here is the latest news regarding Clean Water and Wastewater Fund which has been amended to include funding for all rural communities.

As you know, the previous announcement only allowed money to communities with water and sewer systems. Your CAO would have received the letter by now.

The representatives of AMO and ROMA were not willing to leave the table without receiving a commitment to all communities.

As a result of this pressure from the AMO and ROMA reps, a new deal was presented that allows our OCIF as part of their 25% of a new commitment whereby the Feds are in for 50%, the Province is in for 25% and Municipalities 25%. And it's not by application.

The eligible programs must conform to the guidelines i.e. storm water remediation even for those with no systems.

As you can see, our Under 6000 Group has been able to work with ROMA and AMO as a consultation unit and we are not being ignored.

Please don't forget to consider the ROMA Conference in January. It is definitely "rural based" and will bring you together with all the rural municipalities.

If you wish to register but it's not in this year's budget, remember, you can register now and arrange for payment in the New Year.

Yours truly,

Mayor Bill Vrebosch,
Municipality of East Ferris,
AMO Board Rural Caucus,
ROMA Zone 9
Chair, Under 6,000

From: [Karen Landry](#)
To: [Nina Lecic](#)
Subject: FW: Requesting Support of A Resolution
Date: September-30-16 10:54:15 AM
Attachments: [SKM_C36816093010181.pdf](#)

From: Nicole Kuiack [<mailto:info@blrtownship.ca>]

Sent: Friday, September 30, 2016 10:12 AM

To: [sluey@wainfleet.ca](#); [rmordue@northdumfries.ca](#); [wmclaughlin@wellesley.ca](#); [areld@bmts.com](#); [rradford@brockton.ca](#); [info@huronkinloss.com](#); [billjones.nbp@eastlink.ca](#); [schambers@town.southbruce.on.ca](#); [tsbadministrator@bmts.com](#); [suestone@amaranth-eastgary.ca](#); [suestone@amaranth-eastgary.ca](#); [jwilson@eastluthergrandvalley.ca](#); [dholmes@melanctontownship.ca](#); [keith@townofmono.com](#); [thorner@mulmurtownship.ca](#); [jtelfer@townofshelburne.on.ca](#); [jreynaert@town.avlmer.on.ca](#); [kkruger@bayham.on.ca](#); [cao@duttondunwich.on.ca](#); [mcasavecchia@malahide.ca](#); [cao@southwold.ca](#); [sgawley@westelgin.net](#); [info@pelee.ca](#); [ldonaldson@centralfrontenac.com](#); [tquist@kos.net](#); [cao@northfrontenac.ca](#); [wmoore@chatsworth.ca](#); [bestd@greyhighlands.ca](#); [mdunlop@hanover.ca](#); [dmorrissey@meaford.ca](#); [dmilliner@southgate.ca](#); [cao@thebluemountains.ca](#); [abird@algonquinhighlands.ca](#); [twilbee@dysartetal.ca](#); [sstocraig@highlandseast.ca](#); [nwright-laking@mindenhills.ca](#); [hlambe@bancroft.ca](#); [ppilgrim@centrehastings.com](#); [bbrooks@deseronto.ca](#); [clerk@faraday.ca](#); [cdavidson@hastingshighlands.ca](#); [clerk@township.limerick.on.ca](#); [clerk@madoc.ca](#); [r.chittick@marmoraandlake.ca](#); [cao@stirling-rawdon.com](#); [clerk@tudorandcashel.com](#); [plb@twp.tweed.on.ca](#); [clerk@tyendinagatownship.com](#); [clerk@acwtownship.ca](#); [s.mcauley@town.bluewater.on.ca](#); [cao@centralhuron.com](#); [clerk@town.howick.on.ca](#); [bknight@huroneast.com](#); [nmichie@morristorynberry.ca](#); [r.hardy@southhuron.ca](#); [jdenkers@brookealvinston.com](#); [mschnare@dawneuphemia.on.ca](#); [dmctavish@enniskillen.ca](#); [oilsprings@ciaccess.com](#); [mbaron@town.petrolia.on.ca](#); [jburns@villageofpointedward.com](#); [dbruder@warwicktownship.ca](#); [cmoyle@twp.beckwith.on.ca](#); [pknowles@carletonplace.ca](#); [chalcrow@dnetownship.ca](#); [rtrimble@lanarkhighlands.ca](#); [gbarnes@township.montague.on.ca](#); [jderosenroll@perth.ca](#); [kcostello@smithsfalls.ca](#); [dmckinstry@twpec.ca](#); [mail@elizabethstown-kitley.on.ca](#); [cao@tayvalleytwp.ca](#); [ecovey@frontofyonge.com](#); [rsmall@gananoque.ca](#); [mavramovic@townshipleeds.on.ca](#); [cao@merrickville-wolford.ca](#); [info@prescott.ca](#); [cao@twprideaulakes.on.ca](#); [westport@rideau.net](#); [clerk@addingtonhighlands.ca](#); [caoclerk@stonemills.com](#); [fran@adelaidemetcalfe.on.ca](#); [rreymer@lucanbiddulph.on.ca](#); [office@newbury.ca](#); [lindacr@northmiddlesex.on.ca](#); [jnewitt@southwestmiddlesex.ca](#); [tkorotki@alnwickhaldimand.ca](#); [christie@cramahetownship.ca](#); [fbell@blandfordblenheim.ca](#); [mgraves@twp.norwich.on.ca](#); [cao@swox.org](#); [dmacleod@zorra.on.ca](#); [tivanysbyn@perthsouth.ca](#); [kmcllwain@town.stmarys.on.ca](#); [fstalenhoef@westperth.com](#); [joevk@asphodelnorwood.com](#); [services@cavanmonaghan.net](#); [davec@dourodummer.on.ca](#); [pkemp@trentlakes.ca](#); [lreed@hbmtwp.ca](#); [s.hunter@northkawartha.on.ca](#); [ejrath@osmtownship.ca](#); [mdaigneault@alfred-plantagenet.com](#); [mchenier@casselman.ca](#); [jean.theriault@champlain.ca](#); [lrozon@easthawkesbury.ca](#); [info@admastonbromley.com](#); [mwildman@arnprior.ca](#); [bryanm@eganville.com](#); [info@blrtownship.ca](#); [lmclaughlin@deeperiver.ca](#); [ltaniwa@greatermadawaska.com](#); [twpshcm@xplornet.com](#); [mmhorton@xplornet.com](#); [lhudder@khrtownship.ca](#); [cao@laurentianhills.ca](#); [laurentian@laurvall.on.ca](#); [bsabatine@madawaskavalley.ca](#); [nmellema@mcnabbraeside.com](#); [clerktreasurer@nalgonawil.com](#);

kbulmer@town.renfrew.on.ca; info@whitewaterregion.ca; ewargel@townshipadjtos.on.ca;
hbryce@penetanguishene.ca; murbanski@ramara.ca; rlamb@tay.ca;
kmcpherson@northstormont.ca; psinnamon@town.mapleton.on.ca; bwhite@town.minto.on.ca;
Karen Landry; katie.scott@blindriver.ca; dbrunke@bellnet.ca; scasey@dubreuilville.ca;
admin@hiltontownship.ca; paula@hiltonbeach.com; smith.hpayne@bellnet.ca;
email@huronshores.ca; jocelyntwp1@xplornet.ca; johnsonstwp@bellnet.ca; lairdtpw@soonet.ca;
twpmacd@onlink.net; plumtwsp@onlink.net; pgrego@twp.prince.on.ca; info@town.spanish.on.ca;
stjoeadmin@bellnet.ca; tarbutttownship@bellnet.ca; bgreen@ontera.net; townthess@bellnet.ca;
ccyr@wawa.cc; info@whiteriver.ca; reception@blackriver-matheson.com;
jp.ouellette@cochraneontario.com; info@fauquierstrickland.com; claflamme@hearst.ca;
mlarose@iroquoisfalls.com; Yvan.Brousseau@kapuskasing.ca; mattice@ntl.sympatico.ca;
cgendron@moonbeam.ca; info@moosonee.ca; twpopas@persona.ca; comments@townsrf.ca;
ChristianeP@valharty.ca; alarabie@dryden.ca; kballance@ear-falls.com;
admintreasurer@tbaytel.net; clerktreasurer@visitmachin.com; clerktreasurer@picklelake.org;
municipality@red-lake.com; cao@siouxlookout.ca; info@livethelakelife.ca;
assignackinfo@amtelecom.net; clerktreasurer@billingstwp.ca; burpeemills@xplornet.com;
centraldc@amtelecom.net; brentstdenis@gmail.com; clerk@gordonbarrieisland.ca;
aclarke@gorebay.ca; dwilliamson@townofnemi.on.ca; twptehk@amtelecom.net;
lkennard@gbtownship.ca; CSykes@lakeofbays.on.ca; cwrap@muskokalakes.ca; lise@ebonfield.org;
clerk@calvintownship.ca; info@chisholm.ca; John.fior@eastferris.ca; info@mattawa.ca;
clerk@papineaucameron.ca; southalgonquin@xplornet.com; CAO@temagami.ca;
info@armourtownship.ca; clerk@burksfalls.ca; info@callander.ca; cao@carlingtownship.ca;
clerk.administrator@townshipofjoly.com; brenda.fraser@townofkearney.com;
bpaulmachar@vianet.ca; clerk@magnetawan.com; deputycv@mcdougalltownship.on.ca;
clerk@township.mckellar.on.ca; clerk@mcmurricmonteith.com; admin@nipissingtownship.com;
rmens@townofparrysound.com; info@townshipofperry.ca; mlang@powassan.net;
admin@ryersontownship.ca; info@seguin.ca; info@southeriverontario.com;
clerk@strongtownship.com; villaalberton@jam21.net; geoffice@sundridge.ca;
clerk.administrator@whitestone.ca; angela.sharbot@atikokan.ca; chapple@tbaytel.net;
dawsontwp@tbaytel.net; township@emo.ca; mmccaig@fort-frances.com; lavalley@nwonet.net;
lakeofthewoodstwp@tbaytel.net; morley@nwonet.net; rainyriver@tbaytel.net;
peggy@townshipofbaldwin.ca; apellow@township.chapleau.on.ca; ctownsend@espanola.ca;
sgoyer@frenchriver.ca; townkill@vianet.on.ca; flandrie@markstay-warren.ca;
nairncentre@personainternet.com; kasloss@sables-spanish.ca;
renee.chaperon@stcharlesontario.ca; info@conmee.com; helena@doriontownship.ca;
gillies@tbaytel.net; roy.sinclair@greenstone.ca; ckerster@manitouwadge.ca; cao@marathon.ca;
donna@neebing.org; lindsaymannila@nipigon.net; twpoconn@tbaytel.net;
peggy.dupuis@oliverpaipoonge.on.ca; cao@shawbiz.ca; ecollingwood@shuniah.org;
cao@terracebay.ca; reynaldrivard@nt.net; brethour@parolink.net; harlytwp@parolink.net;
ctchamberlain@ontera.net; dthibeault@charltonanddack.com; cobalt@ntl.sympatico.ca;
toc@ontera.net; englehrt@ntl.sympatico.ca; evantureladmin@parolink.net;
diannesayer3@hotmail.com; harris@ntl.sympatico.ca; twphill@parolink.net;
lise_chhk@parolink.net; elklake@ntl.sympatico.ca; nancy.allick@tkl.ca;
dwrightmctaggart@larderlake.ca; jallen@latchford.ca; township@ntl.sympatico.ca;
admin@mcgarry.ca; reynaldrivard@nt.net; townhall@goderich.ca; info@northhuron.ca;

info@plympton-wyoming.ca; athens@ripnet.com; mlarocque@augusta.ca

Subject: Requesting Support of A Resolution

Good morning,

Please see attached Resolution, passed by the Council of the Corporation of the Township of Brudenell, Lyndoch and Raglan, we would appreciate your support of this resolution.

Thank you,

Nicole Kuiack
Township of Brudenell, Lyndoch and Raglan

This email has been checked for viruses by Avast antivirus software.

www.avast.com





September 29, 2016

Honourable Kathleen Wynne
Premier of Ontario
11th Floor, 77 Grenville Street
Toronto, Ontario, M7A 1B3

Dear Honourable Wynne,

Re: Ontario's Intensive Therapy Funding/Services for Children with Autism

Please be advised that Council passed the following resolution at their September 7, 2016 meeting:

WHEREAS Autism Spectrum Disorder is now recognized as the most common neurological disorder affecting 1 in every 94 children, as well as their friends, family and community; and

WHEREAS Applied Behavior Analysis (ABA) is the scientific process based on objective evaluation and empirically based interventions used to achieve meaningful, generalizable and enduring behavioral change. Intensive Behavioral Intervention (IBI) is an application of the principles of ABA in an intensive setting used to affect behaviour change and improvement; and

WHEREAS the current waiting of children for Intensive Behavioural Intervention (IBI) is over 2,000 and more than 13,000 children await Applied Behaviour Analysis; and

WHEREAS the Province of Ontario has announced it intends to discontinue IBI services to children over the age of four and provide a one-time payment to assist with services, thereby abandoning thousands who have been wait-listed for years; and

WHEREAS there are two service models for affected children to be treated, 1) the Direct Service Offering (DSO) where children receive services directly from trained staff at Ontario's nine regional service providers, and 2) the Direct Funding Offering (DFO) where parents receive funding directly in order to purchase services; and

WHEREAS the DFO model to provide services is used in Alberta, British Columbia and imminently in Saskatchewan. Such a model is clinically rigorous and has been identified by the Auditor General of Ontario as being less expensive than Ontario's DSO model;

THEREFORE BE IT RESOLVED THAT a letter be sent to Hon. Tracey MacCharles, Minister of Children and Youth Services; Alexander Bezzina, Deputy Minister; Hon. Eric Hoskins, Minister of Health; and Hon, Kathleen Wynne, Premier of Ontario, requesting the Province to:

1. Amend its policy to one that will allow all children on the current waiting list to receive the IBI services promised them; and
2. Remove the age limit for IBI therapy and replace it with a program that provides ongoing IBI services based on need and individual development, not age; and
3. Ensure oversight by professionals and parents based in 'development progress' criteria and milestones; and
4. Adopt a Direct Funding Offering (DFO) model in lieu of the current Direct Service Offering(DSO);

AND FURTHER THAT a copy of this resolution be forwarded to all municipalities within the Province of Ontario.

Your consideration of Council's request is appreciated.

Sincerely,

A handwritten signature in black ink that reads "Michelle Mantifel". The signature is written in a cursive, flowing style.

Michelle Mantifel

**Ministry of Tourism,
Culture and Sport**

Minister

9th Floor, Hearst Block
900 Bay Street
Toronto, ON M7A 2E1
Tel: (416) 326-9326
Fax: (416) 326-9338

**Ministère du Tourisme,
de la Culture et du Sport**

Ministre

9^e étage, Édifice Hearst
900, rue Bay
Toronto, ON M7A 2E1
Tél.: (416) 326-9326
Télééc.: (416) 326-9338



October 3, 2016

Dear valued partner in recreation,

It is a pleasure to share with you the enclosed report: *Ontario Support for the Framework for Recreation in Canada 2015*.

Providing opportunities for all Ontarians to engage in community sport, recreation and physical activity is critical to improving on our quality of life. Recreation influences the well-being of people from all walks of life, of any age and any level of ability. Our government is committed to ensuring that every Ontarian has access to physical activity and recreation programming.

In February 2015 Provincial and Territorial Ministers responsible for Sport, Physical Activity, and Recreation (SPAR) formally endorsed the *Framework for Recreation in Canada 2015* (the Framework) as a guiding document for the recreation sector in Canada. The Framework was developed by Provincial and Territorial Governments – including Ontario – and key representatives from the Canadian recreation sector led by the Canadian Parks and Recreation Association. The goal of the Framework is to guide and stimulate coordinated practices in recreation and to improve the well-being of individuals, communities and the built and natural environment.

The Ministry of Tourism, Culture and Sport, as the lead ministry responsible for recreation within the province, has worked to identify Ontario government initiatives that align with the goals and priorities in the Framework. The *Ontario Support for the Framework for Recreation in Canada 2015* highlights those supporting initiatives.

Recreation has an impact on a variety of initiatives taking place across many Ontario ministries. Whether it's planning related to health promotion, promoting active transportation as an alternative commuting option, introducing mandatory physical activity within our education system, or efforts to preserve parks and natural areas, recreation plays a key role in delivering on the government's mandate. For ministries continuing to renew and develop policies, strategies and initiatives to reflect the current trends and issues affecting recreation in Ontario, the Framework will be a valuable resource.

Our commitment to increase opportunities for participation in recreation also means working closely and effectively with key recreation partners like you. The work you do is vital to helping Ontario citizens become more physically active and involved in recreation.

Thank you for doing your part to make our province's recreation landscape the very best it can be.

All my best,

A handwritten signature in black ink, appearing to read "Eleanor McMahon". The signature is fluid and cursive, with the first name being more prominent than the last.

Eleanor McMahon
Minister

Attachment

GOAL 1

Active Living

page 3

GOAL 2

Inclusion and Access

page 6

GOAL 3

Connecting People and Nature

page 8

GOAL 4

Supportive Environments

page 10

GOAL 5

Recreation Capacity

page 13

Introduction

Ontario Support for the Framework for Recreation in Canada 2015

The Government of Ontario recognizes the importance of recreation, and is committed to supporting universal access to physical activity and recreation programming. In February 2015, the Minister of Tourism, Culture and Sport along with other Provincial and Territorial Ministers responsible for Sport, Physical Activity, and Recreation (SPAR), formally endorsed the Framework for Recreation in Canada 2015 (the Framework) as a guiding document for the recreation sector in Canada. The Framework, jointly developed by Provincial and Territorial Governments and key representatives from the Canadian recreation sector (led by the Canadian Parks and Recreation Association), intends to guide and stimulate coordinated practices in recreation that aim to improve the wellbeing of individuals, communities and the built and natural environment.

Within the Government of Ontario, recreation impacts a variety of initiatives taking place across many Ontario Ministries. Whether it's planning related to health promotion, promoting active transportation as an alternative commuting option, introducing mandatory physical activity within our education system, or efforts to preserve parks and natural areas, recreation plays a key role in delivering on the governments' mandate. The Framework will be a useful resource as Ministries continue to renew and develop policies, strategies and initiatives to reflect the current trends and issues affecting recreation in Ontario.

The Ministry of Tourism, Culture and Sport, as the lead Ministry responsible for recreation within the province of Ontario, undertook a process to identify government initiatives that support the Framework and promote the benefits of recreation. Within this report a select number that align with the goals and priorities outlined within the Framework have been highlighted.



GOAL 1

Active Living

Foster active living through physical recreation

“ Participation in physical recreation is essential to building healthy, active individuals from infancy to older adulthood. The Framework outlines a solid evidence base to support the positive relationships between regular physical activity and healthy aging. Engaging in physical activity with others has been proven to help build social networks and promote overall health.”

Articulated below are Government of Ontario commitments that align with and support **Goal 1: Active Living**.

Ontario's Healthy Kids Strategy

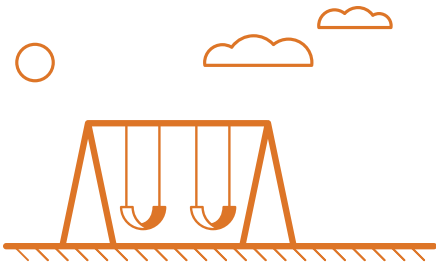
The Ministry of Health and Long-Term Care has launched the Healthy Kids Strategy, which takes a whole-child approach to healthy child/youth growth and development. The Strategy is aimed at meeting the government's objective to reduce childhood obesity. The Strategy supports the child's right to play, and encourages full participation in age appropriate recreation experiences, cultural life and artistic and leisure activities.

The Healthy Kids Strategy focuses on:

- **PILLAR 1: HEALTHY START** | Helping parents learn what to do before pregnancy and during the early years for their children;
- **PILLAR 2: HEALTHY FOOD** | Helping parents and their children make healthy food choices; and,
- **PILLAR 3: HEALTHY ACTIVE COMMUNITIES** | Building healthy communities for kids to grow up in and get active.

<http://www.health.gov.on.ca/en/public/programs/healthykids/>

Healthy Schools Strategy: Promoting Well-Being Through Physical Activity



Achieving Excellence, the government’s renewed vision for education, has elevated promoting well-being to one of four interconnected goals for the education system. This goal emphasizes a focus on the whole child – their cognitive, emotional, social, and physical development. Through our healthy schools strategy, the Ministry of Education has collaborated with partners across a variety of sectors to address multiple health-related topics, including physical activity.

To date, the Ministry of Education has:

- Updated the Foundations for a Healthy School resource that provides schools with sample strategies and activities that can be used at the school level, in the classroom, or with a group of students to address specific, curriculum-linked health-related topics, including physical activity.
- Implemented a Daily Physical Activity in Elementary Schools (P/PM 138) policy that requires all students in grades 1-8 to take part in 20 minutes of moderate to vigorous Daily Physical Activity during instructional time each day.
- Awarded 70 one-time Physical Activity in Secondary Schools Grants of up to \$20,000 for innovative projects that are intended to change the physical activity culture in schools and increase physical activity.
- Supported the development of a Healthy Schools Certification Program (led by Ophea) aimed at supporting and increasing the capacity of schools to address health-related topics including physical activity; and, Supported the development of the “Heroes of Play” program to recognize teachers, principals, parents, and students who encourage physical activity at school.

The Ministry of Education also provides support for safe participation in physical activity, through:

- Free-of-charge and barrier-free online physical activity safety guidelines for all Ontarians (funded by Ministry of Education and administered by Ophea).
- School Board Policy on Concussion (P/PM158)– The policy outlines the ministry’s expectations for school boards to develop and maintain a policy on concussion awareness, prevention, identification, management and training, as well as, requiring school boards to develop a return to learn and return to physical activity plan for students with a diagnosed concussion.

Seniors Information and Active Living Fairs

The Ontario Seniors' Secretariat provides funding to the Older Adult Centres' Association of Ontario to coordinate the delivery of over 60 Seniors Information and Active Living Fairs across the province. The majority of these fairs are held in Elderly Persons Centres and help promote healthy aging and active living among seniors in Ontario. Annual attendance at these fairs has grown to approximately 15,000 seniors from across the province.

http://www.oacao.org/information_fairs.html

Inclusion and Access

Increase Inclusion and Access to Recreation for Populations that Face Constraints to Participation

“ Recreation has the ability to reach all citizens, and bring people together in a non-threatening, pleasurable atmosphere. Acknowledging and valuing cultural, ethnic and racial diversity is vital to the prevention of prejudice and discrimination. Recreation needs to take into account differences such as variations in sex and gender, age and ability, sexual orientation, education, persons with a disability, religious beliefs, socioeconomic status and mental health concerns that affect wellbeing.”

Articulated below are Government of Ontario commitments that align with and support **Goal 2: Inclusion and Access**.

The Special Needs Strategy

The Ministries of Children and Youth Services, Community and Social Services, Health and Long-Term Care and Education are collaborating on the implementation of the Special Needs Strategy, and are working towards a vision of an Ontario where children and youth with special needs get the timely and effective services they need to participate fully at home, at school and in the community. As a first step, Coordinated Service Planning implemented under the Special Needs Strategy is intended to help connect families of children and youth with multiple and/or complex special needs with a range of services that meet their needs. Service Planning Coordinators will work with families, educators and community service providers from multiple sectors to coordinate service planning and monitor progress. Where applicable, this may include service planning to enable participation in recreational activities and, as such facilitate the participation in recreation activities of children and youth with multiple and/or complex special needs.

<http://www.children.gov.on.ca/htdocs/English/topics/specialneeds/strategy/index.aspx>

The Accessibility for Ontarians with Disabilities Act, 2005

The Ministry of Economic Development, Employment and Infrastructure is responsible for legislation called the *Accessibility for Ontarians with Disabilities Act (AODA), 2005*. Under this act, mandatory accessibility standards, Ontario Regulation 191/11, have been developed to identify, remove and prevent barriers in key areas of daily living. The Integrated Accessibility Standards Part IV.1 Design of Public Spaces includes accessibility requirements for the design of new or redeveloped recreational elements such as trails, beach access routes, outdoor eating areas and play spaces so people of all abilities can participate and enjoy recreational activities in their communities.

<https://www.ontario.ca/page/accessibility-laws>

Community Aboriginal Recreation Activator Program

The Ministry of Tourism, Culture and Sport has implemented the Community Aboriginal Recreation Activator (CARA) Program which is targeted to remote and isolated First Nation communities. The purpose is to enhance the capacity of First Nations to meet their sport and recreation needs, utilizing local resources and partnerships with other community-based organizations. Currently, CARA is running in 27 First Nation reserve communities. CARA recognizes and enables the experience of Aboriginal peoples in recreation with a holistic approach drawn from traditional values and culture.

Seniors Community Grant Program

The Ontario Seniors' Secretariat's Seniors Community Grant Program is helping more seniors have a better quality of life by providing opportunities to be more physically and socially active, volunteer, contribute to their communities and continue learning. This grant makes \$2 million available annually for projects across Ontario that will help more seniors stay active, engaged, learning and contributing. Since 2014, when the program launched, almost \$730,000 has been granted to benefit approximately 30,000 seniors across 123 programs and activities related to fitness/physical activity and recreation.

Lists of successful applicants for 2014 and 2015 are available at the following links:

http://www.seniors.gov.on.ca/en/srsorgs/scgp_projects_2014.php

http://www.seniors.gov.on.ca/en/srsorgs/scgp_projects_2015.php

Elderly Persons Centres (EPCs)

Through the Ontario Seniors' Secretariat, the government provides \$11.5 million to support 263 EPCs that offer seniors social, cultural and recreational programs and also provide some health education and support services. The Ontario Seniors' Secretariat is currently undertaking a program review of EPCs to better understand these centres and to consider ways to optimize their roles, including their connection to other government and community programs.

Connecting People and Nature

Help People Connect to Nature through Recreation

“ The recreation field plays a vital role in connecting people with nature through parks, trails, open space, gardens, land/streetscapes and water based resources under its management or influence in community planning and design. By enabling public access to nature it helps to foster improved cognitive, mental and physical health, enhance creativity and positive social behaviour, and support healthy active living and biodiversity.”

Articulated below are Government of Ontario commitments that align with and support **Goal 3: Connecting People and Nature.**

Ontario Parks Learn to Camp Program



The Ministry of Natural Resources and Forestry's Learn to Camp Program at Ontario Parks was established in 2011 to help people discover the joy of camping in a safe and fun environment. Ontario Parks aims to help people acquire the skills and confidence they need to connect with Ontario's beautiful natural environments. This program allows individuals to connect with nature and the outdoors, as well as develop public awareness and education initiatives to increase understanding of the importance of nature to one's well-being.

<http://www.ontarioparks.com/learntocamp>

Grants in Support of Tourism Regions

The Ministry of Tourism, Culture and Sport provides annual funding in support of Ontario's Tourism Regions. In 2010, the Ministry supported the establishment of 13 Tourism Regions to further advance the competitiveness of Ontario's tourism sector. Each region is led by a Regional Tourism Organization (RTO). Several RTOs are working with local partners on outdoor recreation related projects including undertaking research and planning, assisting in trail, waterway and cycling signage projects and developing and marketing outdoor recreation experiences, routes, itineraries and packages.

<http://www.mtc.gov.on.ca/en/regions/regions.shtml>

Lake Simcoe Protection Plan

The Ministry of Environment and Climate Change funds various projects that are involved in protecting the Lake Simcoe watershed. The Lake Simcoe Protection Plan recognizes that protecting and restoring the ecological health of the Lake Simcoe watershed is a shared responsibility and a long-term undertaking. A key objective of the Plan is to improve conditions for environmentally sustainable recreation activities and promote those activities. The Lake Simcoe Protection Plan supports local projects which promote environmentally sustainable recreation practices within the Lake Simcoe watershed. Owners and operators of recreation facilities are encouraged to develop and implement projects that promote best management practices to help recreationalists protect the ecology and cultural heritage of the watershed. In this way the Plan helps people connect to nature through recreation.



<http://www.ontario.ca/environment-and-energy/lake-simcoe-protection-plan>

Ontario Trails Strategy

The Ontario Trails Strategy is a long-term plan to guide the development, management, promotion and use of trails in Ontario. The vision of the Ontario Trails Strategy is a world-class system of diversified trails, planned and used in an environmentally responsible manner that enhances the health and prosperity of all Ontarians. On June 1, 2016, the government passed the *Supporting Ontario's Trails Act, 2016* following with Royal Assent on June 9, 2016. Upon proclamation, the act will help the trails community more effectively develop, operate and promote trails by addressing longstanding land access, liability, trespassing and protection of property challenges.

http://www.mtc.gov.on.ca/en/sport/recreation/trail_strategy.shtml

Supportive Environments

Ensure the Provisions of Supportive Physical and Social Environments that Encourage Participation in Recreation and Help to Build Strong, Caring Communities

“ Supportive physical and social environments help facilitate community and family connectedness, which involves taking care of each other, our communities and our natural environment. Creating supportive environments for recreation can ensure access to safe and effective spaces and places that are required to deliver a comprehensive mix of high quality recreational experiences. Creating supportive physical environments include the provision of essential facilities, the effective use of existing spaces and addressing the decline of Canada’s recreation and sport infrastructure.”

Articulated below are Government of Ontario commitments that align with and support **Goal 4: Supportive Environments.**

Promoting Life Skills in Aboriginal Youth Program

Since 2010, Ontario has partnered with the international not-for-profit organization, Right To Play in support of the Promoting Life Skills in Aboriginal Youth (PLAY) program. The PLAY program provides Indigenous children and youth with the opportunity to participate in consistent, weekly, year-round programming to improve their self-confidence and enhance their capacity for leadership. Through youth-led events, inter-generational tournaments and sport clinics, the PLAY program:

- Promotes the health of children and youth so they can learn how to be and stay healthy;
- Helps Indigenous children and youth explore their identity and culture;
- Builds children and youth’s leadership capacity so they can succeed as leaders within their communities; and
- Supports the reclamation of Indigenous culture by helping First Nations children and youth (re)connect with their culture and traditions.

<http://www.ontario.ca/page/promoting-life-skills-aboriginal-youth-play>

Provincial Policy Statement

The Ministry of Municipal Affairs and Housing is the ministry-lead for the Provincial Policy Statement (PPS, 2014). The PPS 2014 provides policy direction on matters of provincial interest related to land use planning and development, including policies promoting supportive physical and social environments that encourage participation in recreation, community hub development, and active, healthy communities. The policies are founded on core principles supporting more sustainable patterns of development and resource use and apply to all communities in the province.

<http://www.mah.gov.on.ca/Page215.aspx>

The Greenbelt Plan and Oak Ridges Moraine Conservation Plan

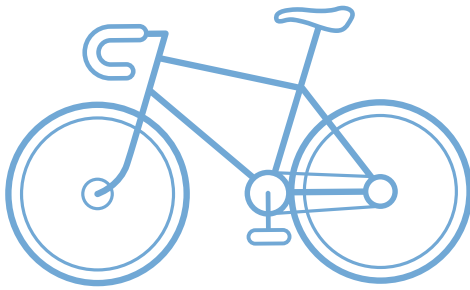
In addition, the Ministry of Municipal Affairs and Housing’s Greenbelt Plan and Oak Ridges Moraine Conservation Plan provide policy direction on matters of provincial interest related to land use planning, that promote supportive physical and social environments including parkland, open space and trails in the Greenbelt. Throughout the Greenbelt and the Oak Ridges Moraine, there is existing public parkland and open space, as well as major trails such as the Bruce Trail, Trans Canada Trail, the Niagara Greenway and the Lake Ontario Waterfront Trail. This system of parks and trails provides significant economic benefits and opportunities to a multitude of uses and activities.



<http://www.mah.gov.on.ca/Page189.aspx>

<http://www.mah.gov.on.ca/Page1707.aspx>

Ontario Cycling Strategy

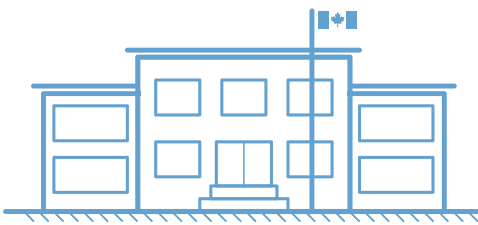


The Ministry of Transportation's Ontario Cycling Strategy (#CycleON) enables participation in physically active recreational experiences throughout the life course by focusing specifically on active transportation. As part of #CycleON Action Plan 1.0, the Ministry of Transportation has established a \$10 million Ontario Municipal Cycling Infrastructure Program, to help municipalities build new and improve existing cycling infrastructure and is also working toward identifying a province-wide network of cycling routes to promote recreational cycling and cycling tourism.

As well, the Cycling Strategy works towards the development and implementation of targeted education campaigns that increase knowledge about how active transportation contributes to enjoyment and quality of life and helps people acquire the skills and attitudes they need to plan for making recreation a part of their lives. Through the Cycling Training Fund, another initiative of the first #CycleON Action Plan, the ministry is allocating \$380,000 in financial assistance in 2015 and 2016 to help partners develop, enhance and deliver cycling skills training programs. The programs funded are building skills to promote safe and enjoyable cycling and encouraging healthier, more physically active lifestyles through cycling.

<http://www.mto.gov.on.ca/english/publications/ontario-cycling-strategy.shtml>

Community Use of Schools Program



The Ministry of Education's Community Use of Schools program provides funding to all school boards so they can make school space more affordable for use after school hours. Both indoor and outdoor school space is available to not-for-profit community groups at reduced rates, outside of regular school hours. It supports a positive climate, by supporting and promoting healthy, active lifestyles for community youth. In addition, through its Priority Schools Initiative, Community Use of Schools helps a set of schools provide not-for-profit groups free after-hours access to school space in communities that need it most. Community Use of Schools supports healthy, active lifestyles, and student achievement and well-being by enabling not-for-profit groups to offer affordable activities to their communities.

<http://www.edu.gov.on.ca/eng/general/elemsec/community/>

GOAL 5

Recreation Capacity

Ensure the Continued Growth and Sustainability of the Recreation Field

“ The recreation field needs to recruit and inspire new leaders who can address emerging trends and have knowledge in a variety of areas, such as cultural diversity, emerging technologies, urban planning, active transportation and nature conservation. Recreation provides many young people with opportunities for employment and for leadership and career development. To be relevant and outcome-driven, leaders in recreation need timely access to emerging technologies as well as current evidence and information.”

Articulated below are Government of Ontario commitments that align with and support **Goal 5: Recreation Capacity**.

Joint Training Sessions

The Ministry of Children and Youth Services' (MCYS) Youth Justice Services Division provides and supports recreational activities dedicated towards preventing youth from coming into conflict with the law. For example, in May 2015, Probation Officers from MCYS, Remote Community Intervention Workers, Community Mentors and staff from Right to Play took part in joint training sessions to build capacity for two streams of recreational activities. The first stream of training, provided in partnership with the Jay's Care Foundation, taught staff how to organize and manage a baseball league for youth in 11 First Nation communities in Grand Council Treaty #3. The second stream of training, provided in partnership with Painted Turtle Arts Camp, focused on how to organize summer camp programs that include various sport activities and arts and crafts for youth. These training sessions facilitated the enhancement of community-based leadership in recreation.

<http://www.children.gov.on.ca/htdocs/English/topics/youthandthelaw/index.aspx>

Physical Activity Resource Centre

The Ministry of Health and Long-Term Care funds the Physical Activity Resource Centre (PARC) to provide training, resources and supports to community agencies and public health units to implement best practice programs and policies for physical activity. Some of the key deliverables include knowledge exchange and professional learning, consultation and referrals, networking and partnership development, planning, evaluation and project management. PARC works to develop and implement high-quality training and competency-based capacity development programs for organizations and individuals working in recreation, particularly in under-resourced rural and remote areas. They also contribute to creating supportive social environments in the settings where people live, learn, work and play. In addition, the Physical Activity Resource Centre is coordinating a group of health promotion resource centres to support the Healthy Kids Community Challenge.

<http://parc.ophea.net/>

Ontario Sport and Recreation Communities Fund



The Ontario Sport and Recreation Communities Fund (OSRCF) was established to achieve a vision of getting and keeping Ontarians active in community sport, recreation and physical activity through the support of short-term projects that deliver high-quality and meaningful experiences to individuals at every phase of life. The OSRCF is targeted at populations whom lack equitable access to participate and/or have been historically less physically active. The OSRCF program includes a focus on strengthening the sport and recreation sector by building capacity. The fund has provided support to organizations in areas such as coaching, youth development and volunteer development, in order to ensure enhanced service and quality programming is available throughout the province.

<http://www.grants.gov.on.ca/GrantsPortal/en/OntarioGrants/GrantOpportunities/PRDR006918>

Game ON: The Ontario Government's Sport Plan

Game ON: The Ontario Government's Sport Plan was launched in November 2015 and is rooted in three priorities for amateur sport – participation, development and excellence.

Under the development priority, the plan supports provincial sport organizations (PSOs) and multi-sport organizations (MSOs) in their efforts to recruit and train coaches and volunteers. These efforts will help inspire new leaders and will provide many young people with opportunities for employment and for leadership and career development.

<http://mtc.gov.on.ca/en/publications/Game-ON-The-Ontario-Governments-Sport-Plan.pdf>

Conclusion

Ontario Support for the Framework for Recreation in Canada 2015

The Government of Ontario is committed to providing valued recreational programs and services to all Ontarians. The ability of recreation to provide solutions to many modern day challenges has provided the evidence behind many government investments, many of which can be seen within this report. These challenges include the:

- rising rates of obesity and sedentary living;
- decreased opportunities to connect with nature;
- inequities within society that have limited access to recreational programming and opportunities.

Moving forward, the Government of Ontario will continue efforts to implement the Framework, utilizing the document as a resource to guide decision making and planning. Working collaboratively with recreation stakeholders is an important focus for the Ministry of Tourism, Culture and Sport, ensuring valued and relevant recreation opportunities that are accessible across the province. While this report provides a snapshot of current investments in recreation and alignment efforts with the newly endorsed Framework for Recreation in Canada 2015, the benefits of recreation will continue to inform and impact emerging initiatives across many areas of government in the future.

The finalized Framework for Recreation in Canada 2015 document can be found here:

<http://lin.ca/national-recreation-framework>



Ministry of Tourism, Culture and Sport
www.mtc.gov.on.ca

Framework for Recreation in Canada 2015
lin.ca/national-recreation-framework

**Certificate with respect to approval of
a draft plan of condominium subdivision
by The Corporation of the City of Guelph**

I, Tina Agnello, Deputy City Clerk of The Corporation of the City of Guelph, hereby certify that the Notice of Decision of a Draft Plan of Condominium Subdivision, (23CDM15504) for Block 89 Registered Plan 61R160, municipally known as 64 Frederick Drive, in the City of Guelph, County of Wellington, was sent to the persons and public bodies prescribed under subsection 51 (37) of the *Planning Act*, R.S.O. 1990, c. P.13, as amended. I also certify that the 20 day objection period expired on the 20th day of September, 2016, and to that date, no notice of objection or request for a change in the provisions of the decision of the draft plan of condominium subdivision has been filed by any person with the City Clerk's Department. A declaration to this effect is on file.

In accordance with subsection 51 (41) of the *Planning Act*, R.S.O. 1990, c. P. 13, as amended, this Draft Plan of Condominium Subdivision is deemed to have been approved on the 21st day of September, 2016.

Dated this 27th day of September, 2016.

RECEIVED

OCT 03 2016

Township of Puslinch



Deputy City Clerk

Certified copy to:

Randy Harris, City of Guelph
Assessment Commissioner, Municipal Property Assessment Corporation
Black, Shoemaker, Robinson and Donaldson Ltd., Applicant
OHM Frederick Inc., Owner

Copies to:

List attached hereto

City Hall
1 Carden St
Guelph, ON
Canada
N1H 3A1

T 519-822-1260
TTY 519-826-9771

**Distribution list with respect to the approval of draft plan of
condominium subdivision by The Corporation of the City of Guelph for
23CDM15504**

MMM Group Limited, (Bell Canada)
Canada Post
Manager of Community Planning and Development, Canadian Nation Railway Properties
Clerk, Township of Guelph/Eramosa
Clerk, Township of Puslinch
CAO, County of Wellington
Guelph Hydro Electric Systems Inc.
Planning & Design Section, Corridor Control Office, Ministry of Transportation
Manager OPE, Rogers Cable TV Ltd.
Gwen Keep, Union Gas Limited
Jennifer Passy, Upper Grand District School Board
Dan Duszczyzyn, Wellington Catholic District School Board
City Solicitor, City of Guelph
Director of Finance, City of Guelph
Steve Gill, Guelph Police Services
City Engineer, City of Guelph
Program Manager-Open Spaces Planning, City of Guelph
Fire Chief, City of Guelph
Economic Development, City of Guelph
Manager of Development Planning, City of Guelph
Program Manager-Zoning, City of Guelph
Parks Planner

September 7, 2016

Karen Landry, CAO & Clerk
Township of Puslinch
7404 Wellington Rd 34
Guelph, ON N1H 6H9

Dear Karen Landry,

Re: Another Opportunity to Have Your Say in Canada Post Review

I am following up on our June 6th correspondence about the Canada Post Review to provide you with additional information on phase 2 of the review.

This fall, a parliamentary committee will be consulting with Canadians on postal service and the options identified by a task force in phase 1. The committee will make recommendations to the government by year's end. The government expects to announce its decisions about Canada Post in the spring of 2017.


You may be interested to know that the options identified by the task force include major changes to the moratorium on post office closures in rural and small towns. The task force suggests "updating" or "refreshing" the moratorium. It outlines the cost savings that could be achieved by converting to franchises or closing all corporate outlets, or only the 800 highest yielding offices. You can see the full task force discussion paper at <http://www.tpsgc-pwgsc.gc.ca/examendepostescanada-canadapostreview/rapport-report/consult-eng.html>

CUPW would like to ensure that the views of municipalities are considered during each stage of the Canada Post Review. Therefore, we are urging you to fill out the parliamentary committee's online survey from September 26 to October 21 at parl.gc.ca/OGGO-e and encourage residents to do likewise. During this time, paper surveys will be available upon request. The committee will also hold public consultations across the country.

The union has attached information on how to provide input in phase 2, as well as a new resolution for your consideration. You can learn more about the review by going to CUPW.ca/canadapostreview and Canada.ca/canadapostreview

Thank you for taking the time to read this letter and anything you can do to help us convince the parliamentary committee to recommend against further cuts at Canada Post in favour of building a 21st century post office that expands services, generates revenues and meets the needs of Canadians.

In solidarity,


Mike Palecek
National President

RECEIVED

SEP 30 2016

Township of Puslinch

c.c. National Executive Committee, Regional Executive Committees, National Union Representatives, Regional Union Representatives, Specialists, Campaign Coordinators, Negotiators

/bk cope 225

Have your say!

1) Fill out the parliamentary committee's on line survey from September 26 to October 21 at: parl.gc.ca/OGGO-e. During this time, you can also request a paper version of the survey by phoning 613-995-9469 or writing to Standing Committee on Government Operations and Estimates, Sixth Floor, 131 Queen Street, House of Commons, Ottawa, Ontario, K1A 0A6 Canada.

2) Attend one of the public consultations being held across the country. For more information, go to:

<http://www.parl.gc.ca/HousePublications/Publication.aspx?Language=e&Mode=1&Parl=0&Ses=0&DocId=8391013> (Note: Information on western and northern locations to come)

[You can get information on the process and key issues in the weeks to come at CUPW.ca/canadapostreview.](http://CUPW.ca/canadapostreview)

What to say

Let the committee know what your key issues are:

- Getting your home mail delivery back?
- Keeping your public post office?
- Greening the post office?
- Creating services that support seniors and people with disabilities?
- Bringing back our postal bank for more inclusive, accessible financial services for everyone?

List of locations to be visited by the parliamentary committee:

Corner Brook and St. John's, Newfoundland
Sydney and Halifax, Nova Scotia
Charlottetown, Prince Edward Island
Bathurst, New Brunswick
Levis, Quebec City, Blainville and Montreal, Quebec
Toronto, Kitchener, Windsor, Dryden, and Sandy Lake First Nation, Ontario
(Following locations to be confirmed)
Surrey, British Columbia
Edmonton and Calgary, Alberta
Yellowknife, Northwest Territories
Regina and Moose Jaw, Saskatchewan
Winnipeg, Manitoba

Please share your input with us at Feedback@cupw-sttp.org or mail to Mike Palecek, President, Canadian Union of Postal Workers, 377 Bank Street, Ottawa, Ontario, K2P 1Y3

Public review on future of Canada Post

Whereas Canada Post announced drastic cutbacks to our public postal service in December 2013, including plans to end home mail delivery in our country.

Whereas there was a huge public outcry in response to the cutbacks and stiff opposition from most federal parties, including the Liberal Party, which promised to halt the delivery cuts and conduct a review of Canada Post, if elected.

Whereas the delivery cuts were halted and our Liberal government is currently conducting a Canada Post Review, which started earlier this year with an independent task force to identify options for the future of postal service in this country.

Whereas a parliamentary committee will hold e-consultations and meetings in various locations across the country on postal service and the options that have been identified by the task force and then make recommendations to the government on the future of Canada Post.

Whereas it will be crucial for the parliamentary committee to hear our views on key issues, including the importance of maintaining the moratorium on post office closures, improving the Canadian Postal Service Charter, adding postal banking, greening Canada Post, keeping decent post office jobs in our communities, preserving daily delivery, restoring home mail delivery, developing services that help older Canadians remain in their homes and providing services that assist people with disabilities,

Therefore be it resolved that (name of municipality) 1) Fill out the parliamentary committee's on line survey about Canada Post from September 26 to October 21 at parl.gc.ca/OGGO-e and encourage residents to do likewise 2) Attend the public consultations being held across the country



400 Clyde Road, P.O. Box 729 Cambridge, ON N1R 5W6

Phone: 519.621.2761 Toll free: 866.900.4722 Fax: 519.621.4844 Online: www.grandriver.ca

October 12, 2016

Karen Landry
Chief Administrative Officer / Clerk
Township of Puslinch
7404 Wellington Road 34
Puslinch, Ontario, N0B 2J0

Re: Update on City of Guelph and Guelph-Eramosa Township Water Systems Tier 3 Water Budget and Risk Assessment

Dear Karen,

In response to the request from the Township of Puslinch for an update on the City of Guelph and Guelph-Eramosa Township Water Systems Tier 3 Water Budget and Risk Assessment please find attached report SPC-16-10-03 that was presented to the Lake Erie Region Source Protection Committee meeting last Thursday, October 6, 2016.

The report provides a status update of the Guelph and Guelph-Eramosa Tier 3 study, including a brief history of the work done since the commencement of the initial study in 2008, a summary of the most recent work undertaken as part of the peer review process to complete the Water Quantity Risk Assessment, and an outline of the next steps and future work to complete the requirements under the *Clean Water Act, 2006*.

I look forward to speaking to Council about this study at their next meeting on October 19, 2016. In the meantime, should you have any questions about this material, please feel free to contact me at 519-620-7595 or by e-mail at mkeller@grandriver.ca.

Sincerely,

A handwritten signature in black ink, appearing to read "M Keller".

Martin Keller, M.Sc.
Source Protection Program Manager

LAKE ERIE REGION SOURCE PROTECTION COMMITTEE

REPORT NO. SPC-16-10-03

DATE: October 6, 2016

TO: Members of the Lake Erie Region Source Protection Committee

SUBJECT: Update on the Water Budget and Risk Assessment study for the City of Guelph and Township of Guelph-Eramosa

RECOMMENDATION:

THAT the Lake Erie Region Source Protection Committee receive report SPC-16-10-03 – Update on the Water Budget and Risk Assessment study for the City of Guelph and Township of Guelph-Eramosa – for information.

SUMMARY:

Portions of the Risk Management Measures Evaluation Process (RMMEP) have started for the Guelph/Guelph-Eramosa municipal systems, in parallel to completing the peer review process for the Water Quantity Risk Assessment (WQRA). It is expected that the final WQRA report will be presented to the SPC on December 1, 2016 together with the Peer Review Summary Report.

REPORT:

The draft WQRA report for Guelph, Hamilton Drive and Rockwood has been peer reviewed and municipally peer reviewed by the Townships of Guelph-Eramosa and Puslinch, and Town of Erin. The provincial Peer Review Committee held two meetings together with the Municipal Peer Reviewers on June 15 and June 30, 2016 to discuss outstanding municipal concerns.

As a result of increased interest in the Guelph/Guelph-Eramosa Tier 3 study this report includes more details on the peer review process than what normally would be provided to the committee.

Background

In 2008 the City of Guelph Tier 3 Water Budget project was initiated as a provincial pilot project under the *Clean Water Act, 2006*, in advance of the completion of the Tier 2 work, to conduct a Tier 3 WQRA on Guelph's municipal wells. In August 2013, the City of Guelph WQRA was peer reviewed and received peer reviewer acceptance.

At the same time, provincial funding was provided and work began to integrate Guelph-Eramosa's Rockwood and Hamilton Drive Tier 3 Risk Assessment with the Guelph Tier 3 Risk Assessment. In July 2014, the Township of Guelph Eramosa raised concerns whether "correct" information and data was provided to the consultant with respect to the Hamilton Drive and Rockwood municipal water supplies. In the fall of 2014, the review of the Guelph/Guelph-Eramosa WQRA was expanded to include the Township of Puslinch and Town of Erin.

As a result of the municipal peer reviews, the municipalities provided a series of technical concerns regarding the results and outcome of the Guelph/Guelph-Eramosa Tier 3 Risk Assessment. Although many of the initial concerns were addressed and a mutual understanding could be reached through discussions between the municipalities and the consulting team, two main issues remained unresolved, and were the primary focus of the June 15 and 30, 2016 meetings with the provincial Peer Review Committee.

Provincial Peer Review

At the June 15 and 30, 2016 meetings, the Provincial Peer Reviewers were asked to assess the municipalities' concerns and the consultant's responses, and recommend whether the Tier 3 study should be paused temporarily to allow additional information and data to be collected or whether the process should continue as scheduled.

The first issue concerned the uncertainty about the potential influence of recently observed water losses in the Eramosa River near Eden Mills Pond. At question was whether this water loss was properly accounted for in the model and whether the water would be infiltrating the Gasport Formation and therefore available as a source of municipal drinking water for the City of Guelph. The Provincial Peer Reviewers concluded that the Tier 3 model adequately represents the local conditions at a regional scale and that there is unlikely significant recharge of groundwater entering the Gasport Formation in the area around Eden Mills Pond.

The second issue was about the extent of the WHPA-Q1 in the south of Guelph in an area that is significantly influenced by large commercial groundwater takings. As per the technical rules, the extent of the WHPA-Q1 is the result of overlapping and merging of the individual drawdown cones from several pumping areas. Although there are uncertainties associated with the delineated WHPA-Q1, the Provincial Peer Reviewers were satisfied that the model is a representative approximation of the physical groundwater system within the scope of the Tier 3 technical rules.

The Provincial Peer Reviewers concluded that the model is "fit for purpose" for the completion of the water budget and risk assessment within the scope of the Tier 3 technical rules and that the study should continue as scheduled. The Provincial Peer Reviewers also recommended that these uncertainties should be addressed when opportunities for additional studies and priority field investigations arise in the future to further refine the model to represent these local effects.

Further technical studies and investigations can be considered in the submission of a work plan for updates of the Source Protection Plan including the Assessment Report. For the Grand River watershed, the next work plan is due to be submitted to the MOECC by November 30, 2019. The work plan will contain the detailed steps for the review of the plan, the portions of the plan that need to be reviewed, the consultation that would be undertaken, and the rationale for each step. Further details including eligibility criteria for funding requests have yet to be released by the MOECC.

Next Steps

The consultant is currently completing the Model Update Appendix, which documents the changes made to the model over the last two years as a result of the municipal comments. At the same time, technical discussions are ongoing to reach a mutual understanding on data interpretations in regards to shared data from other parties. Once complete, the Model Update Appendix will be circulated to the Provincial Peer Reviewers for final technical review and final sign-off. Following peer review sign-off, the completed and finalized report will be submitted to the Province for acceptance.

It is expected that the final Guelph/Guelph-Eramosa Tier 3 Water Budget and Risk Assessment (WQRA) Report and Peer Review Summary Report, which contains the full chronology of the peer review comments and responses, including the Provincial Peer Reviewers' conclusions, can be presented to the Source Protection Committee at the December 1, 2016 committee meeting. Once presented to and released by the Source Protection Committee, the final reports will be posted on the sourcewater.ca website.

Risk Management Measures Evaluation Process (RMMEP)

The completion of the WQRA will then trigger the initiation of the next phase in the project, which is the Risk Management Measures Evaluation Process (RMMEP); a technical study that evaluates and ranks the identified threats, and results in a Draft Threats Management Strategy that informs the policy development process. Initial steps of the RMMEP have already been started in conjunction with the technical work needed to address the municipal peer review comments. The current timeline estimates completion of the RMMEP in July 2017.

Policy Development Process

The policy development process will follow the completion of the RMMEP and will be led by the Lake Erie Region, in conjunction with a steering committee including municipal representation. Municipalities not directly represented on the steering committee and local stakeholders will be able to participate and provide comments through a stakeholder group. A Terms of Reference will be developed to guide the RMMEP and policy development process.

Lake Erie Region has been given a December 31, 2017 submission deadline for the updated Grand River Source Protection Plan, as stipulated in the Minister's plan approval letter from November 26, 2015. Given the delays for completing the WQRA, the timeline for submitting the updated plan will need to be revised. Staff will request an extension once the Terms of Reference for the RMMEP and policy development process has been established. The process for updating the approved plan will be through a Section 34 amendment (O. Reg. 287/07), which requires public consultation and Council resolutions from municipalities affected by the amendment.

Prepared and Approved by:



Martin Keller, M.Sc.
Source Protection Program Manager



Puslinch Fire and Rescue Service Monthly Report July/August/September 2016

Significant Events/ Incidents/Trends

Fire Safety for College & University Children

We have enjoyed a hot summer with our families and now some of us are saying good-bye to children off to study away from home for the first time. Growing up our children has benefited from their parent's fire safety planning and the excellent fire safety programs in place in the Province of Ontario.

Unfortunately, these safety nets are not in place if your child is travelling to study abroad or just even outside of Ontario. Fire Safety Guidelines may be extremely different or believe it or not, **non-existent**.

Remember these three important points:

1. **Early detection (smoke alarms)** is a must and unless smoke alarms are present and in working condition we have little hope in surviving in a residential fire. This fact doesn't change worldwide.
2. **Get out and staying out** is only possible if safety equipment is in place. You must check and inspect for exit signs in place, escape routes posted, and portable extinguishers. Each and every time you enter a building away from home you should always be aware of your exits. If you are staying in a foreign hotel take a few minutes to familiarize

yourself with the nearest two exits. **This could save your life.**

3. **Call for help.** Once you have safely exited the building, stay out and call for help. Calling **911** works really well in Canada but what would you do in France? Ireland?.....It is really important to do some homework on local fire safety and emergency systems that are in place.

The JUSTICE foundation was established as a result of a residential fire that took the lives of four exchange students studying abroad in Paris. Their Foundation is directed towards 300,000 college students who study abroad each year from the United States. Their message and goal is to ensure students, parents and educators are prepared for their study abroad. This message can be easily applied to **OUR** children travelling to school whether abroad or even just to a neighboring Province.

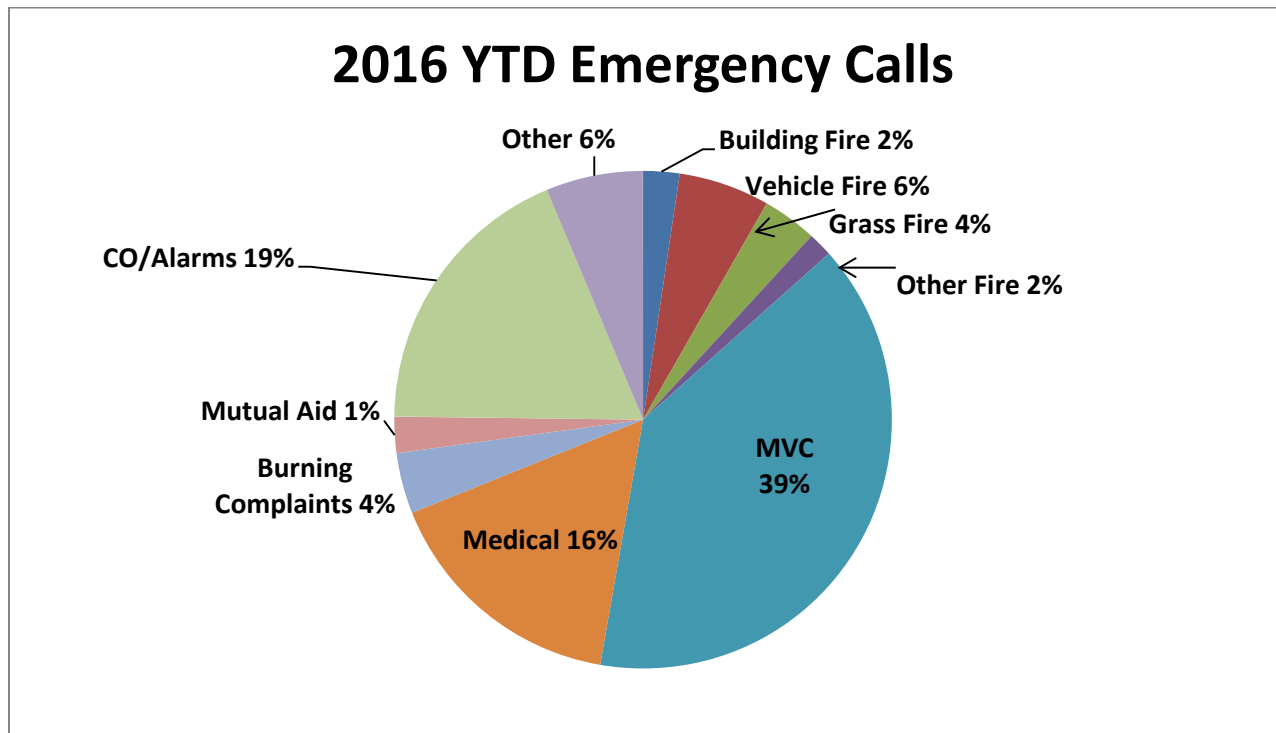
www.firesafetyfoundation.org

Please explore these free resources and share them with advisors, students and parents.

What they learn might save lives

REPORT MONTH:		2016 July					
		July Monthly Total	July 2016 YTD	July 2015 YTD	July 2014 YTD	July \$ Loss Monthly	July 2016 \$ Loss YTD
FIRE:	Structure	1	4	6	7	\$0	\$3,123,000
	Vehicular	1	10	10	11	\$160,000	\$226,000
	Grass and Bush	0	7	7	3	\$0	\$0
	Other	0	1	2	4	0	
		Monthly	2016 YTD	2015 YTD	2014 YTD		
Motor Vehicle Collisions		11	73	83	106		
Medical Assist		4	29	41	32		
Mutual Aid		3	6	8	4		
Carbon Monoxide		0	11	9	6		
Automatic Alarm		6	31	22	22		
Burning Complaints		2	7	10	11		
Incorrect Page		0	0	1	4		
Other		1	10	7	22		
TOTALS:		Monthly	2016 YTD	2015 YTD	2014 YTD		
		29	189	206	222		
Estimated Total Dollar Loss Due to Fire		\$160,000	\$3,349,000	\$123,000	\$505,000		
REPORT MONTH:		2016 August					
		August Monthly Total	August 2016 YTD	August 2015 YTD	August 2014 YTD	August \$ Loss Monthly	August 2016 \$ Loss YTD
FIRE:	Structure	2	6	6	7	\$0	\$3,123,000
	Vehicular	3	13	11	14	\$26,000	\$252,000
	Grass and Bush	2	9	7	3	\$0	\$0
	Other	2	3	2	4	\$5000	\$5000
		Monthly	2016 YTD	2015 YTD	2014 YTD		
Motor Vehicle Collisions		15	88	93	118		
Medical Assist		8	37	49	37		
Mutual Aid		0	6	8	4		
Carbon Monoxide		0	11	10	6		
Automatic Alarm		1	32	31	25		
Burning Complaints		1	8	10	13		
Incorrect Page		0	0	1	4		
Other		3	13	7	14		
TOTALS:		Monthly	2016 YTD	2015 YTD	2014 YTD		
		37	226	235	249		
Estimated Total Dollar Loss Due to Fire		\$31,000	\$3,380,000	\$123,000	\$505,000		

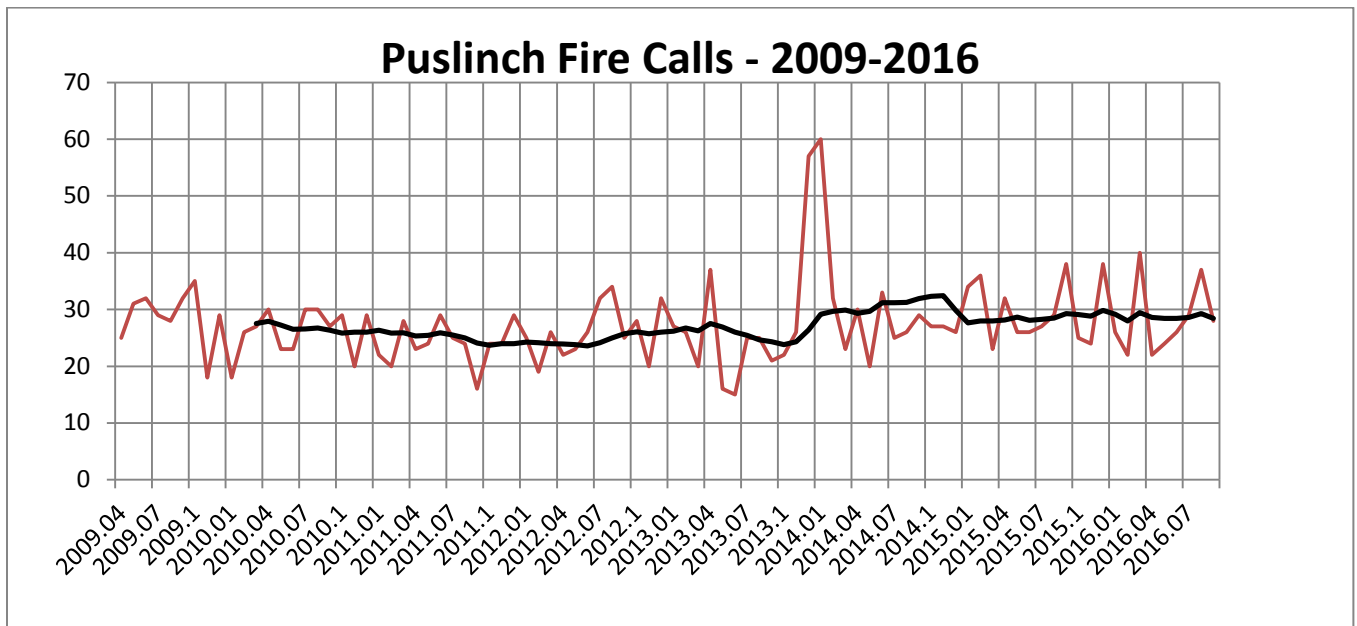
REPORT MONTH:		2016 September					
		Sept Monthly Total	Sept 2016 YTD	Sept 2015 YTD	Sept 2014 YTD	Sept \$ Loss Monthly	Sept 2016 \$ Loss YTD
FIRE:	Structure	0	6	8	7	\$0	\$3,123,000
	Vehicular	2	15	13	16	\$150,000	\$402,000
	Grass and Bush	0	9	7	3	\$0	\$0
	Other	1	4	2	6	\$0	\$5000
		Monthly	2016 YTD	2015 YTD	2014 YTD		
Motor Vehicle Collisions		12	100	108	130		
Medical Assist		4	41	62	44		
Mutual Aid		0	6	8	5		
Carbon Monoxide		4	15	12	6		
Automatic Alarm		0	32	32	28		
Burning Complaints		2	10	11	14		
Incorrect Page		0	0	1	4		
Other		3	16	9	15		
TOTALS:		Monthly	2016 YTD	2015 YTD	2014 YTD		
		28	254	273	278		
Estimated Total Dollar Loss Due to Fire		\$150,000	\$3,530,000	\$368,000	\$505,000		
Highway 401 Incidents		6	67				



Prevention & Public Education

2016 July/August/September

Activity:	Monthly Total	2016 YTD
Inspections	5	13
Water Tank Inspection	61	92
Investigations	2	12
Emergency Planning	4	8
Public Education Volunteer	4	12
Public Education Paid	6	14
Meeting	11	27
Home Safe Home Campaign	0	0



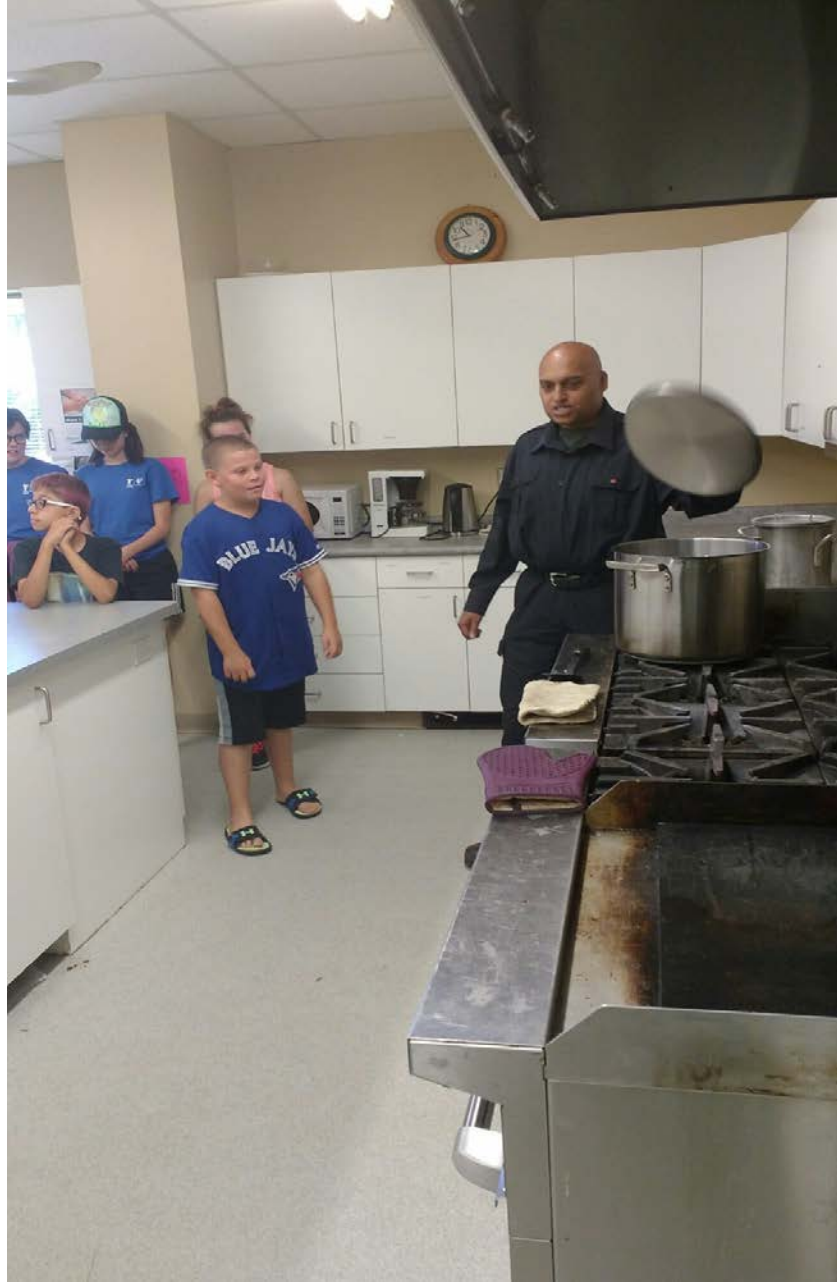
Professional Development

Activity	Month	Day
CPR and Defibrillator	September	27/28
Medical	October	04/05
Reading Smoke	October	11/12
New Quint Familiarization	October	18/19/25/26
Ambulance Vehicle Familiarization	November	01/02
Post Traumatic Stress Disorder	November	08/09
Flashover Awareness	November	22/23/29/30

Sept



YMCA Power Camp



Kulinary Cooking Safety Class



Fire Hall Tour



Plane Crash Watson Road



Highway 401 Crash



Highway 401 Crash



REPORT FIN-2016-018

TO: Mayor and Members of Council

FROM: Mary Hasan, Director of Finance/Treasurer

MEETING DATE: October 19, 2016

SUBJECT: Municipal Performance Measurement Program Report for 2015
File No. F00 MUN

RECOMMENDATIONS

That Report FIN-2016-018 regarding the Municipal Performance Measurement Program Report for 2015 be received; and

That staff publish notice in the Puslinch Pioneer and Township website regarding the availability of the Municipal Performance Measurement Program Report for 2015.

DISCUSSION

Purpose

The purpose of this report is to provide Council with information regarding the Municipal Performance Measurement Program (MPMP) for 2015 and to publish notice in the Puslinch Pioneer and Township website regarding the availability of this information.

Background

Section 299 of the Municipal Act, 2001 specifies a municipality to provide the Ministry of Municipal Affairs and Housing with information measuring the efficiency and effectiveness of a municipality's operations. The requirement is to provide this information to the Ministry in Schedule 80D of the Financial Information Return (FIR). These measures form the MPMP, a performance measurement and reporting system that promotes local government transparency and accountability.

The Township's performance measures are outlined in Schedule A to Report FIN-2016-018. The Township will post these results on the Township website. The Township has reported Schedule 80D of the FIR which forms the MPMP to the Ministry of Municipal Affairs and Housing in compliance with the Municipal Act, 2001. Notification on the availability of the Township's MPMP will be advertised in the November issue of the Puslinch Pioneer and the Township website.

FINANCIAL IMPLICATIONS

For the measures required to be reported in Schedule 80D of the FIR, the 2015 results for those specific measures listed in Schedule A coincide with those reported to the province in the Township's 2015 Financial Information Return, Schedule 80D, submitted to the Ministry of Municipal Affairs and Housing on September 29, 2016.

APPLICABLE LEGISLATION AND REQUIREMENTS

Section 299 of the Municipal Act, 2001

ATTACHMENTS

Schedule A: 2015 MPMP Template – Township of Puslinch

Schedule A to Report FIN-2016-018

The Township of Puslinch Municipal Performance Measurement Program (MPMP) • 2015 RESULTS

Questions about MPMP results should be addressed to:

Name: Mary Hasan	Phone: 519-763-1226 ext. 222
Title: Director of Finance/Treasurer	
Municipality: Township of Puslinch	
Email: mhasan@puslinch.ca	

Related documents and links:

Asset Management Plan for the Township of Puslinch - dated December 2013
Schedule 02, 22A, 24A, 40, 80A, 80D of the 2015 Financial Information Return.
Township of Puslinch Recreation and Parks Master Plan - dated May 2015
2015 Land Use Performance Measures (PD2016-13)
Township of Puslinch 2014 Development Charges Background Study - Appendix B Level of Service

Local Government

1.1 GENERAL GOVERNMENT - EFFICIENCY					
	2015	2014	2013	2012	2011
1.1 a) Operating costs for governance and corporate management as a percentage of total municipal operating costs.	23.9%	26.9%	29.8%	33.8%	25.9%
1.1 b) Total costs for governance and corporate management as a percentage of total municipal costs.	17.6%	19.5%	20.0%	22.2%	16.0%
OBJECTIVE: Efficient local government.					
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: None noted.					
REFERENCE: Total costs mean operating costs as defined in MPMP, plus amortization and interest on long term debt, less revenue received from other municipalities for tangible capital assets. (Schedule 40).					

Fire Services

2.1 FIRE SERVICES – EFFICIENCY					
	2015	2014	2013	2012	2011
2.1 a) Operating costs for fire services per \$1,000 of assessment.	\$ 0.40	\$ 0.40	\$ 0.38	\$ 0.42	\$ 0.40
2.1 b) Total costs for fire services per \$1,000 of assessment.	\$ 0.45	\$ 0.45	\$ 0.43	\$ 0.50	\$ 0.53
OBJECTIVE: Efficient fire services.					
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: Year over year assessment growth is shown below: 2015 - \$1,971,225,528 (6.3% increase from 2014) 2014 - \$1,854,567,269 (8.3% increase from 2013) 2013 - \$1,711,996,832 (7.9% increase from 2012) 2012 - \$1,586,185,578 (8.7% increase from 2011) 2011 - \$1,459,271,407 (9.5% increase from 2010)					
REFERENCE: Total costs mean operating costs as defined in MPMP, plus amortization and interest on long term debt, less revenue received from other municipalities for tangible capital assets. Assessment amounts obtained from Schedule 22A, 24A and 80D					

2.2 & 2.3 CIVILIAN FIRE RELATED INJURIES – EFFECTIVENESS

	2015	2014	2013	2012	2011
2.2 Number of residential fire related civilian injuries per 1,000 persons.	0.000	0.000	0.000	0.000	0.000
2.3 Number of residential fire related civilian injuries averaged over 5 years per 1,000 persons.	0.000	0.000	0.000	0.000	0.000

OBJECTIVE:

Minimize the number of civilian injuries in residential fires.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

None noted

2.4 & 2.5 CIVILIAN FIRE RELATED FATALITIES - EFFECTIVENESS

	2015	2014	2013	2012	2011
2.4 Number of residential fire related civilian fatalities per 1,000 persons.	0.000	0.000	0.000	0.000	0.000
2.5 Number of residential fire related civilian fatalities averaged over 5 years per 1,000 persons.	0.000	0.000	0.000	0.000	0.000

OBJECTIVE:

Minimize the number of civilian fatalities in residential fires.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

None noted

2.6 NUMBER OF RESIDENTIAL STRUCTURAL FIRES – EFFECTIVENESS

	2015	2014	2013	2012	2011
2.6 Number of residential structural fires per 1,000 households.	1.678	1.685	3.058	0.342	1.053

OBJECTIVE:

Minimize the number of residential structural fires.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

The number of residential structural fires from 2011 to 2015 is indicated below:

- 2015 - 5
- 2014 - 5
- 2013 - 9
- 2012 - 1
- 2011 - 3

Building Permits & Inspection Services

3.1 BUILDING PERMITS & INSPECTION SERVICES – EFFICIENCY			
	2015	2014	2013
3.1 a) Operating costs for building permits and inspection services per \$1,000 of construction activity, averaged over three years (based on permits issued).	\$ 10.98	\$ 7.92	\$ 8.47
3.1 b) Total costs, net of interest on long term debt, for building permits and inspection services per \$1,000 of construction activity, averaged over three years, (based on permits issued).	\$ 10.98	\$ 7.92	\$ 8.54
OBJECTIVE: Efficient building permits and inspection services.			
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: 2015 Construction Value - \$31,828,300 2014 Construction Value - \$24,807,847 2013 Construction Value - \$35,856,325 2012 Construction Value - \$63,144,400			
REFERENCE: <ul style="list-style-type: none"> In 2013, the formula for the denominator of the MPMP efficiency measures for building permits and inspection services was changed to a three year average for total construction activity, divided by \$1,000. 			

3.2 REVIEW OF COMPLETE BUILDING PERMIT APPLICATIONS – EFFECTIVENESS					
	2015	2014	2013	2012	2011
3.2 Median number of days to review a complete building permit application and issue a permit or not issue a permit, and provide all reasons for refusal:					
a) Category 1: Houses (houses not exceeding 3 storeys/600 square metres). Reference: provincial standard is 10 working days.	10	10	9	9	8
b) Category 2: Small Buildings (small commercial/industrial not exceeding 3 storeys/600 square metres). Reference: provincial standard is 15 working days.	15	15	12	12	14
c) Category 3: Large Buildings (large residential/commercial/ industrial/ institutional). Reference: provincial standard is 20 working days.	20	20	20	18	20
d) Category 4: Complex buildings (post disaster buildings, including hospitals, power/water, fire/police/EMS, communications). Reference: provincial standard is 30 working days.	N/A	N/A	N/A	N/A	N/A
OBJECTIVE: Complete building permit applications are processed quickly and accurately.					
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: None noted					
REFERENCE: <ul style="list-style-type: none"> The effectiveness measure reporting the number of working days to review complete building permit applications was introduced in 2011. 					

3.3 Building Permits and Inspection Services - Effectiveness
Category 1: Houses
(houses not exceeding 3 storeys/600 square metres)

		2015	2014	2013
3.3 a)	The number and percentage of building permit applications which are submitted and accepted by the municipality as complete applications .	246	194	184
	#			
3.3 a)		96%	96%	90%
	%			
3.3 b)	The number and percentage of building permit applications which are submitted and accepted by the municipality as incomplete applications .	9	8	21
	#			
3.3 b)		4%	4%	10%
	%			
3.3 c)	The subtotal for the number of complete and incomplete building permit applications.	255	202	205
	#			
OBJECTIVE: Safe communities.				
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: None noted				
REFERENCE: <ul style="list-style-type: none"> In 2013, effectiveness measures were introduced that record the number and percentage of complete and incomplete building permit applications, by category. 				

3.3 Building Permits and Inspection Services - Effectiveness

Category 2:

Small Buildings (small commercial/industrial not exceeding 3 storeys/600 square metres)

		2015	2014	2013
3.3 a)	The number and percentage of building permit applications which are submitted and accepted by the municipality as complete applications .	4	2	8
3.3 a)	#			
	%	100%	100%	100%
3.3 b)	The number and percentage of building permit applications which are submitted and accepted by the municipality as incomplete applications .	0	0	0
3.3 b)	#			
	%	0%	0%	0%
3.3 c)	The subtotal for the number of complete and incomplete building permit applications.	4	2	8
	#			
OBJECTIVE:				
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: None noted				
REFERENCE: <ul style="list-style-type: none"> In 2013, effectiveness measures were introduced that record the number and percentage of complete and incomplete building permit applications, by category. 				

3.3 Building Permits and Inspection Services - Effectiveness
Category 3:
Large Buildings (large residential/commercial/ industrial/ institutional)

		2015	2014	2013	
3.3 a)	The number and percentage of building permit applications which are submitted and accepted by the municipality as complete applications .	#	6	5	1
3.3 a)		%	100%	100%	100%
3.3 b)	The number and percentage of building permit applications which are submitted and accepted by the municipality as incomplete applications .	#	0	0	0
3.3 b)		%	0%	0%	0%
3.3 c)	The subtotal for the number of complete and incomplete building permit applications.	#	6	5	1
OBJECTIVE:					
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: None noted					
REFERENCE: <ul style="list-style-type: none"> In 2013, effectiveness measures were introduced that record the number and percentage of complete and incomplete building permit applications, by category. 					

		2015	2014	2013
3.4	The total number of building permit applications submitted and accepted by the municipality (all categories)			
		265	209	214
OBJECTIVE:				
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: None noted				
REFERENCE: <ul style="list-style-type: none"> Introduced in 2013. 				

Roads

4.1 PAVED ROADS – EFFICIENCY					
	2015	2014	2013	2012	2011
4.1 a) Operating costs for paved (hard top) roads per lane kilometre. ¹	\$ 2,353.71	\$ 2,677.92	\$ 1,974.36	\$ 2,403.40	\$ 2,181.38
4.1 b) Total costs for paved (hard top) roads per lane kilometre.	\$ 5,793.18	\$ 6,371.33	\$ 5,799.94	\$ 7,128.89	\$ 7,218.20
OBJECTIVE: Efficient maintenance of paved roads.					
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: The Asset Management Plan for the Township completed in December 2013 resulted in total paved (hard top) roads per lane kilometer of 272 kilometers. Operating costs in Transportation Services are consistent year over year: 2015 - 1,284,314 2014 - 1,223,834 2013 - 1,216,942					
REFERENCE: <ul style="list-style-type: none"> • ¹ The formulas for efficiency measures for paved roads were revised in 2010 to net out revenue received from utilities for utility cut repairs. • The total cost measure was also revised in 2010. Total costs mean operating costs as defined in MPMP, plus amortization and interest on long term debt, less revenue received from other municipalities for tangible capital assets. 					

4.2 UNPAVED ROADS – EFFICIENCY					
	2015	2014	2013	2012	2011
4.2 a) Operating costs for unpaved (loose top) roads per lane kilometre.	\$ 1,764.14	\$ 1,687.91	\$ 1,953.60	\$ 1,546.73	\$ 1,383.54
4.2 b) Total costs for unpaved (loose top) roads per lane kilometre.	\$ 5,374.70	\$ 5,565.04	\$ 5,969.47	\$ 6,186.31	\$ 5,504.58
OBJECTIVE: Efficient maintenance of unpaved roads.					
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: The Asset Management Plan for the Township completed in December 2013 resulted in total unpaved roads per lane kilometer of 106 kilometers. Operating costs in Transportation Services are consistent year over year: 2015 - 1,284,314 2014 - 1,223,834 2013 - 1,216,942					
REFERENCE: <ul style="list-style-type: none"> The formulas for efficiency measures were revised in 2009 to reflect changes in the reporting of expenses consistent with accrual accounting concepts. New total cost measures were introduced and revised in 2010. Total costs mean operating costs as defined in MPMP, plus amortization and interest on long term debt, less revenue received from other municipalities for tangible capital assets. 					

4.3 BRIDGES AND CULVERTS – EFFICIENCY					
	2015	2014	2013	2012	2011
4.3 a) Operating costs for bridges and culverts per square metre of surface area.	\$ 18.00	\$ 17.23	\$ 26.37	\$ 9.13	\$ 9.82
4.3 b) Total costs for bridges and culverts per square metre of surface area.	\$ 30.29	\$ 30.41	\$ 40.03	\$ 18.00	\$ 19.28
OBJECTIVE: Efficient maintenance of bridges and culverts.					
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: The Asset Management Plan for the Township completed in December 2013 resulted in total square metres of surface area on bridges and culverts of 1,154 square metres compared to the 1,935 square metres recorded in the 2012 MPMP. This has resulted in higher operating and total costs per square metre of surface area commencing in 2013 compared to previous years. Also, the Township has one less bridge commencing in 2013 (2012 disposal of Stroy's Bridge). Operating costs in Transportation Services are consistent year over year: 2015 - 1,284,314 2014 - 1,223,834 2013 - 1,216,942					
REFERENCE: <ul style="list-style-type: none"> • New total cost measures were introduced and revised in 2010. Total costs mean operating costs as defined in MPMP, plus amortization and interest on long term debt, less revenue received from other municipalities for tangible capital assets. 					

4.4 WINTER MAINTENANCE OF ROADS – EFFICIENCY					
	2015	2014	2013	2012	2011
4.4 a) Operating costs for winter maintenance of roadways per lane kilometre maintained in winter.	\$ 797.03	\$ 762.59	\$ 882.62	\$ 687.54	\$ 737.58
4.4 b) Total costs for winter maintenance of roadways per lane kilometre maintained in winter.	\$ 797.03	\$ 762.59	\$ 882.62	\$ 687.54	\$ 737.58
OBJECTIVE: Efficient winter maintenance of roads.					
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: The Asset Management Plan for the Township completed in December 2013 resulted in total unpaved roads per lane kilometer of 106 kilometers and total paved (hard top) roads per lane kilometer of 272 kilometers. Therefore, the lane kilometers of winter maintained roadways amount to 378 lane kilometers. Operating costs in Transportation Services are consistent year over year: 2015 - 1,284,314 2014 - 1,223,834 2013 - 1,216,942					
REFERENCE: <ul style="list-style-type: none"> • New total cost measures were introduced and revised in 2010. Total costs mean operating costs as defined in MPMP, plus amortization and interest on long term debt, less revenue received from other municipalities for tangible capital assets. 					

4.5 ADEQUACY OF PAVED ROADS – EFFECTIVENESS					
	2015	2014	2013	2012	2011
4.5 Percentage of paved lane kilometres where the condition is rated as good to very good. ¹	46%	46%	46%	54%	54%
OBJECTIVE: Pavement condition meets municipal objectives.					
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: The Asset Management Plan for the Township completed in December 2013 provided the percentage of paved lane kilometres where the condition is rated as good to very good.					
REFERENCE: <ul style="list-style-type: none"> • ¹ Pavement condition is rated using a Pavement Condition Index (PCI) such as the Index used by the Ontario Good Roads Association (OGRA) or the Ministry of Transportation's Roads Inventory Management System (RIMS). 					

4.6 ADEQUACY OF BRIDGES AND CULVERTS – EFFECTIVENESS

		2015	2014	2013	2012	2011
4.6	Percentage of bridges and culverts where the condition is rated as good to very good. ¹	78%	65%	61%	90%	88%

OBJECTIVE:

Safe bridges and culverts.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

The Asset Management Plan for the Township completed in December 2013 provided the percentage of bridges and culverts where the condition is rated as good to very good. The increased percentage from 2013 to present relates to the following:

2014 - Construction for French's Bridge (Asset No. 1007)

2015 - Construction for Gore Road Culvert (Asset No. 2017), Gore Road Dual Culvert (Asset No. 2018), Leslie Road Culvert (Asset No. 2014)

REFERENCE:

- A bridge or culvert is rated as being in good to very good condition if distress to the primary components is minimal, requiring only maintenance. Primary components are the main load carrying components of the structure, including the deck, beams, girders, abutments, foundations, etc.

Storm Water

5.1 RURAL STORM WATER MANAGEMENT – EFFICIENCY					
	2015	2014	2013	2012	2011
5.1 a) Operating costs for rural storm water management (collection, treatment, disposal) per kilometre of drainage system.	\$ -	\$ 683.30	\$ 1,157.10		
5.1 b) Total costs for rural storm water management (collection, treatment, disposal) per kilometre of drainage system.	\$ 1,940.50	\$ 3,105.20	\$ 4,029.60		
OBJECTIVE: Efficient rural storm water management.					
NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS: 2013 was the first full year of tracking the cost for this work activity. These costs are the engineering costs and the interest costs for the loan related to the Carroll Pond Municipal Drain. The engineering and interest expense costs were previously allocated to General Government and Roads respectively. In 2015 there are no longer any operational engineering costs associated with the Carroll Pond water monitoring. There are interest costs of \$19,405 in 2015. There are also future capital costs associated with the cleaning out of the cells which are noted in the 2016 Capital Budget and Forecast.					
REFERENCE: • New total cost measures were introduced and revised in 2010. Total costs mean operating costs as defined in MPMP, plus amortization and interest on long term debt, less revenue received from other municipalities for tangible capital assets.					

Parks and Recreation

6.1 PARKS – EFFICIENCY

	2015	2014	2013	2012	2011
6.1 a) Operating costs for parks per person.	\$ 7.41	\$ 8.44			
6.1 b) Total costs for parks per person.	\$ 7.41	\$ 8.44			

OBJECTIVE:

Efficient operation of parks.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

Commencing in 2014, the Township has segregated expenses and revenues related to the Parks cost centre by creating separate general ledger accounts for Parks. As these costs were being tracked separately in 2014 and onwards, there are not any comparative figures from 2011 to 2013 to report on.

REFERENCE:

- New total cost measures were introduced and revised in 2010. Total costs mean operating costs as defined in MPMP, plus amortization and interest on long term debt, less revenue received from other municipalities for tangible capital assets.

6.2 RECREATION FACILITIES – EFFICIENCY

	2015	2014	2013	2012	2011
6.2 a) Operating costs for recreation facilities per person.	\$ 58.31	\$ 63.45	\$ 54.97	\$ 47.60	\$ 58.79
6.2 b) Total costs for recreation facilities per person.	\$ 74.11	\$ 78.87	\$ 81.16	\$ 52.23	\$ 58.79

OBJECTIVE:

Efficient operation of recreation facilities.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

The increase in total costs for recreation facilities relates to the Optimist Recreation Centre's Amortization Expense (in 2013 this was an in-serviced asset subject to amortization). In 2011 and 2012, this asset was identified in the Construction in Progress category and therefore not subject to amortization expense.

REFERENCE:

- New total cost measures were introduced and revised in 2010. Total costs mean operating costs as defined in MPMP, plus amortization and interest on long term debt, less revenue received from other municipalities for tangible capital assets.

6.3 TRAILS – EFFECTIVENESS

	2015	2014	2013	2012	2011
6.3 a) Total kilometres of trails.	33.27	33.27	21.20	21.20	21.20
6.3 b) Total kilometres of trails per 1,000 persons.	5.23	5.22	3.33	3.33	3.33

OBJECTIVE:

Trails provide recreation opportunities. This includes trails provided by the Township and third parties.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

33.270 kilometers of trails based on Township of Puslinch Recreation and Parks Master Plan dated May 2015.

Badenoch Tract – 1 km

Lakeshore Lookout Trail (Mountsberg Conservation Area) – 5 km

Little Tract Trail – 8 km

Smith Side Trail (Radial Line Trail) – 3 km

Speed River Trail - 9 km (added in 2014 in accordance with Recreation and Parks Master Plan)

Starkey Hill Trail – 4 km

Telfer Glen Park Trail - 270 metres

Quarry Trail (Fletchers Creek Ecological Preserve) - 3 km (added in 2014 in accordance with Recreation and Parks Master Plan)

6.4 OPEN SPACE – EFFECTIVENESS

	2015	2014	2013	2012	2011
6.4 a) Hectares of open space (municipally owned).	22	22	22	18	18
6.4 b) Hectares of open space per 1,000 persons (municipally owned).	3.5	3.5	3.5	3.0	3.0

OBJECTIVE:

Open space is adequate for population.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

22 hectares of open space (municipally owned) based on Township of Puslinch Recreation and Parks Master Plan dated May 2015.

The open space reflected in the 22 hectares above includes the following:

Badenoch Community Centre open space - 0.4 hectares

Badenoch Soccer Pitch - 2.2 hectares

Boreham Park (also known as Arkell Park) - 0.9 hectares

Fox Run Park - 2.3 hectares

Historic Corner Block Park - 0.13 hectares

Morrison Meadows Park - 2.5 hectares

Old Morrison Ball Field - 2.5 hectares

Puslinch Community Centre open space - 9.8 hectares

Telfer Glen Park - 1.5 hectares

**6.5 PARTICIPANT HOURS FOR RECREATION PROGRAMS
EFFECTIVENESS**

	2015	2014	2013	2012	2011
6.5 Total participant hours for recreation programs per 1,000 persons.	1,382.8	1,463.3	969.8	705.1	723.1

OBJECTIVE:

Recreation programs serve needs of residents.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

This relates to drop-in gym (ie. open gym, parents and tots) and ice rink (free skate, sticks and pucks, shinny hockey) supervised participant hours at the Optimist Recreation Centre.

Participant Hours by Year:

2015 - 8,796 (gym - 5,136 supervised hours and ice - 3,660 supervised hours).

2014 - 9,320 (gym -5,790 supervised hours and ice- 3,530 supervised hours)

2013 - 6,108 (gym - 4,728 supervised hours and ice - 1,380 supervised hours)

2012 - 4,432

6.6 INDOOR RECREATION FACILITY SPACE – EFFECTIVENESS

	2015	2014	2013	2012	2011
6.6 a) Square metres of indoor recreation facilities (municipally)	1,582	1,582	1,582	2,237	2,237
6.6 b) Square metres of indoor recreation facilities per 1,000 persons (municipally owned).	248.7	248.4	251.2	356.0	365.0

OBJECTIVE:

Indoor recreation facility space is adequate for population.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

Square metres of indoor recreation facilities were obtained from the 2014 Development Charges Study.

The indoor recreational facilities reflected in the 1,582 square metres above includes the following:

Badenoch Community Centre - 139.4 square metres

Puslinch Community Centre - 773.2 square metres

Gym and change rooms of the Optimist Recreation Centre - 668.9 square metres

6.7 OUTDOOR RECREATION FACILITY SPACE – EFFECTIVENESS

	2015	2014	2013	2012	2011
6.7 a) Square metres of outdoor recreation facility space (municipally owned).	1,707	1,707	1,707	37,870	37,870
6.7 b) Square metres of outdoor recreation facility space per 1,000 persons (municipally owned).	268.4	268.0	271.0	6,028.3	6,178.8

OBJECTIVE:

Outdoor recreation facility space is adequate for population.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

Square metres of outdoor recreation facilities were obtained from the 2014 Development Charges Study. The outdoor recreational facilities reflected in the 1,707 square metres above includes the following:

- Concession Booth, Morriston Meadows - 46.5 square metres
- Picnic Pavilion, Morriston Meadows - 111.5 square metres
- Concession Booth, Old Morriston Park - 37.2 square metres
- Equipment Storage, Aberfoyle - 297.3 square metres
- Concession Booth, Aberfoyle - 23.4 square metres
- Announcer's Booth and Storage, Aberfoyle - 27.9 square metres
- Outdoor Rink, Optimist Recreation Centre - 1,152 square metres
- Equipment Storage, Badenoch Soccer Pitch - 11.1 square metres

Land Use Planning

7.1 LOCATION OF NEW RESIDENTIAL DEVELOPMENT – EFFECTIVENESS

	2015	2014	2013	2012	2011
7.1 Percentage of new residential units located within settlement areas.	3%	5%	0%	3%	0%

OBJECTIVE:

New residential development is occurring within settlement areas.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

These figures are based on the Land Use Planning Performance Measures obtained from the Planning department of the County of Wellington.

7.2 PRESERVATION OF AGRICULTURAL LAND DURING REPORTING YEAR EFFECTIVENESS

	2015	2014	2013	2012	2011
7.2 Percentage of land designated for agricultural purposes which was not re-designated for other uses during the reporting year.	100.00%	99.98%	100.00%	100.00%	100.00%

OBJECTIVE:

Preservation of agricultural land.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:

January 1, 2014 - 20,611 hectares

December 31, 2014 - 20,607 hectares

December 31, 2015 - 20,607 hectares

These figures are based on the Land Use Planning Performance Measures obtained from the Planning department of the County of Wellington.

**7.3 PRESERVATION OF AGRICULTURAL LAND RELATIVE TO 2000
EFFECTIVENESS**

		2015	2014	2013	2012	2011
7.3	Percentage of land designated for agricultural purposes which was not re-designated for other uses relative to the base year of 2000.	99.75%	99.75%	99.77%	99.77%	99.77%

OBJECTIVE:
Preservation of agricultural land.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:
Agricultural land in the Township amounts to 20,607 hectares as of December 31, 2015. The number of hectares of agricultural land in January 1, 2000 was 20,658 hectares. These figures are based on the Land Use Planning Performance Measures obtained from the Planning department of the County of Wellington.

**7.4 CHANGE IN NUMBER OF AGRICULTURAL HECTARES DURING REPORTING YEAR
EFFECTIVENESS**

		2015	2014	2013	2012	2011
7.4	Number of hectares of land originally designated for agricultural purposes which was re-designated for other uses during the reporting year.	0	4	0	0	0

OBJECTIVE:
Preservation of agricultural land.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:
Agricultural land in the Township amounted to 20,607 hectares as of January 1, 2015 and 20,607 hectares as of December 31, 2015. These figures are based on the Land Use Planning Performance Measures obtained from the Planning department of the County of Wellington.

In 2014, there was an expansion to the urban boundary on the West side of Highway 6 and the South side of Church Street. Four properties which used to be designated as Agricultural are now part of the Urban Centre of Morriston in accordance with Official Plan Amendment No. 81.

**7.5 CHANGE IN NUMBER OF AGRICULTURAL HECTARES SINCE 2000
EFFECTIVENESS**

	2015	2014	2013	2012	2011
7.5 Number of hectares of land originally designated for agricultural purposes which was re-designated for other uses since January 1, 2000.	51	51	47	47	47

OBJECTIVE:
Preservation of agricultural land.

NOTES & KEY FACTORS FOR UNDERSTANDING RESULTS:
Agricultural land in the Township amounts to 20,607 hectares as of December 31, 2015. The number of hectares of agricultural land in January 1, 2000 was 20,658 hectares. These figures are based on the Land Use Planning Performance Measures obtained from the Planning department of the County of Wellington.



REPORT FIN-2016-025

TO: Mayor and Members of Council

FROM: Mary Hasan, Director of Finance/Treasurer

MEETING DATE: October 19, 2016

SUBJECT: Ontario Community Infrastructure Fund – Formula-Based
Component – Execution of Contribution Agreement
File No. L04 OCI

RECOMMENDATIONS

That Report FIN-2016-025 regarding Ontario Community Infrastructure Fund – Formula-Based Component – Execution of Contribution Agreement be received; and

That Council enact a By-law authorizing the entering into an Agreement with Her Majesty the Queen in Right of Ontario as represented by the Minister of Agriculture, Food and Rural Affairs in order to participate in the Ontario Community Infrastructure Fund – Formula-Based Component.

DISCUSSION

Purpose

The purpose of this report is to recommend that Council enact a By-law authorizing the entering into an Agreement with Her Majesty the Queen in Right of Ontario as represented by the Minister of Agriculture, Food and Rural Affairs in order to participate in the Ontario Community Infrastructure Fund (OCIF) – Formula-Based Component.

Background

The Government of Ontario has created the OCIF – Formula-Based Component to:

- Provide stable funding to help small communities address critical core infrastructure needs in relation to roads, bridges, water and wastewater;
- Further strengthen municipal asset management practices within small communities; and

- Help small communities use a broad range of financial tools to address critical infrastructure challenges and provide long-term support for rehabilitation and repair of core infrastructure for those in most need.

Funding Allocation

The Formula-Based Component of the OCIF is based on the Township’s local fiscal circumstances and its total core infrastructure assets with a minimum grant of fifty thousand dollars (\$50,000.00) being provided to municipalities.

The Township’s formula-based funding allocation in 2015 and 2016 was \$42,878 per year. The Township’s future formula-based funding allocation as outlined in the Allocation Notice dated July 2016 is outlined below:

Funding Year	Annual Financial Assistance
2017	\$75,822
2018 proposed	\$107,836
2019 proposed	\$169,421

Under the new funding agreement, the Township is able to save funds from one funding year to use in later funding years. Saved funds from one funding year must be spent within five funding years of the year the funds were received (ie. if funds received in 2017, must be spent by December 31, 2021).

Eligible Project Categories

Eligible projects include:

- The development and implementation of asset management plans (e.g. software, training, inspections) and the implementation of Composite Correction Program recommendations.
- Capital projects and capital maintenance for the renewal, rehabilitation and replacement of core infrastructure assets or capital construction of new core infrastructure that addresses an existing health or safety issue, including:
 - Water:
 - Water treatment, and
 - Water distribution/transmission.
 - Wastewater:
 - Wastewater treatment and disposal,
 - Sanitary sewer systems, and
 - Storm sewer systems (urban and rural).
 - Roads:
 - Paved roads,
 - Unpaved roads,

- Bus-only lanes,
- Street lighting may be included as an eligible item when part of a road project, and
- Sidewalks and/or cycling lanes located along an existing road.
- Bridges and Culverts:
 - Sidewalks and/or cycling lanes located along an existing road.

Ineligible projects are any project not part of the Township's Asset Management Plan, and also includes:

- Projects that are routine upgrades or improvements to storm water infrastructure and drainage (Note: an eligible project must eliminate or significantly reduce the potential for serious damages to adjacent critical infrastructure (e.g. roads, bridges, etc.));
- Growth-related expansion projects (e.g. new subdivision infrastructure);
- Infrastructure expansion projects to accommodate future employment or residential development on greenfield sites; and
- Recreational trail projects.

FINANCIAL IMPLICATIONS

The proposed 2017 budget and forecast includes Public Works projects which are currently funded by the Ontario Community Infrastructure Fund – Formula Based Component.

APPLICABLE LEGISLATION AND REQUIREMENTS

Not applicable

ATTACHMENTS

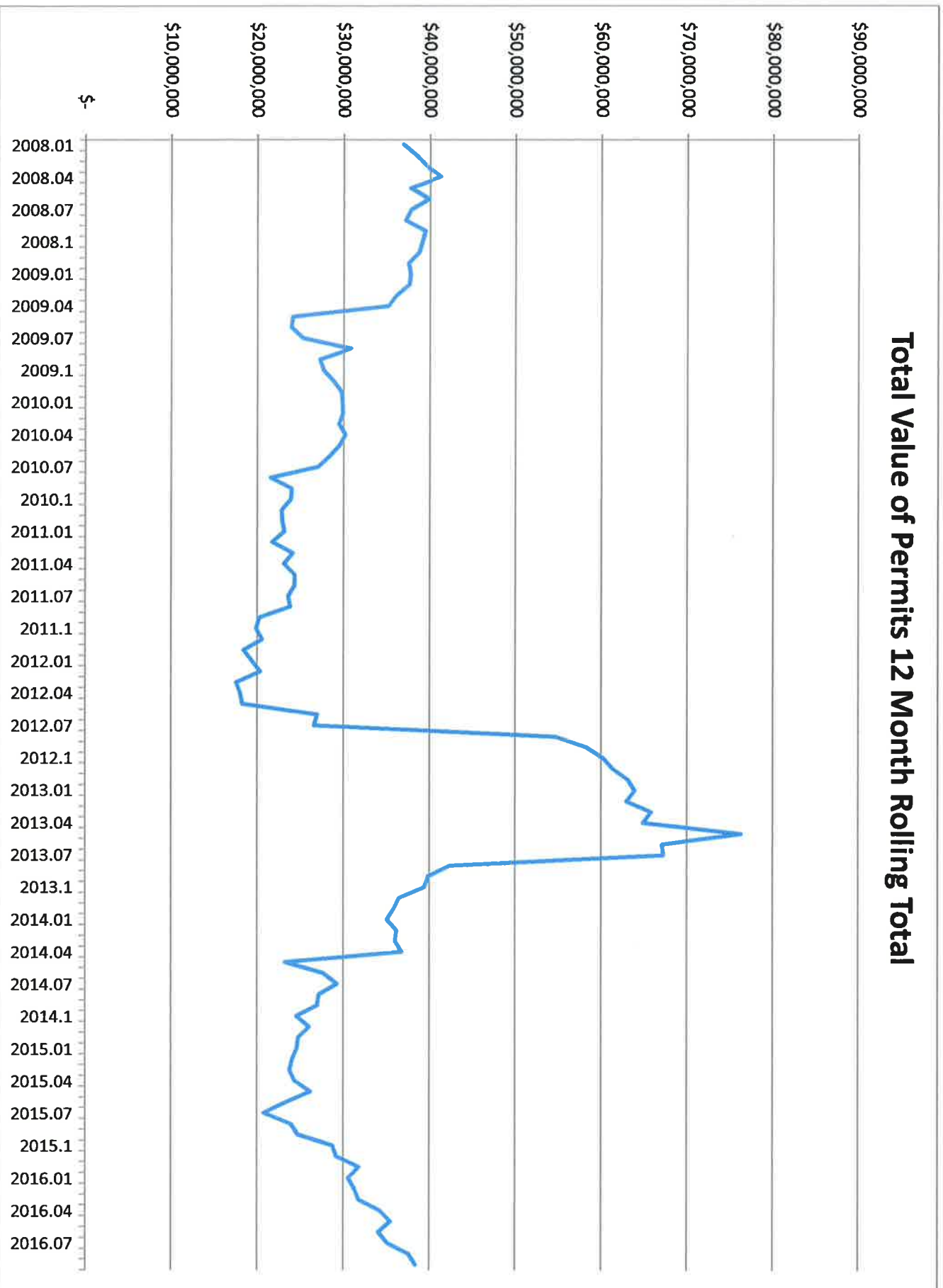
None

2016 BUILDING REPORT

	<u>VALUE OF CONSTRUCTION</u>		<u>PERMIT FEES COLLECTED</u>		<u>% PREVIOUS</u>	<u>PERMITS ISSUED</u>
	<u>2015</u>	<u>2016</u>	<u>2015</u>	<u>2016</u>		
January	\$1,355,000.00	\$112,500.00	\$13,967.00	\$1,967.00	8%	7
February	\$1,069,000.00	\$1,775,000.00	\$12,381.00	\$23,927.64	166%	9
March	\$2,436,000.00	\$2,953,000.00	\$23,235.95	\$30,677.78	121%	20
April	\$2,188,000.00	\$4,590,000.00	\$31,680.20	\$52,316.00	210%	30
May	\$2,681,000.00	\$3,956,560.00	\$39,250.30	\$47,618.48	148%	30
June	\$3,020,000.00	\$1,631,000.00	\$33,113.00	\$17,584.00	54%	21
July	\$1,416,000.00	\$2,450,300.00	\$24,362.00	\$30,910.49	173%	21
August	\$5,241,000.00	\$7,738,000.00	\$46,974.60	\$68,354.40	148%	42
September	\$2,512,000.00	\$3,291,595.00	\$28,795.00	\$38,713.00	131%	25
October	\$0.00	\$0.00	\$0.00	\$0.00	0%	
November	\$0.00	\$0.00	\$0.00	\$0.00	0%	
December	\$0.00	\$0.00	\$0.00	\$0.00	0%	
TOTALS TO DATE		\$28,497,955.00		\$312,068.79		205
2015 COMPARISON		\$21,918,000.00		\$253,759.05		188
Total % PREVIOUS		130%		123%		109%

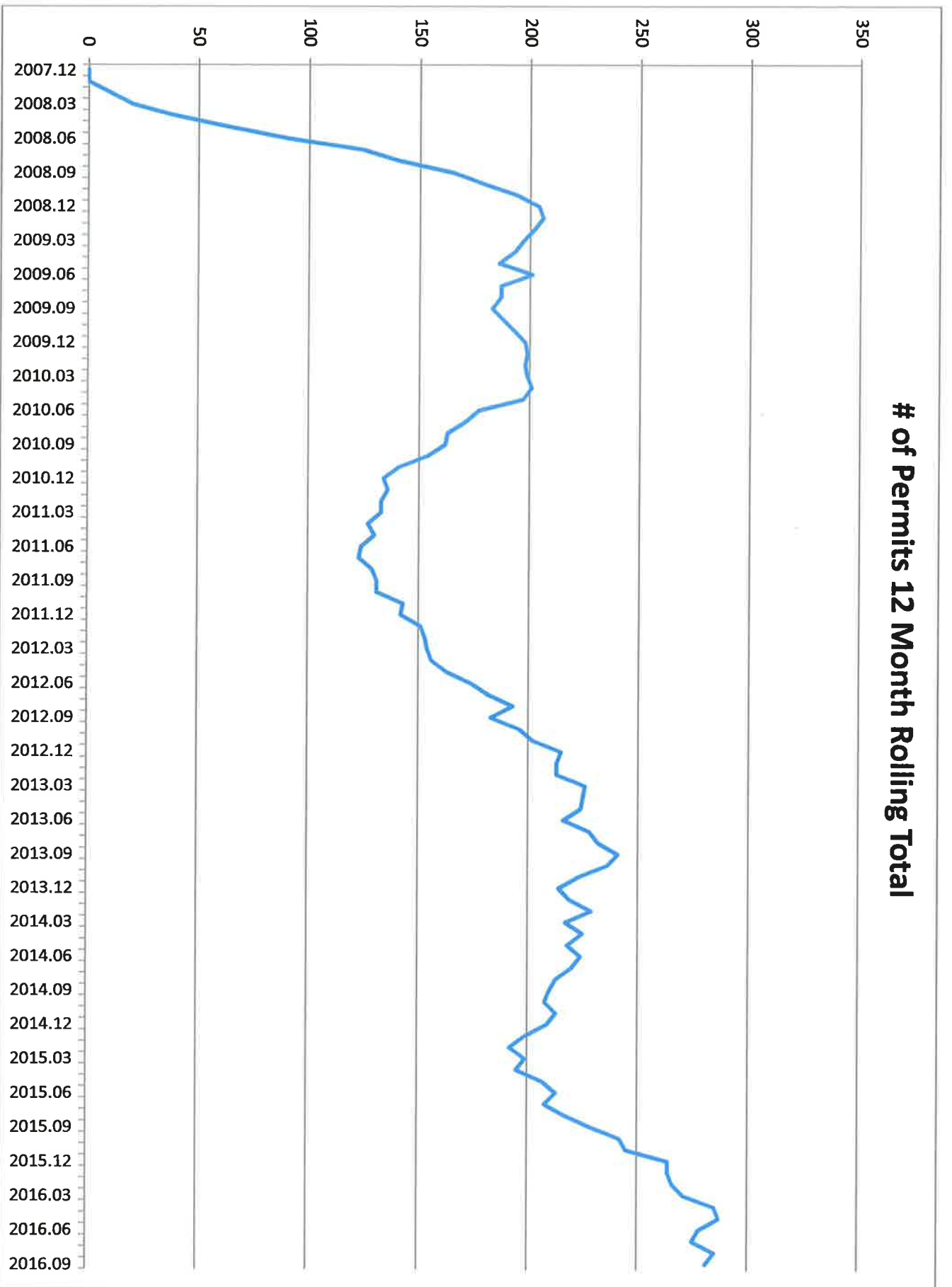
Note: The Graphs Below only Include Septic Permits in 2012 and beyond

Total Value of Permits 12 Month Rolling Total



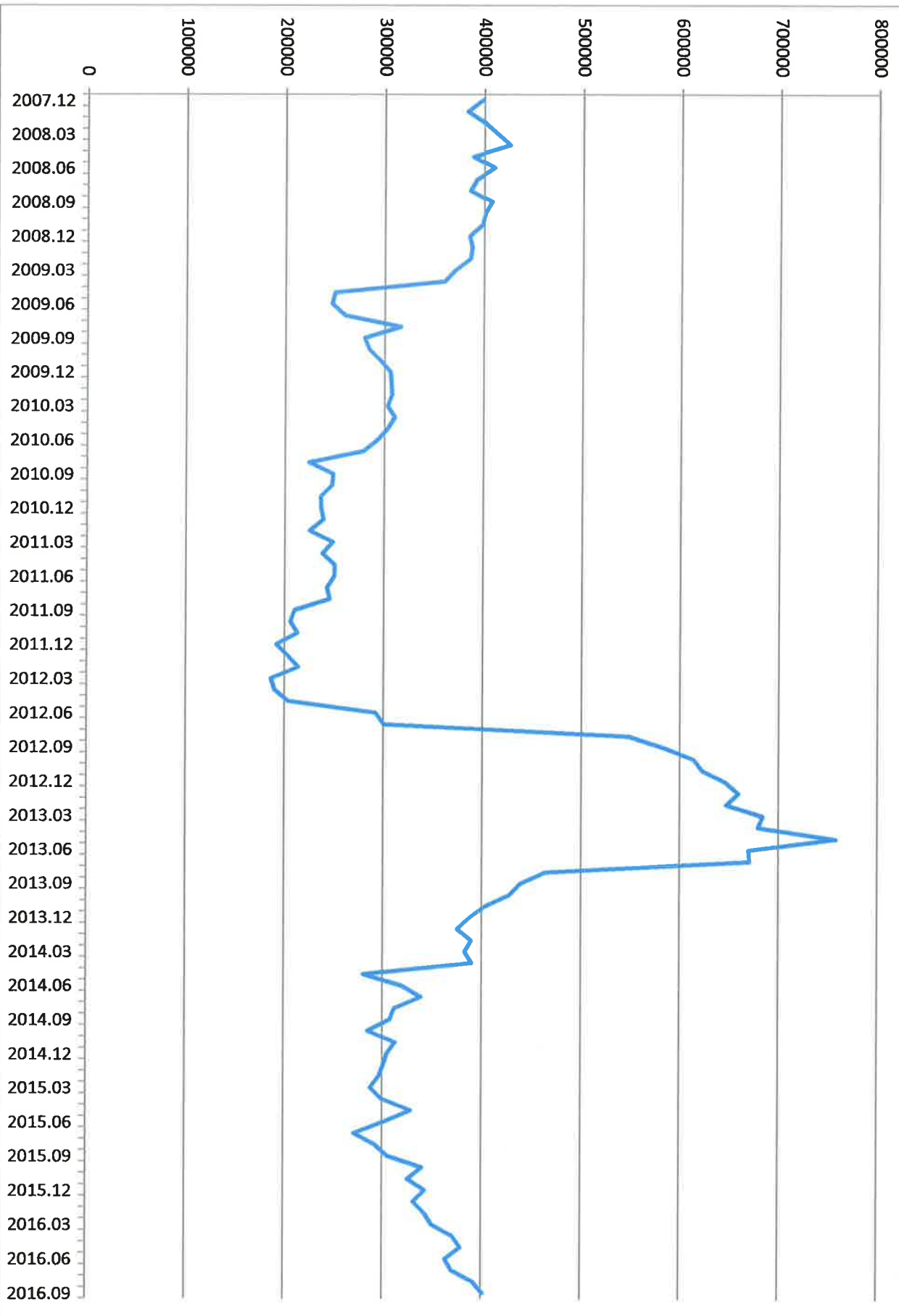
Note: The Graphs Below only Include Septic Permits in 2012 and beyond

of Permits 12 Month Rolling Total



Note: The Graphs Below only Include Septic Permits in 2012 and beyond

Permit Fees Collected 12 Month Rolling Total





REPORT PD-2016-027

TO: Mayor and Members of Council

FROM: Kelly Patzer, Development Coordinator

DATE: October 19, 2016

SUBJECT: Public Meeting – Rezoning Application File D14/ONT – 1340464 Ontario Ltd, Concession 3, Part Lots 3-5, 4576 Wellington Road 32.

RECOMMENDATIONS

That Report PD-2016-027 regarding Notice of Public Meeting – Rezoning Application file D14/ONT – 1340464 Ontario Ltd., Concession 3, Part Lots 3-5, 4576 Wellington Road 32, be received; and

That Council authorize the holding of a Statutory Public Meeting on Thursday November 10th, at 7:00 pm in the Council Chambers, Municipal Complex.

DISCUSSION

Purpose

The purpose of this report is to obtain direction from Council to schedule the Statutory Public Meeting for 1340464 Ontario Ltd. (c/o Laurie Weber) – Rezoning Application D14/ONT.

Application

The application is to rezone a portion of the lands from Agricultural (A) Zone to an Agricultural (A-_) Site Specific Zone to prohibit a new residential dwelling on the retained farm parcel of related County of Wellington Consent File B88/15 to permit a surplus residential severance.

The application package has been circulated to the required agencies for comments and is scheduled for the November 8th Planning and Development Advisory Committee agenda.

Notice

Notice regarding the Public Meeting will be given in accordance with the Planning Act.

Financial Implications

None

Applicable Legislation and Requirements

Planning Act



REPORT PD-2016-028

TO: Mayor and Members of Council
FROM: Kelly Patzer, Development Coordinator
DATE: October 19, 2016
SUBJECT: Agreement with Marc and Helen Jowett
Lot 3, Part Lot 2, Plan 380, 2 Lakeside Drive
FILE: L04/JOW

RECOMMENDATIONS

That Report PD-2016-028 regarding the Agreement with Marc and Helen Jowett – Lot 3, Part Lot 2, Plan 380, municipally known as 2 Lakeside Drive be received; and

That Council enact a By-law to authorize the entering into of an Agreement with Marc and Helen Jowett; and

That Council pass a By-law to delegate authority to the Chief Building Official and the CAO/Clerk to execute Agreements for the collection of securities for the purpose of an owner to be able to maintain accessory structures on a property in order to demolish a dwelling and construct a new dwelling.

DISCUSSION

Purpose:

The purpose of this report is to obtain authorization from Council to enter into an Agreement with Marc and Helen Jowett in order to satisfy a condition of Minor Variance Application D13/JOW in a manner that is satisfactory to the Township.

In addition, staff requests to obtain delegated authority from Council to authorize the Chief Building Official or the CAO/Clerk to execute a standard agreement with the owner of property who is granted Minor Variance Approval to permit accessory structures to remain on the property during the demolition of a dwelling and construction of a new dwelling.

Staff recommends the passing of a by-law to delegate this routine administrative authority to the Chief Building Official and the CAO/Clerk, similar to the delegated authority to enter into agreements to permit Temporary Residence during Construction. The purpose is to facilitate the timely processing of the collection of securities and the execution of the agreement without causing undue delay to the home owner during the Building Permit Application submission process.

Background:

On October 11th, 2016, the Committee of Adjustment approved Minor Variance file D13/JOW to provide relief from Zoning By-law 19/85 to:

1. Maintain a pool with equipment and a deck on the property while demolishing a dwelling, then building a new dwelling; whereas, Section 3.1(a) of the by-law requires any building, structure or accessory use to be accessory to a permitted use (a single detached dwelling); and
2. Install a pool pump/filter/heater within an accessory building 0.3 metres from the north side yard property line; whereas, Section 3.20(a(iii)) of the by-law states no water circulating or treatment equipment such as pumps or filters or any accessory building or structure containing such equipment shall be located closer than 3 m to any lot line.

Minor variance condition of approval No. 1 is being satisfied with an Agreement between the owners, Marc and Helen Jowett, and the Township of Puslinch. The last day of appeal of the Committee of Adjustment Decision is October 31st, 2016. The Demolition Permit, Building Permit for the new dwelling, Agreement and securities will be able to be submitted by the owner to the Township Building Department on or after November 1st, 2016 given no appeals are made of the Committee of Adjustment decision. There were no objections or comments received from the public regarding the minor variance application.

Financial Implications

At this time, staff recommends that the \$500.00 agreement fee included in the Township's User Fee By-law not be imposed for the agreement for accessory structures to remain on the property during the demolition of a dwelling and construction of a new dwelling as they are simple in form and will not be registered on title. Staff will consider during a review of the 2018 User Fees By-law the establishment of a tiered agreement fee structure based on the complexity and the nature of the agreement.

Applicable Legislation and Requirements

Municipal Act, S.O. 2001, c.25 authorizes a municipality to delegate its powers and duties.

Attachments

Schedule 'A' – Agreement – Jowett, 2 Lakeside Drive

Schedule 'A' - Agreement - Jowett, 2 Lakeside Drive

AGREEMENT

BETWEEN:

MARC and HELEN JOWETT

HEREINAFTER REFERRED
TO AS "JOWETT"

AND

**THE CORPORATION OF THE
TOWNSHIP OF PUSLINCH**

HEREINAFTER REFERRED
TO AS THE "TOWNSHIP"

WHEREAS Jowett has received minor variance approval from the Township Zoning By-law to allow accessory structures to remain on the property while demolishing a dwelling and constructing a new dwelling, and;

WHEREAS said variance D13/JOW has been granted subject to Jowett agreeing with the Township to the following:

1. That Jowett shall file with the Township a security deposit in the amount of \$20,000 in a form satisfactory to the Township prior to the issuance of the demolition permit for the existing dwelling.
2. That said security deposit shall be held by the Township to ensure the proposed new dwelling is constructed and issued an Occupancy Permit, for the property located at Lot 3, Part Lot 2, Plan 380, 2 Lakeside Road, Township of Puslinch.
3. That in the event the building permit for the new dwelling is not received on or before May 1st, 2017, the security deposit shall be forfeited to the Township and the Township shall be at liberty to apply for a Court Order for the removal of the deck, pool and pool equipment, and the costs shall be payable by Jowett.

4. In the event that the occupancy permit for the new dwelling has been issued by the Township or the accessory structures are removed from the property, the Township will return the security deposit in its entirety to Jowett within ten (10) business days.

Dated this _____ day of _____, 2016

WITNESS

OWNER

DENNIS LEVER, MAYOR
The Corporation of the
Township of Puslinch

KAREN LANDRY, CAO/CLERK
The Corporation of the
Township of Puslinch



COUNTY OF WELLINGTON

COMMITTEE REPORT

To: Chair and Members of the Solid Waste Services Committee
From: Gordon J. Ough, P.Eng., County Engineer
Date: Tuesday, September 06, 2016
Subject: **Mobile HHW Depot Service**

Background:

During the September 2015 Solid Waste Services (SWS) and County Council meetings, the decision was made to implement a new programme to collect and divert Household Hazardous Waste (HHW) from landfill in the County of Wellington. This new service combines a Mobile HHW Depot unit with a dedicated staff person to accept a full list of HHW materials from County residents. This service will be available year-round and will provide service to all six waste facilities over the course of the year.

In May, SWS hired an HHW Technician to staff the new depot to receive, sort, and package HHW materials. The HHW Technician and transfer staff received additional training in the appropriate and safe handling of the expanded list of hazardous materials the Depot would accept. The Mobile HHW Depot was constructed to our specifications and outfitted with all of the required supplies.

The preparations had the new HHW Mobile Depot service ready for its target start date of Saturday July 2 where it debuted at the Aberfoyle Waste Facility. A Grand Opening for the depot was held the following Wednesday, July 6, where members of the public, press and County Council gathered to see and utilize the service.

The Mobile HHW Depot is a custom-made enclosed 40 cubic yard bin with appropriate drums and storage containers to safely receive and store HHW materials. The bin is located at a waste facility for approximately one month before being moved to another County waste facility. SWS contracts the removal, transport, processing, recycling and/or disposal of collected materials to an approved contractor. The empty Depot bin is then moved by the County's Roll Off operation to the next waste facility.

The Mobile HHW Depot replaced the HHW Event Days in the member municipalities which have a waste facility. The annual event days were continued in the two member municipalities that currently do not have a waste facility within the municipality.

With the mobile depot being available three days a week, the opportunities for residents to divert the full complement of HHW materials increased from seven days per year to over 150 days per year. With the added convenience, and initial reception and utilization of the service, staff expect there to be a significant increase in the quantity of HHW materials diverted and properly disposed of each year.

The following report will provide some information regarding the initial usage of the service, quantity of materials collected and diverted to date, and an analysis of the option of expanding the depot service to the Township of Guelph/Eramosa and the Town of Erin.

Utilization of the Service

The Mobile HHW Depot has been eagerly anticipated among County residents. In the lead-up to July of this year, there have been many questions and comments received at the waste facilities and over the phones inquiring about the new service.

The depot was at the Aberfoyle Waste Facility for the month of July, and at Harriston through August. It has recently been moved to Belwood for the remainder of September. The following table identifies the types and weight of materials collected at the depot to date:

Kilograms Diverted by Material Type and Location

Materials	Aberfoyle	Harriston
Acids (e.g. photo chemicals)	105	160
Bases (e.g. household cleaners)	275	260
Oxidizers (e.g. fertilizers)	70	80
Chlorine Pucks	4	0
Pesticides	150	180
Flammables (e.g. solvents)	1,575	5,965
Paint	2,348	3,560
Fluorescent bulbs	150	14
Compact Fluorescents (CFL's)	35	10
Pharmaceuticals	15	9
Fire Extinguishers	30	50
Lighters	5	2
Total KG's	4,762	9,790
Total Customers	203	308

Analysis – Expanding the Service

In preparing for the Mobile Depot, it was thought to be prudent to schedule the depot to be located at the six waste facilities for the first six months of operation. If there were any logistical issues or unintended operational issues, they would be better dealt with at County waste sites.

With two months of experience operating the Mobile Depot, the operation of the service has proceeded as planned. At the June SWS Committee meeting, there was a request to consider expanding the service to the Town of Erin and Township of Guelph/Eramosa. SWS has done an analysis on the feasibility of stationing the Mobile Depot in the two municipalities that do not have a waste facility.

Operational Considerations and Costs

During the months the depot is stationed at locations other than the waste facilities, a second staff person will be required to assist in the operation of the Mobile Depot. The additional employee is

required for health and safety considerations and to allow the HHW Technician to take time to complete and verify records and files, as well as assisting in traffic control.

The additional staff shifts can be accommodated through the existing Part-Time Casual employee pool at an estimated cost of \$2,000 per month. Assuming the depot would be located in each municipality for one month, the additional staffing would cost approximately \$4,000 a year.

Continuing the remaining two Event Days in these communities would be a duplication of service. By eliminating the two Event Days, the County would see a savings of \$14,480 in site administration costs which would more than offset the required additional staff time.

The Event Days do offer an opportunity for residents to drop off waste electronics for recycling. However, there are many other options and locations to drop off waste electronics in Erin and the City of Guelph. In addition, electronics are accepted at all of the County's waste facilities, including at Belwood, Elora and Aberfoyle, which attract residents from Guelph/Eramosa and Erin.

The County Roads Garages in Erin and Brucedale (Guelph/Eramosa) are listed on the Environmental Compliance Approval for the Mobile Depot. The Roads Division is willing to assist SWS in hosting the depot at these locations during warm weather months. This would eliminate concerns with negatively impacting snow removal operations during the months from November to April.

Minimal costs of \$1,000-\$2,000 would allow for increased communications to advise residents of Erin and Guelph/Eramosa utilizing advertising, mobile signage etc.

Any additional costs or savings beyond those mentioned previously are likely to be relatively minor, but are unknown due to pending funding negotiations. The funding discussions with the relevant authorities have been ongoing for a number of months and are expected to be finalized in the near future. Speculating on the final results of these discussions would be premature at this point.

Recommendation:

That the Mobile HHW Depot service be expanded to include a location for one month at a time in the Town of Erin and the Township of Guelph/Eramosa, limited to between May and October, starting in 2017.

Respectfully submitted,



Gordon J. Ough, P.Eng.
County Engineer



COUNTY OF WELLINGTON

COMMITTEE REPORT

To: Chair and Members of the Solid Waste Services Committee
From: Gordon J. Ough, P.Eng., County Engineer
Date: Tuesday, September 06, 2016
Subject: **Rural Collection Progress Report**

Background:

At the March Solid Waste Services (SWS) and County Council meetings, the decision was made to expand rural collection of waste and recyclables throughout the County. Planning for the service expansion commenced immediately following the decision, and staff made a successful rollout of rural collection a top priority. Expanded rural collection began the week of July 5.

Since the March meetings, reports have been received for information at the May and June SWS Committee and Council. These provided updates on the noteworthy developments of the expanded rural collection rollout. The following report presents the highlights of the final preparations and early results of the expanded service.

Operations Update:

Blue Box Delivery

From late May until mid-June a number of SWS staff participated in delivering the new, larger 22-gallon blue boxes. The larger blue box will better accommodate recyclable volumes with consideration of the bi-weekly rural collection schedule. With the addition of flower pots and planter trays to the blue box programme this year, and with packaging trends of having bulky plastic containers, the larger blue box will be a convenient tool for County residents and will now be the standard size box for future County orders.

Over 7,000 rural homes and businesses received boxes with a total of 14,056 blue boxes and introductory packages delivered throughout the County.

A small number of households contacted SWS to advise that they did not receive blue boxes or the introductory packages. Blue boxes were dropped off to residents who didn't receive them initially. After a period of time the extra boxes were distributed to waste facilities where they were available to be picked up by residents. Introductory packages were mailed to those who misplaced or did not receive the information.

Programme Start-up

With any service expansion of a large scale, it can be expected that there will be some issues or problems associated with implementation. Hearing feedback from the contracted Waste Management (WM) drivers and from County staff, this rollout went relatively well compared to rural collection expansions in the past.

During the first several weeks of rural collection there was some confusion amongst the public which was anticipated. The misunderstandings in the rural areas were primarily due to residents not being aware of which side of the road to set their materials on. SWS staff were on the road and in contact with WM staff. Where waste and recyclable set-outs were noted to be on the wrong side of the road, the items were moved to the correct side and information was left advising the resident of proper placement instructions.

Due to WM overhauling their routes to accommodate the rural areas, some urban residents experienced a different time of collection than they were accustomed to in the past. This led to some instances of materials not being collected. This provided SWS an opportunity to reinforce the message for residents to set out their waste and recyclables by 7am to better ensure their materials are collected.

Initial Participation Statistics

Participation data is gathered by monitoring selected areas within a Town/Township for a month at a time on a quarterly basis throughout the year. Every year new areas are selected to be monitored. Some community’s data may be under or over-stated depending on the areas selected. Participation tracking reflects a snapshot in time but as there are more areas monitored over the years, the statistics become more accurate and refined.

The participation numbers below display initial results from rural collection since the expansion, as well as the data from the end of the rural collection pilot in Guelph/Eramosa and Minto in 2008. The 2016 results from Guelph/Eramosa and Erin have been tracked for all of 2016, as opposed to only since the July 5 expansion.

Rural Collection Participation Rates - 2016 vs 2008 Pilot

Town/ Township	2016 Garbage	2016 Recycle	2008 Garbage	2008 Recycle
Mapleton	21%	64%	-	-
Minto	27%	52%	17%	38%
Centre Wellington	20%	40%	-	-
Wellington North	20%	46%	-	-
Puslinch	21%	46%	-	-
Overall	22%	46%	-	-
Guelph- Eramosa	48%	72%	32%	58%
Erin	68%	80%	-	-
Overall	58%	76%	25%	49%

The above statistics from the beginning of the 2016 expanded rural service compare closely to the participation at the end of the 2007-2008 Rural Collection Pilot in Minto and Guelph/Eramosa. This suggests an early adoption of the expanded service by rural residents.

The long-term trend, which has been observed in Wellington County, has been that as the service becomes more established it is utilized by many more residents. The above table shows the relatively higher current rural collection participation rates in the Town of Erin and Township of Guelph/Eramosa, which have been receiving the service for a number of years.

Promotion and Education Update:

Public Feedback

From May 1 until August 23 the topic of rural collection accounted for 30% of the 1,570 calls and 27% of the 108 emails SWS received during that time. While a small minority was not in favour of the expanded service, the majority of calls and correspondence were supportive of the change and/or simply had questions on how to participate.

Residents using County waste facilities have also been largely supportive and receptive to County-wide rural collection.

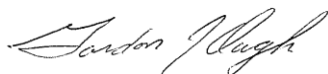
As with any significant change in service, SWS and Communications staff coordinated a comprehensive communications programme to inform residents of the changes. A summary of the key components of the plan is provided in the table below. Copies of completed and approved media are attached for Committee's information.

Media Tool	Approximate Start Date	Status
Media Release - decision	March 31	Complete
County Page ads – April to September	April 8	Complete
Spring Newsletter in Wellington Advertiser	April 29	Complete
County Website	May 9	Complete
eNews Notices – May through September	May 18	On-going
Posters	May 18	Complete
Postcards	May 18	Complete
Introductory package delivered to each home along with two blue boxes, includes: <ul style="list-style-type: none"> • introduction to service • municipal collection map • collection schedule • participation information • list of user pay bag distributors 	May 30	Complete
Radio commercials – 4 weeks	June 13	Complete
Fall Newsletter in Wellington Advertiser	October 28	

Recommendation:

That the report titled “Rural Collection Progress Report” be received for information.

Respectfully submitted,



Gordon J. Ough, P.Eng.
County Engineer



**RESOLUTION
MUNICIPAL COUNCIL
THE CORPORATION OF THE TOWNSHIP OF PUSLINCH**

2016-

Date: October 19, 2016

Moved by: _____ Seconded by: _____

WHEREAS the Walking Trail at the Puslinch Community Centre has been completed;

AND WHEREAS the development of a Walking Trail on the Puslinch Community Centre Lands was initiated by former Councillor Wayne Stokley;

NOW THEREFORE BE IT RESOLVED in honour of Councillor Wayne Stokley and his dedication to sports and recreational activities in the Township, Council hereby dedicates and names the Puslinch Community Centre Lands Trail in memory of "Councillor Wayne Stokley"; and

That upon installation of a plaque in the Spring of 2017, a trail opening event be held to unveil the plaque in honour of late Councillor Wayne Stokley.

RECORDED VOTE	YES	NO	CONFLICT	ABSENT
Councillor Bulmer				
Councillor Roth				
Mayor Lever				
Councillor Sepulis				
Councillor Fielding				
TOTAL				

MAYOR: _____

CARRIED	LOST
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THE CORPORATION OF THE TOWNSHIP OF PUSLINCH

BY-LAW NUMBER 072/16

Being a by-law to authorize the entering into an Agreement with Her Majesty the Queen in Right of Ontario as represented by the Minister of Agriculture, Food and Rural Affairs in order to participate in the Ontario Community Infrastructure Fund – Formula-Based Component.

WHEREAS the Corporation of the Township of Puslinch (“Township”) wishes to enter into an Agreement in order to participate in the Ontario Community Infrastructure Fund – Formula-Based Component;

NOW THEREFORE the Council of the Corporation of the Township of Puslinch hereby enacts as follows:

1. That the Corporation of the Township of Puslinch enter into an Agreement with Her Majesty the Queen in Right of Ontario as represented by the Minister of Agriculture, Food and Rural Affairs with respect to an agreement for the Ontario Community Infrastructure Fund – Formula-Based Component.
2. That the Mayor and Clerk are hereby authorized to execute the Agreement.

READ A FIRST, SECOND AND THIRD TIME AND FINALLY PASSED THIS 19th DAY OF OCTOBER, 2016.

Dennis Lever, Mayor

Karen Landry, CAO/Clerk

THE CORPORATION OF THE TOWNSHIP OF PUSLINCH

BY-LAW NUMBER 73/16

Being a By-Law to repeal By-law 27/97 being a By-law to establish temporary Trailer licenses pending the construction of a residential building

WHEREAS the *Municipal Act, S.O. 2001, c. 25*, as amended, section 2(5) subsection (3) authorizes a municipality to exercise power by by-law;

AND WHEREAS Council passed By-law 27/97 to establish temporary Trailer licenses pending the construction of a residential building;

AND WHEREAS Council deems it prudent to repeal that by-law;

NOW THEREFORE the Council of the Corporation of the Township of Puslinch enacts as follows:

1. That By-law 27/97 is hereby repealed.

READ A FIRST, SECOND AND THIRD TIME AND FINALLY PASSED THIS 19th DAY OF October 2016.

Dennis Lever, Mayor

Karen Landry, CAO/Clerk

THE CORPORATION OF THE TOWNSHIP OF PUSLINCH

BY-LAW NUMBER 074 /16

Being a by-law to authorize the entering into an Agreement with
Marc and Helen Jowett – 2 Lakeside Drive

WHEREAS the *Municipal Act*, S.O, 2001, c.25 authorizes a municipality to enter into Agreements;

AND WHEREAS the Council for the Corporation of the Township of Puslinch deems it appropriate to enter into an Agreement with Marc and Helen Jowett to satisfy the approval of Minor Variance D13/JOW to permit accessory structures to remain on the property during the demolition of a dwelling and construction of a new dwelling;

NOW THEREFORE the Corporation of the Township of Puslinch hereby enacts as follows:

1. **THAT** the Corporation of the Township of Puslinch enter into an Agreement with Marc and Helen Jowett to allow accessory structures to remain on the property while demolishing a dwelling and constructing a new dwelling located at 2 Lakeside Drive.
2. **THAT** the Mayor and Clerk are hereby authorized to execute the Agreement.

**READ A FIRST, SECOND AND THIRD TIME AND FINALLY PASSED THIS
19th DAY OF OCTOBER, 2016.**

Dennis Lever, Mayor

Karen Landry, CAO/Clerk

THE CORPORATION OF THE TOWNSHIP OF PUSLINCH

BY-LAW NUMBER 075/16

Being a by-law to confirm the proceedings of the Council of the Corporation of the Township of Puslinch at its meeting held on October 19, 2016.

WHEREAS by Section 5 of the *Municipal Act, 2001, S.O. 2001, c.25* the powers of a municipal corporation are to be exercised by its Council;

AND WHEREAS by Section 5, Subsection (3) of the *Municipal Act*, a municipal power including a municipality's capacity, rights, powers and privileges under section 8, shall be exercised by by-law unless the municipality is specifically authorized to do otherwise;

AND WHEREAS it is deemed expedient that the proceedings of the Council of the Corporation of the Township of Puslinch at its meeting held October 19, 2016 be confirmed and adopted by By-law;

NOW THEREFORE the Council of the Corporation of the Township of Puslinch hereby enacts as follows:

- 1) The action of the Council of the Corporation of the Township of Puslinch, in respect of each recommendation contained in the reports of the Committees and each motion and resolution passed and other action taken by the Council at said meeting are hereby adopted and confirmed.
- 2) The Head of Council and proper official of the Corporation are hereby authorized and directed to do all things necessary to give effect to the said action of the Council.
- 3) The Head of Council and the Clerk are hereby authorized and directed to execute all documents required by statute to be executed by them, as may be necessary in that behalf and the Clerk authorized and directed to affix the seal of the said Corporation to all such documents.

READ A FIRST, SECOND AND THIRD TIME AND FINALLY PASSED THIS 19th DAY OF OCTOBER, 2016.

Dennis Lever, Mayor

Karen Landry, C.A.O./Clerk