

#16



COUNTY OF WELLINGTON

PLANNING AND DEVELOPMENT DEPARTMENT
GARY A. COUSINS, M.C.I.P., DIRECTOR
T 519.837.2600
T 1.800.663.0750
F 519.823.1694

ADMINISTRATION CENTRE
74 WOOLWICH STREET
GUELPH ON N1H 3T9

January 7, 2013

Mrs. Brenda Law, CAO/Clerk-Treasurer
Township of Puslinch
R. R. 3 (Aberfoyle)
Guelph, Ontario N1H 6H9

Dear Mrs. Law:

**Re: Proposed Removal of Holding Symbol
Part of Lot 21 & 22, Concession 8
Mini Lakes Residents Association**

Thank you for circulating the notice regarding Council's intent to remove the holding symbol with respect to a portion of the above-noted property. It is our understanding that the owners have requested the removal of the Holding ('h-1') Zone for 7 sites within the Mini Lakes community.

In order to remove the holding provision from the subject land, Section 4(6)(a) of the Zoning By-law 19/85 (as approved by the Ontario Municipal Board) states that:

"Council may remove the 'h-1' symbol by amendment to this By-law, subject to the requirements of Section 36 of The Planning Act, when satisfied that:

- (i) the sewage treatment and water supply services have been completed to provide for year-round operation of those services; and
- (ii) a development agreement between the owners of the land and the Township addressing occupation of the units, operation and maintenance of the services and financial arrangements has been registered on title of the lands; and
- (iii) where a site is being converted from seasonal to year-round use, an occupancy permit has been issued by the Chief Building Official permitting the year-round occupation of the dwelling unit on the site."

This office has no objection to the removal of the holding symbol for the subject site, provided Council is satisfied that the above requirements have been met. If an amending by-law is approved, we would appreciate a copy for our files.

Yours truly,

Sarah Wilhelm, B.E.S., MCIP, RPP
Planner

#Ja

THE CORPORATION OF THE TOWNSHIP OF PUSLINCH

NOTICE OF PUBLIC MEETING

TO CONSIDER AN APPLICATION TO AMEND THE TOWNSHIP ZONING BY-LAW

TAKE NOTICE that the Council of the Corporation of the Township of Puslinch will hold a public meeting on **Wednesday, February 6, 2013 at 3 p.m.** in the Council Chambers of the Puslinch Municipal Complex at 7404 Wellington Road 34 in Aberfoyle to consider a proposed amendment to Zoning By-law 19/85 pursuant to the requirements of the Planning Act, R.S.O. 1990, as amended.

Location of Subject Land

The property subject to the proposed amendment is described as Part of Lot 17, Gore Concession, in the Township of Puslinch, with a municipal address of 6926 Gore Road, and as illustrated on the key map below.

The Purpose and Effect of Application

The purpose and effect of the proposed amendment (Application P7/2012) is to rezone the subject property to an appropriate zone category to allow for a second dwelling on the property on a temporary basis (a garden suite).

Oral or Written Submissions

Any person may attend the public meeting and make an oral submission either in support of or in opposition to the proposed Zoning By-law amendment. Written submissions are also invited and should be directed to the Township Clerk at the address shown below. All those present at the public meeting will be given the opportunity to make an oral submission. However, we would request that those wishing to address Council at the public meeting notify the Township Clerk in advance of the public meeting.

Power of OMB to Dismiss Appeals

If a person or public body does not make oral submissions at a public meeting or make written submissions to the Township of Puslinch before the zoning by-law is passed, the person or public body is not entitled to appeal the decision of the Council of the Township to the Ontario Municipal Board.

If a person or public body does not make oral submissions at a public meeting, or make written submissions to the Township of Puslinch before the zoning by-law is passed, the person or public body may not be added as a party to the hearing of an appeal before the Ontario Municipal Board unless, in the opinion of the Board, there are reasonable grounds to do so.

Request for Notice of Decision

If you wish to be notified of the decision of the Township of Puslinch regarding a Zoning By-law amendment, you must make a written request to the Clerk at the address shown below.

Additional Information

Additional information regarding this application is available at the Township municipal office at the address shown below.

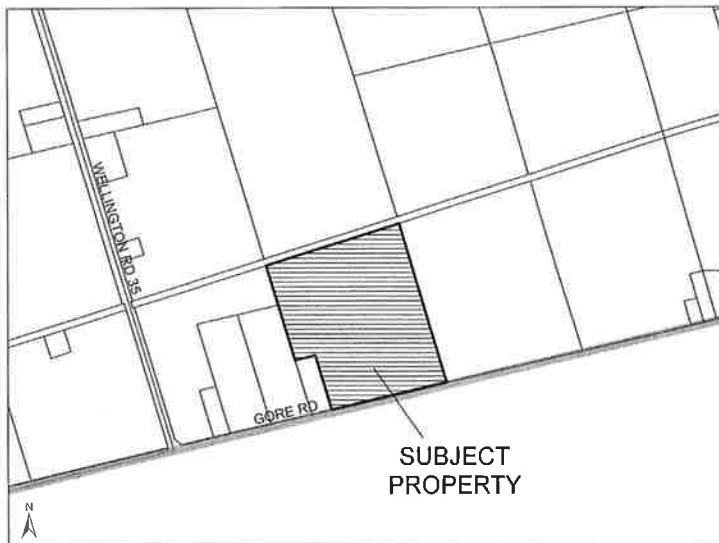
Dated at the Township of Puslinch on this 9th day of January, 2013.

Brenda Law

Mrs. Brenda Law, AMCT
CAO/Clerk-Treasurer
Township of Puslinch
7404 Wellington Road 34
Puslinch, R.R. #3
Guelph, Ontario
N1H 6H9

Phone: (519) 763-1226
Fax: (519) 763-5846

Gingras/Harrison



#3a

7 Clair Rd. West
Box 27009, RPO Clair
Guelph, ON N1L0C1
January 10, 2013

Mayor Dennis Lever,
Councillor Susan Fielding,
Councillor Ken Roth,
Councillor Jerry Schmidt,
Councillor Wayne Stokely.

Dear Mayor Lever and Councillors:

Re: Natural heritage proposal

Throughout the past 25 years, since the set-up of the Puslinch Heritage Society as a Committee of Council, much has been documented on the architectural heritage in our township. Quite a number of structures have been recognized as significant and adorned with plaques. Some buildings have been written about in the Puslinch Pioneer. A selection of homes was chosen for a poster, which highlighted doors. A copy of the poster hangs on the office wall in Ottawa of our M.P., Michael Chong.

However, Puslinch Township has also a number of natural features, which have played and continue to play a part in the life of this community. Over the years, these landmarks acquired names, generally by association with the first owner of the property or reflecting the community within which it existed. Thus, we have Loch Buie, Morriston Pond and Irish Creek.

These names have a connection with our pioneers and their culture. Probably since Morriston was first settled, the adjacent body of water has been known as Morriston Pond. Halligan's Pond on the 9th concession (at the corner of Victoria Road and Maltby Road) in the Corwhin area, became known by the name of the first owner of that property, Patrick Halligan. The Scottish pioneers of Badenoch called a reedy, yellow lake on the 10th concession (Watson Road) of their community, Loch Buie. In Gaelic, that means "Yellow Lake". Little Lake may have received its name simply by contrast with the larger Puslinch Lake. The names denote the uniqueness of these places.

These large ponds are important fish and wildlife habitats and beautiful spots to enjoy. Early residents fished, trapped and hunted around the lakes. Swans raised their young on Morriston Pond in recent years, enhancing the loveliness of the spot. So too, have the small lakes served as recreation areas. Residents have skated,

played hockey and canoed on Morriston Pond, Loch Buie and the Mill Pond at Aberfoyle throughout the generations and still do so. They have served as important landmarks, as well, when giving directions.

Lately, it appears that names of our natural legacy are becoming lost to general knowledge. New residents arrive, who do not know these traditional names; there is nothing to acquaint a newcomer or visitor with them. The loss of a name is the loss of an identity. Without a name, Loch Buie would become just another pond. Its cultural significance would be lost.

The solution is as simple as a sign. The Township has placed signs to mark Mill Creek and largely due to that and publicity about efforts to rehabilitate the creek, people are familiar with that name. A sign at each small lake, known by a name since pioneer days, would have the same effect for them.

There will be other ponds and possibly creeks on the west side of Puslinch, with which I am not familiar, as I am a resident of the east side. My understanding is that the mandate of the Puslinch Heritage Committee has expanded to include landscapes. That committee would be able to recommend other sites on the west side of the township. I note that the Heritage Committee is proposing the creation of a heritage page on the township website. Perhaps some of these natural sites could be included in that showcase, in which case, I would be pleased to supply information, if required.

This would not be a major project. There would likely be no more than a maximum of five to eight; therefore, it would not entail a large expenditure.

Would Council consider such a measure as a means of preserving and promoting our beautiful environmental heritage?

Sincerely yours,
Marjorie Clark
4427 Watson Rd., Puslinch

cc. Brenda Law
Don McKay
Heather Krouskie

#4a

Brenda Law

From: OMarkovski@royalcanin.ca
Sent: January-13-13 12:10 PM
To: Brenda Law
Subject: RE: Royal Canin - Groundwater Use Survey
Attachments: Microsoft Word - Well Survey Report.pdf; Figure_1_SiteLocation.pdf; Figure_2_MOEWells.pdf; Figure_3_WaterSupplyWells.pdf

Good Afternoon Brenda,

In response to our correspondence from October 2012, I am forwarding you the findings from the well survey which was conducted by AMEC Environmental on behalf of Royal Canin in late 2012. Attached is the final well survey report, along with the corresponding report figures.

Please call or email me back if you have any questions regarding the attached information.

Kind Regards,
Oliver



Oliver Markovski
Environmental, Health & Safety Coordinator
Phone: (519) 780-6700, Ext. 6898
Cell: (226) 820-2723
Email : omarkovski@royalcanin.ca

Royal Canin Canada
100 Beiber Road, RR #3
Guelph, ON
N1H 6H9



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CONFIDENTIALITY

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From: "Brenda Law" <BrendaL@puslinch.ca>
To: <OMarkovski@royalcanin.ca>
Cc: <sdenhoed@hardenv.com>, <HKrouskie>
Date: 10/31/2012 03:44 PM
Subject: RE: Royal Canin - Groundwater Use Survey

Good Afternoon Oliver,

Thank you for responding back. I have copied the township's hydrogeologist Mr. Stan Denhoed of Harden Environmental with your response. Should Mr. Denhoed have any further questions or comments I hope that he may contact you directly.

We look forward to receiving your findings from your survey work.

Regards,
Brenda Law

From: OMarkovski@royalcanin.ca [<mailto:OMarkovski@royalcanin.ca>]
Sent: October-31-12 3:11 PM
To: Brenda Law
Subject: Royal Canin - Groundwater Use Survey

Dear Brenda,

My name is Oliver Markovski, I am the Environmental, Health and Safety Coordinator at the Royal Canin Canada plant. We received the Township's request for information a bit late, and I must apologize for not responding quicker. For future reference, I am the site contact for environmental matters and will be happy to assist you with this, and all other future inquiries related to the environment.

Below is a the scope of the groundwater use survey currently undertaken by AMEC Environmental for Royal Canin Canada.

The groundwater use survey is being conduct as part of a due diligence effort by Royal Canin with guidance by the MOE to account for all groundwater wells in the vicinity of the site (1000 m to the south, and 500 m north of our property). The work is divided in two phases. In Phase One, AMEC Environmental reviewed the existing MOE groundwater well database, and in Phase Two, AMEC Environmental mailed an information package to surrounding property owners in the study area in order to account for any wells not showing on the MOE database.

As per MOE reviews, to date, there has been an impact on the groundwater by the operations at the Royal Canin plant. This is confirmed by monthly testing of groundwater monitoring wells located around our property site. To ensure that all groundwater is accounted for, Royal Canin has installed additional monitoring wells to monitor for any impacts to the the shallow groundwater. To date, laboratory testing of all monitoring wells (shallow and deep) has not shown any impacts on the groundwater. We continue to work very closely with the MOE to ensure that we follow our sampling protocol so that our operations have no impact on the local groundwater.

As soon as the ongoing groundwater use survey work is completed by AMEC, we can share our findings with the Township. In the meantime, I will be happy to help with any questions and inquiries.

Regards,
Oliver



Oliver Markovski
Industrial Operations
Environmental, Health & Safety Coordinator
Phone: (519) 780-6700, Ext. 6898
Cell: (226) 820-2723
Email : omarkovski@royalcanin.ca

Royal Canin Canada
100 Beiber Road, RR #3
Guelph, ON
N1H 6H9



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CONFIDENTIALITY



TG101008.12, Task 2000

November 28, 2012

Royal Canin Canada Company
100 Beiber Road,
Puslinch, Ontario
N1H 6H9

Attention: Mr. Oliver Markovski
Environmental Health and Safety Coordinator

**Re: Groundwater Use Survey
Royal Canin Canada Company
Pet Nutrition Facility
Puslinch, Ontario**

Dear Mr. Markovski:

As authorized by Royal Canin Canada Company ("RCCC") ("the Client") in Change Order No. 1, dated September 25, 2012, AMEC Environment & Infrastructure, a division of AMEC Americas Limited ("AMEC") has undertaken a Groundwater Use Survey ("the Survey") in the vicinity of the above noted Site as outlined in AMEC's Work Plan dated September 25, 2012.

1.0 INTRODUCTION

The RCCC Pet Nutrition Facility is located near the northeast intersection of Highway 401 and Brock Road South (Regional Road 46) the Township of Puslinch, Ontario as shown on the Site Location Plan, presented as Figure 1.

Recommendation 3 in a Ministry of the Environment ("MOE") Memorandum dated July 24, 2012, prepared by Nadia Marengo, Hydrogeologist, required that a detailed Groundwater Use Survey to be completed within 500 m to 1000 m of the RCCC Pet Nutrition Facility located in the Township of Puslinch Ontario. The purpose of the Groundwater Use Survey, in conjunction with other on-going work, was to determine whether there has been an adverse impact to off-Site groundwater from the on-Site Sewage Works at RCCC.

2.0 WORK PLAN

In order to address the MOE requested Groundwater Use Survey, AMEC prepared a Work Plan dated September 25, 2012 which was forwarded to the Client for review. The Work Plan identified that a Groundwater Use Survey would be undertaken that would include a search of the MOE Water Well Database to identify water supply wells within 1000 m of the Site and to field check the data obtained from the MOE Water Well Database. AMEC would undertake a door to door survey of properties within 500 m topographically up-gradient and 1000 m topographically down-gradient of the sewage works at RCCC, the 'Study Area,' the limits of which are shown on Figure 1. The survey included the documentation of the municipal addresses of area properties and solicited responses to general water use questions, water well construction details and water supply and quality.

3.0 MOE WATER WELL DATABASE

A "digital data" and a "computer print out" of the water well records within the Study Area was obtained from the MOE Well Helpdesk. A copy of the "computer print out" is enclosed in Appendix A. The information in the database includes a summary of the well construction, well depth, stratigraphy of the geology encountered during drilling of the well and water production data for each well in the database. However, the usefulness of the data is often limited by incorrect or improper well location information and inconsistent reporting of data in the well records and thus one of the reasons for the door to door survey.

The MOE provided data included 149 wells constructed from 1951 to September 2012. The data was screened to remove any wells from the Study Area that were not used to supply potable water. These included observation and tests wells. Wells with incomplete information and wells that had been decommissioned were also screened. This reduced the database to 113 wells, the locations of which are plotted on the Plan of Area Wells, presented as Figure 2.

Of the 113 area wells, ninety-three wells (82%) are completed in bedrock while twenty wells (18%) are completed in the overburden. Two wells (2%) had a depth between 15 m and 20 m, seventeen wells (15%) had a depth between 20 m and 30 m and ninety-four wells (83%) had a depth of at least 30 m.

Based upon a review of the database, the depth of one of the bedrock wells appeared anomalous. Well ID 6714982, which was identified as 15.88 cm in diameter, constructed in 2004, had a reported depth of 11.15 m and was shown as being completed in brown limestone. Adjacent bedrock wells were shown to have encountered limestone bedrock at between 27 and 32 m. Therefore we do not believe the reported depth to the bedrock is shown correctly for this well, and as such, it was not included in the calculations above.

The data base provided also includes water wells that were not within the Study Area and as such, were not included in the findings of this report.



4.0 GROUNDWATER USE SURVEY

In October 2012, AMEC conducted a Groundwater Use Survey in the Study Area. This included first sending a covering letter and Well Survey Form to 65 home owners and businesses in the Study Area. A copy of the letter and form are enclosed in Appendix B. This was followed up with a door to door survey where the AMEC surveyor met with the homeowner, tenant or business representative who answered their door. At that time, the homeowner was interviewed about their source of potable water and asked to complete the previously received well survey form.

Most the respondents reported they used their water for domestic uses including drinking and cooking. Some reported that they used water for irrigation with one reported use that included a manufacturing process.

None of the respondents reported water supply issues. Overall water quality was considered good. However, many indicated that their water was hard and or had a sulphurous odour. Many respondents advised that they used treatment systems that included softening, filtration and disinfection and reverse osmosis to improve their water quality.

The findings of the Groundwater Use Survey are summarized in Table 1 below.

**Table 1
 Summary of Area Groundwater Use**

Municipal No.	Property Type	Property Owner / Tenant	Water Supply	Drinking Water	Water Quality	
6	Nicolas Beaver	Commercial	(1)			
7	Nicolas Beaver	Commercial	Hammond Manufacturing	Drilled Well	Yes	Good
8	Nicolas Beaver	Commercial	(1)			
10	Nicolas Beaver	Commercial	(1)			
11	Nicolas Beaver	Commercial	(1)			
16	Nicolas Beaver	Commercial	(1)			
17	Nicolas Beaver	Commercial	Pentalift Equipment Corp	Drilled well	Yes	Good
21	Nicolas Beaver	Commercial	Pentalift Equipment Corp	Drilled well	Yes	Good
24	Nicolas Beaver	Commercial	(1)			
26	Nicolas Beaver	Commercial	Aberfoyal Concrete	Drilled well	No	
34	Winer Rd	Commercial	(1)			
38	Winer Rd	Commercial	TCA Technologies	Drilled well	Yes	Good
40	Winer Rd	Commercial	(1)			
43	Winer Rd	Commercial	S+V Voisin LTD	Drilled well	Yes	Good
10	Tawse	Commercial	(1)			
21	Queen St	Commercial	(1)			
320	Queen St	Cemetery	(1)			
2	Ochs Dr	Residential	(1)			
3	Ochs Dr	Residential	(1)			
4	Ochs Dr	Residential	(1)			
5	Ochs Dr	Residential	(1)			



6	Ochs Dr	Residential	(1)			
7	Ochs Dr	Residential	Kozdras	Drilled well	Yes	Good
8	Ochs Dr	Residential	(1)			
9	Ochs Dr	Residential	(1)			
10	Ochs Dr	Residential	(1)			
11	Ochs Dr	Residential	Bosgoed	Drilled well	Yes	Good
12	Ochs Dr	Residential	(1)			
13	Ochs Dr	Residential	(1)			
14	Ochs Dr	Residential	(1)			
15	Ochs Dr	Residential	(1)			
17	Ochs Dr	Residential	Lester	Drilled well	Yes	
19	Ochs Dr	Residential	Schuetzkawski	Drilled well	Yes	Good
1	Currie Dr	Residential	(1)			
2	Currie Dr	Residential	(1)			
3	Currie Dr	Residential	Monks	Drilled well	Yes	Good
4	Currie Dr	Residential	(1)			
5	Currie Dr	Residential	(1)			
6	Currie Dr	Residential	(1)			
7	Currie Dr	Residential	Audlese	Drilled Well	Yes	Good
8	Currie Dr	Residential	Kaloh	Drilled well	Yes	Good
9	Currie Dr	Residential	(1)			
10	Currie Dr	Residential	(1)			
11	Currie Dr	Residential	Schmalz	Drilled well	Yes	Good
12	Currie Dr	Residential	Mishra	Drilled well	Yes	Good
13	Currie Dr	Residential	(1)			
14	Currie Dr	Residential	(1)			
15	Currie Dr	Residential	(1)			
16	Currie Dr	Residential	(1)			
17	Currie Dr	Residential	Helps	Drilled well	Yes	Good
18	Currie Dr	Residential	Wigood	Drilled well	Yes	Good
19	Currie Dr	Residential	(1)			
20	Currie Dr	Residential	(1)			
21	Currie Dr	Residential	(1)			
22	Currie Dr	Residential	(1)			
23	Currie Dr	Residential	(1)			
25	Currie Dr	Residential	(1)			
27	Currie Dr	Residential	Dicksy	Drilled well	Yes	Good
29	Currie Dr	Residential	(1)			
31	Currie Dr	Residential	(1)			
33	Currie Dr	Residential	(1)			
3	Laing Crt	Residential	(1)			
4	Laing Crt	Residential	(1)			
5	Laing Crt	Residential	Bougoin	Well	Yes	(2)
6	Laing Crt	Residential	(1)			

(1) No one home at time of door to door survey and no response to survey letter.

(2) Completed survey but did not complete section.

The locations of the respondents to the Groundwater Use Survey identified in Table 1 have plotted on the Plan of Water Supply Wells presented as Figure 3.

5.0 CONCLUSIONS

Based on the above, the following conclusions can be made.

1. The majority of the water supply wells in the Study Area were drilled wells founded in the bedrock. The remaining water wells were drilled wells that are screened in gravel zones, in most cases, founded just above the bedrock surface.
2. The Groundwater Use Survey did not identify any shallow dug wells in the Study Area.
3. The Groundwater Use Survey did not identify any water supply wells with a water quantity supply problem.
4. The Groundwater Use Survey did not identify any water supply well where concerns of sodium and chloride had been identified in the groundwater.
5. Based on responses received during the Groundwater Use Survey, there is no indication of an adverse impact from the on-Site Sewage Works at RCCC to water wells in the Study Area.

6.0 CLOSURE

The Report Limitations, as quoted in Appendix C, are an integral part of this report.

We trust that this report is complete within our present within our present terms of reference. If you have any questions regarding its contents or wish to discuss the further work that will be required for the final design, please do not hesitate to contact our office.

Yours very truly,

AMEC Environment & Infrastructure

A division of AMEC Americas Ltd

Prepared By:

Reviewed By

Nick Schmidt, GIT, Bsc (Hon)
Geoscientist-in-Training

Randall Secord, C.E.T.
Senior Environmental Technologist

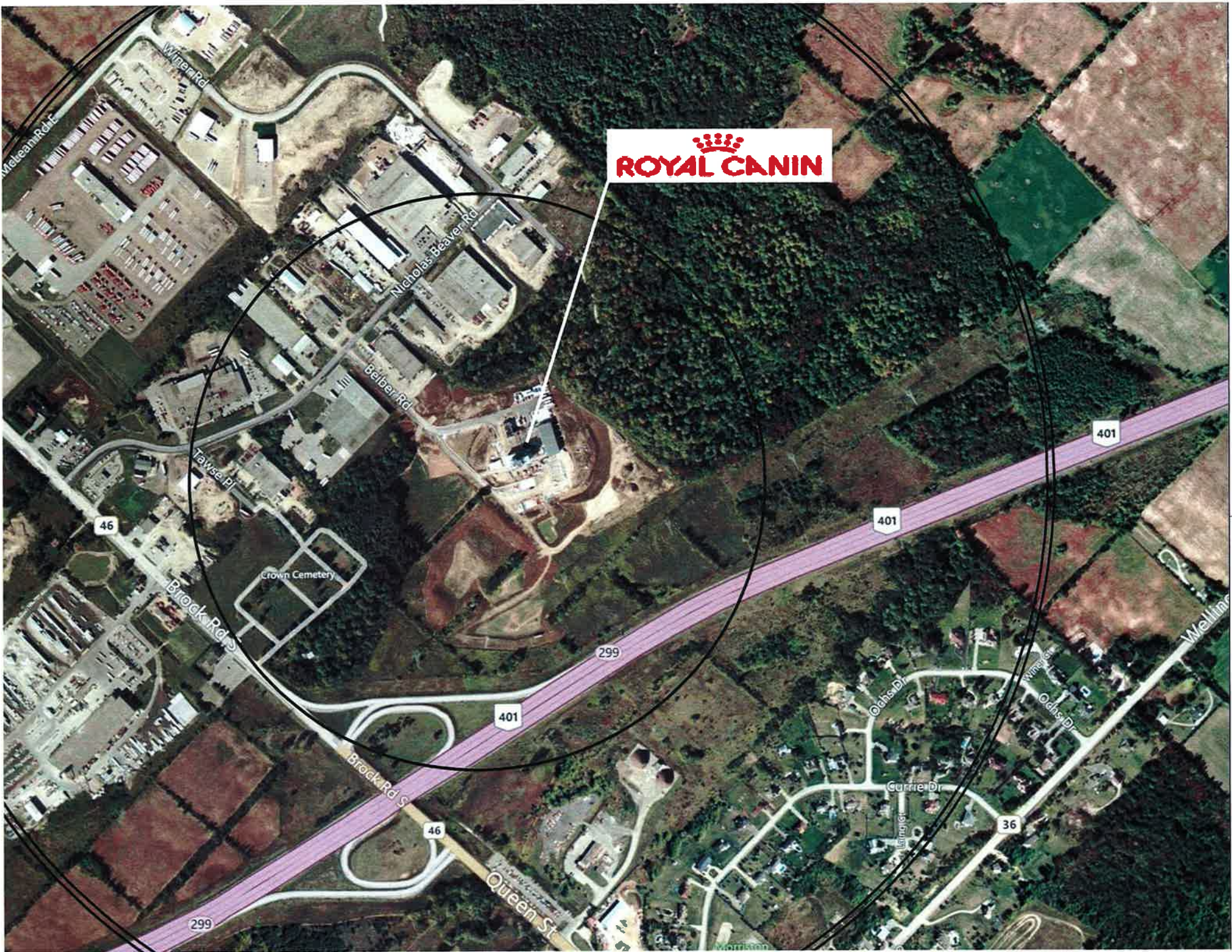
1 copy Client
1 copy, the Director, MOE Guelph District Office
1 copy AMEC



LIMITATIONS

1. The work performed in the preparation of this report and the conclusions presented are subject to the following:
 - (a) The Standard Terms and Conditions which form a part of our January 12, 2012 Professional Services Contract;
 - (b) The Scope of Services;
 - (c) Time and Budgetary limitations as described in our Contract; and,
 - (d) The Limitations stated herein.
2. No other warranties or representations, either expressed or implied, are made as to the professional services provided under the terms of our Contract, or the conclusions presented.
3. The conclusions presented in this report were based, in part, on visual observations of the site and attendant structures. Our conclusions cannot and are not extended to include those portions of the site or structures, which were not reasonably available, in AMEC's opinion, for direct observation.
4. The environmental conditions at the site were assessed, within the limitations set out above, having due regard for applicable environmental regulations as of the date of the inspection. A review of compliance by past owners or occupants of the site with any applicable local, provincial or federal by-laws, orders-in-council, legislative enactments and regulations was not performed.
5. The site history research included obtaining information from third parties and employees or agents of the owner. No attempt has been made to verify the accuracy of any information provided, unless specifically noted in our report.
6. Where testing was performed, it was carried out in accordance with the terms of our contract providing for testing. Other substances, or different quantities of substances testing for, may be present on site and may be revealed by different or other testing not provided for in our contract.
7. Because of the limitations referred to above, different environmental conditions from those stated in our report may exist. Should such different conditions be encountered, AMEC must be notified in order that it may determine if modifications to the conclusions in the report are necessary.
8. The utilization of AMEC's services during the implementation of any remedial measures will allow AMEC to observe compliance with the conclusions and recommendations contained in the report. AMEC's involvement will also allow for changes to be made as necessary to suit field conditions as they are encountered.
9. This report is for the sole use of the party to whom it is addressed unless expressly stated otherwise in the report or contract. Any use which any third party makes of the report, in whole or the part, or any reliance thereon or decisions made based on any information or conclusions in the report, is the sole responsibility of such third party. AMEC accepts no responsibility whatsoever for damages or loss of any nature or kind suffered by any such third party as a result of actions taken or not taken or decisions made in reliance on the report or anything set out therein.
9. This report is not to be given over to any third party for any purpose whatsoever without the written permission of AMEC.
10. Provided that the report is still reliable, and less than 12 months old, AMEC will issue a third-party reliance letter to parties client identifies in writing, upon payment of the then current fee for such letters. All third parties relying on AMEC's report, by such reliance agree to be bound by our proposal and AMEC's standard reliance letter. AMEC's standard reliance letter indicates that in no event shall AMEC be liable for any damages, howsoever arising, relating to third-party reliance on AMEC's report. No reliance by any party is permitted without such agreement.


ROYAL CANIN







#5a

Brenda Law

From: Virginia Bancur <vbancur@hrca.on.ca>
Sent: January-15-13 3:05 PM
To: City of Burlington; City of Hamilton; City of Mississauga; County of Wellington; Grozelle, Andy ; Regional Municipality of Halton; Regional Municipality of Niagara; Regional Municipality of Peel; Ted Drewlo - Halton Hills; Town of Grimsby; Town of Milton; Town of Oakville; Brenda Law
Subject: HHSPC Minutes and Agenda
Attachments: 2012-09-11 Meeting Minutes Final.pdf; SPC Meeting Agenda 20121204.pdf

Please find attached the Minutes of the September 11, 2012 Halton-Hamilton Source Protection Committee and the Agenda for the December 4, 2012 Meeting.

Please note, the next Halton-Hamilton Source Protection Committee meeting is tentatively scheduled for April 23, 2013.

Virginia Bancur

Assistant Project Manager

Halton-Hamilton Source Protection Region

4052 Milborough Line, R.R. #2

Campbellville, ON L0P 1B0

905-854-9229 ext. 228

905-854-9220 Fax

www.protectingwater.ca

MINUTES

HALTON-HAMILTON SOURCE PROTECTION COMMITTEE MEETING #6-12

Hamilton Conservation Authority, Board Room
838 Mineral Springs Road, Ancaster L9G 4X1
September 11, 2012 2:00 pm to 5:00 pm

SPC Attendees:			
Peter Ashenhurst	Paul Attack	David Simpson	Chris Shrive
Gavin Smuk	Nick DiGirolamo	Melanie Horton	Andrea Doherty
Doug Cuthbert	Turlough Finan	Judi Partridge	Glenn Powell
Regrets SPC/Other Regrets:			
Barry Lee	Diane Bloomfield	John Westlake	Dave Braden
Susan Fielding	Kathy Menyes	Teri Yamada	
Other Attendees:			
Virginia Bancur Project Assistant HHSPR	Bob Edmondson, Conservation Halton	Ken Phillips, Conservation Halton	
David King, Health Liaison	Jean Williams, Conservation Halton	Ruth Victor, Ruth Victor & Associates	
Roy Maxwell			

ITEM	TOPIC/DISCUSSION	ACTION REQUIRED
6.	<p>Business Arising From Minutes – June 26, 2012</p> <ul style="list-style-type: none"> All action items were completed. David Simpson commented on modifications made to the May 15 minutes regarding the Evaluation Matrix (item 8) and agreed to let things stand as per the modifications made and circulated by Diane prior to this meeting. 	
7.	<p>MOE Liaison – Doug Cuthbert for John Westlake</p> <p>The MOE is currently reviewing the plans that were submitted and will contact us if questions arise. The MOE is also working on requirements for annual reporting and future technical work. The MOE is looking for a successor for John Stager and a Director of the Source Protection Programs Branch.</p>	
8.	<p>Source Protection Plans Analysis of Final Comments – Ruth Victor</p> <p>Ruth reviewed the comment highlights received from agencies, Hamilton Conservation Authority, the MOE, Halton Region and other interested parties. A number of agencies such as TSSA and OMAFRA provided comments indicating support for the plans due to the various iterations between the drafts to the final report, their issues had been resolved. Funding for regulatory changes, appeals to the policies and consistency are still concerns of Halton Region and the local municipalities.</p> <p>Two oil pipeline companies commented on the frequency of the inspection of pipelines. TSSA audits pipeline companies on about a 5 year cycle. It was noted that Lake Erie is relying on the existing inspection protocol. The SPC discussed the frequency and agreed to “park” the discussion until comments have been received from the MOE on the Plans.</p> <p>Diane Bloomfield to follow-up on why the staff reports to the Source Protection Authorities included the phrase “The Source Protection Committee discussed and considered these comments prior to finalization of the Proposed Plans and the rationale for their decisions and additional clarity on the intent of the policies were sent to the agencies.” under the header Comments Received on the Explanatory Documents.</p>	<p>Response letters to be sent to SPC.</p> <p>Diane Bloomfield is to clarify the wording in her staff report on comments received on the Explanatory Documents.</p>
9.	<p>Kelso-Campbellville Tier 3 Water Budget Update – Jacek Strakowski</p> <p>Jacek provided a status update on the Tier 3 studies. The Kelso/Campbellville project is scheduled to be completed by December 2012. The Greensville project is starting soon with Earthfx retained as the consultant on the project. The findings of the studies will be included in amendments to the Assessment Reports scheduled for 2014.</p>	
10.	<p>Low and Moderate Threats Assessment – Jeff Lee</p> <p>Jeff presented an overview of the process followed to identify low and moderate drinking water threats that exist in the vulnerable areas and their enumeration.</p>	
11.	<p>Financial Records Update for 2011 – Doug Cuthbert</p> <p>A financial summary for 2006 to 2011 was distributed.</p>	

Meeting # 7-12

AGENDA
Conference Call
December 4, 2012 2:00 pm to 5:00 pm

ITEM	TOPIC	DISCUSSION LED BY
1.	Roll Call & Mileage	Doug Cuthbert
2.	Disclosures of Conflict of Interest	Doug Cuthbert
3.	Delegations	Doug Cuthbert
4.	Review of Agenda	Doug Cuthbert
5.	Approval of Source Protection Committee Minutes of September 11, 2012	Doug Cuthbert
6.	Business Arising from Previous Minutes <ul style="list-style-type: none"> Copies of response letters to those who commented during the Proposed Plan comment period to be sent to SPC Diane Bloomfield is to clarify the wording in her staff report on comments received on the Explanatory Documents Committee members are to let Kathy Menyes, Bob Edmondson, Ken Phillips or Doug Cuthbert know if they are interested in remaining on the Source Protection Committee once the Plans are approved by the MOE Committee members to contact Virginia Bancur regarding what format of SPP and Explanatory documents they want Committee members are to review the Code of Conduct and the Rules of Procedure for updates for discussion at the December 4 SPC meeting 	Doug Cuthbert
7.	Conservation Authority Liaison Update	Doug Cuthbert
8.	MOE Liaison update	John Westlake
9.	New Georgetown WHPAs and Issue Contributing Areas	Diane Bloomfield
10.	Tier 3 Water Budget Update	Diane Bloomfield
11.	Code of Conduct and the Rules of Procedure Review	Doug Cuthbert
12.	Other Business	All
13.	Comments from Attending Public	Doug Cuthbert
14.	Adjournment – Next Meeting	Doug Cuthbert

**Attachment: Letter from MOE Director to Chairs – 2013-14 CA Work Planning – 14-Nov-12
New Georgetown WHPAs and ICAs – Maps 1.14 and 2.14**

#10a

Brenda Law

From: Gord Ough <gordo@wellington.ca>
Sent: January-16-13 11:06 AM
To: Brenda Law
Cc: Scott Wilson
Subject: FW: Townline Road at Ellis Road/Sideroad 10
Attachments: FW: Townline Road at Ellis Road/Sideroad 10 - PRIORITY!!!!

Brenda

Below is my email to Inspector Scott Lawson of the Wellington County OPP on January 11th and attached is a response from him related to the Township's concerns regarding traffic on Wellington Road 32. I will forward any further developments as they come to me.

My Best Regards

Gord

From: Gord Ough
Sent: January 11, 2013 2:18 PM
To: 'Scott.Lawson@ontario.ca'
Subject: FW: Townline Road at Ellis Road/Sideroad 10

Scott

I have forwarded this email to you to read. We have instructed our foreman in the area to take regular trips along Townline Road to try to get a sense of how bad the situation is and whether he might have any suggestions.

I would also like to respond to Brenda Law that, in their travels, the Wellington OPP will be doing the same. I am wondering if there is a charge for creating an unsafe condition such as blocking site lines at intersection that would allow some action related to the safety concerns without no parking zones or no stopping zones.

Please let me know any thoughts that you might have.

Gord

From: Brenda Law [<mailto:BrendaL@puslinch.ca>]
Sent: January 10, 2013 10:08 AM
To: Gord Ough
Subject: FW: Townline Road at Ellis Road/Sideroad 10

Happy New Year Gord!

Please see response letter below from the Region of Waterloo regarding the above mentioned intersection. This was presented to Puslinch Council at their meeting held yesterday January 9, 2013. In December we forwarded to you a letter requesting your attention to the Townline Road/Ellis Road intersection regarding trucks parking, etc. Council is wondering if you've had an opportunity to address this matter. Could no parking signs be erected, etc.?

Please provide us with any new information regarding this.

Thank you,
Brenda

From: Patricia Heft [<mailto:PHeft@regionofwaterloo.ca>]

Sent: December-13-12 3:14 PM

To: Brenda Law

Subject: Townline Road at Ellis Road/Sideroad 10

Dear Mrs. Law,

This is in response to your request for additional traffic control at the Townline Road/Ellis Road/Sideroad 10 intersection in the City of Cambridge. Our review focused on the need for traffic control signals to assist both vehicular and pedestrian movements entering/exiting the intersection.

A turning movement count was conducted on October 11th, 2012 to capture vehicular and pedestrian volume entering the Townline Road/Ellis Road/Sideroad 10 intersection during the busiest eight hours of a typical day. Traffic and pedestrian volume obtained from the turning movement count were applied to the Region's Traffic Control Signal Warrant. Criteria used to establish the need for traffic control signals includes main-street volumes, side-street volumes, pedestrian volumes, roadway characteristics and the collision history. The results of our warrant calculations are shown below.

Minimum Vehicle Warrant	- 94%
Delay to Cross Traffic Warrant	- 73%
Collision Warrant	- 0%

In order for traffic signals to be warranted one of the above warrants must satisfy 100% or the Minimum Vehicle Warrant and Delay to Cross Traffic Warrant must both satisfy 80%. Our assessment indicates that traffic and pedestrian volume currently entering the Townline Road/Ellis Road/Sideroad 10 intersection do not meet the need for traffic control signals at this time.

It is important to note that the function of traffic control signals is to assign the right-of-way between conflicting movements. Installing traffic control signals for reasons other than assigning the right-of-way may lead to a higher delay to vehicular traffic. In some instances, the collision frequency may increase with the installation of traffic control signals. Regional staff examined collisions that occurred before and after the installation of traffic control signals in urban areas within the Region of Waterloo. Although traffic control signals are generally successful in reducing angle collisions, overall collisions increased by approximately 20% and injury collisions increased by 70% after the installation of traffic control signals. Regional staff were also able to identify that most vehicle/pedestrian collisions occur at signalized intersections. For this reason, traffic control signals are rarely warranted as a safety measure alone.

A review of the 5-year collision history (2007 – 2011) at the Townline Road/Ellis Road/Sideroad 10 intersection does not indicate any unusual collision patterns. According to our records, there has been 3 collisions where 3 would be expected during this period. If we were to signalize this intersection we would expect this intersection to experience 20 collisions over a 5-year period based on collision data from other signalized intersections in the Region of Waterloo operating under similar conditions.

Based on our review, Traffic engineering staff are not recommending the installation of additional traffic control at the Townline Road/Ellis Road/Sideroad 10 intersection at this time. However, our assessment indicates that traffic volume entering the intersection is approaching the Region's signal warrant justification. As such, we will be scheduling a turning movement count at the Townline Road/Ellis Road/Sideroad 10 intersection in 2013 to reassess the need for additional traffic control. Please be assured that we will continue monitor traffic operations at the Townline Road/Ellis Road/Sideroad 10 intersection and recommend the most appropriate traffic control when Regional warrants have been met.

If you require any additional information please do hesitate to contact me.

Regards,

Patricia Heft

Engineering Technologist (Traffic)

(519) 575-4743

(519) 575-1676

150 Frederick Street

Kitchener, Ontario N2G 4J3

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Brenda Law

From: Lawson, Scott (JUS) <Scott.Lawson@ontario.ca>
Sent: January-15-13 5:20 PM
To: Gord Ough
Cc: Gray, Susan (JUS); Hunjan, Jack (JUS); Uridil, Bob (JUS)
Subject: FW: Townline Road at Ellis Road/Sideroad 10 - PRIORITY!!!!

Hi Gord,

Here are comments from Bob Uridil. I have spoken personally to Sgt Uridil and platoon Sgt King and they both have not witnessed any parked commercial vehicle issues as commented. That being said we have alerted both our Traffic Team and platoon to have a look.

Hope this helps,

Scott

From: Gray, Susan (JUS)
Sent: 15-Jan-13 2:35 PM
To: Lawson, Scott (JUS)
Subject: FW: Townline Road at Ellis Road/Sideroad 10 - PRIORITY!!!!

Bob's comments are below.

Susan Gray
Staff Sergeant
Wellington County
250 Daly Street
Palmerston, ON
N0G 2P0
519-343-5770

From: Uridil, Bob (JUS)
Sent: January 15, 2013 12:12 PM
To: Gray, Susan (JUS)
Cc: Houser, Adam (JUS); Thornton, Frank A. (JUS); Van Dyk, Henry (JUS); Gillingham, Tim (JUS); Gray, David (JUS); Van Norman, Sarah (JUS); Bracnik, Rudy (JUS); Lytle, Richard (JUS); Henderson, Gregory (JUS); Lawson, Scott (JUS)
Subject: FW: Townline Road at Ellis Road/Sideroad 10 - PRIORITY!!!!

Staff, I'm somewhat familiar with this area and have traveled it in both a police car and while off duty. The Hespler rink around the corner from there. It's all mainly new housing in regional area. This area is well known as a commuter area. Nearly everyone is in a hurry to get to the 401 which is located only minutes from there. Pedestrian traffic is occasional or non-existent. Traffic is busy during rush hour or commuter times 0700 - 0900, 1630 - 1800hrs to and from the 401. Outside those times it's a non-issue.

Traffic Members: please make this a priority, I realize it is on our border and our shift schedule has changed, but we need to have a presence on Townline road as well as our normal patrols in the area on County 34.

Robert B. Uridil

**Sergeant #6558
Traffic Management Unit
Wellington OPP Detachment**



cc Stan
#7a Greg
Amanda

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

January 9th, 2013

Township of Puslinch
RR 3 (Aberfoyle)
Guelph, Ontario
N1H 6H9

RECEIVED

JAN 14 2013

Township of Puslinch

Attention: Brenda Law

Re: Proposed Zoning By-law Amendment for the Puslinch Pit Expansion, Part Lot 13, Concession 4, Township of Puslinch, Cox Construction Limited (P1/2012)

We have reviewed the comments provided by Stovel and Associates (dated November 5th, 2012) and comments provided by Groundwater Science Corp. (dated November 6th, 2012) regarding the proposed Puslinch Pit Expansion. In general GRCA staff are satisfied with the biological evaluation and wetland monitoring plan proposed as part of the Environmental Impact Report. GRCA staff suggest that further clarification and details on the Hydrological assessment and potential impact be supplied to allow staff to recommend a position. Therefore at this time GRCA staff are not in a position to support the proposed Zoning Amendment or Aggregate Resources Act application. We offer the following comments.

Hydrogeological Review

- The proponent has not specifically shown how the requirements of the Cumulative Effects Assessment have been addressed as outlined in the document *Cumulative Effects Assessment for Below-Water Aggregate Operations within Priority Subwatersheds in the Grand River Watershed, Best Practices Paper*. We acknowledge that the layout and approach used by Groundwater Science Corp. reference the applicable sections of the Cumulative Effects Assessment. However, the comments provided to our office by Groundwater Science Corp. dated November 5th, 2012 refers GRCA staff to the report completed by Harden Environmental Limited and GWS Ecological and Forestry Services (Cumulative Impact Assessment of Aggregate Extraction in the Speed River Basin, December 2006). The 2006 report completed by Harden et al was not submitted to our office as part of this application. A complete report and set of comments should

be supplied to our office outlining specifically how the Cumulative Effects Assessment paper have been meet by the current proposal. Should the 2006 report completed by Harden et al be included in future submissions, applicable sections of the report should be referenced to demonstrate how the information required as part of the Cumulative Effects - Best Practices Paper has been addressed.

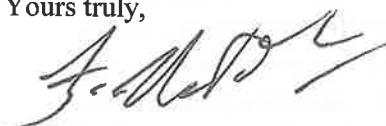
- With regards to Section 2.1 "Initial Assessment" (GRCA – *Cumulative Effects Assessment for Below-Water Aggregate Operations within Priority Subwatersheds in the Grand River Watershed, Best Practices Paper*) and in response to comments provided as part of the November 6th, 2012 provided by Groundwater Science Corp. The current stress assessment is available from the GRCA which should be incorporated into subsequent documentation to demonstrate the potential effect of below water extraction on the current water budget and level of stress as defined by the Ministry of Environment under the Clean Water Act. Please contact Gregg Zwiers, Senior Hydrogeologist at our office to review the current stress assessment data.
- Trigger Thresholds are proposed to be established to the satisfaction of MNR and the Township of Puslinch. The GRCA staff would request that consultation occur with our office as part of this process.

Advisory Comments:

Section 8.1.5 of the original reports states the proposed expansion is within the "Wellhead Protection Area 3" (WHPA-D) with travel times of between 10-25 years. Current revisions to the Source Water Protection Report has the site within the Wellhead Protection area B (WHPA-B) which has a time of travel of less than 2 years.

Should you have any further questions or comments please contact Nathan Garland at 519-621-2763 ext. 2236.

Yours truly,



Fred Natolochny
Supervisor Resource Planning
Grand River Conservation Authority

cc: Aldo Salis, County of Wellington
Rob Stovel, Stovel and Associates Inc.
Andrew Pentney, Groundwater Science Corp.
AUR, Guelph



Dufferin Aggregates
2300 Steeles Ave W, 4th Floor
Concord, ON L4K 5X6
Canada

cc stan

#76

January 14, 2013

Al Murray
Guelph Area Team Supervisor
Ministry of Natural Resources
Guelph District
1 Stone Road West
Guelph, Ontario
N1G 4Y2

RECEIVED

JAN 15 2013

Township of Puslinch

Attention: Mr. Al Murray

**Re: Monthly Monitoring Report
Mill Creek Pit, License #5738
Township of Puslinch, Wellington County**

Please find enclosed the required monitoring data for the month of December 2012. As indicated, there were no exceedences in this month.

If you have any questions, please do not hesitate to call.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ron Van Ooteghem".

Ron Van Ooteghem
Site Manager

C.c.
Brenda Law (Township of Puslinch)
Sonja Strynatka (GRCA)
Kevin Mitchell (Dufferin Aggregates)
University of Guelph

Monthly Reporting
Mill Creek Aggregates Pit
December 2012

Date	DP21 (mASL)	Threshold Value (mASL)	Exceedance
7-Dec-12	305.77	305.58	NO
13-Dec-12	305.77	305.58	NO
19-Dec-12	305.76	305.58	NO

Date	BH13 (mASL)	DP21 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
7-Dec-12	306.01	305.77	0.24	0.09	NO
13-Dec-12	306.00	305.77	0.23	0.09	NO
19-Dec-12	305.99	305.76	0.23	0.09	NO

Date	DP17 (mASL)	Threshold Value (mASL)	Exceedance
7-Dec-12	305.25	305.17	NO
13-Dec-12	305.26	305.17	NO
19-Dec-12	305.27	305.17	NO

Date	BH92-12 (mASL)	DP17 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
7-Dec-12	305.33	305.25	0.08	0.04	NO
13-Dec-12	305.32	305.26	0.06	0.04	NO
19-Dec-12	305.31	305.27	0.04	0.04	NO

Date	DP3 (mASL)	Threshold Value (mASL)	Exceedance
7-Dec-12	304.67	304.54	NO
13-Dec-12	304.66	304.54	NO
19-Dec-12	304.67	304.54	NO

Date	DP6 (mASL)	DP3 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
7-Dec-12	305.35	304.67	0.68	0.55	NO
13-Dec-12	305.37	304.66	0.71	0.55	NO
19-Dec-12	305.39	304.67	0.72	0.55	NO

Date	DP2 (mASL)	Threshold Value (mASL)	Exceedance
7-Dec-12	304.14	303.55	NO
13-Dec-12	304.12	303.55	NO
19-Dec-12	304.00	303.55	NO

Date	BH92-27 (mASL)	DP2 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
7-Dec-12	304.73	304.14	0.59	0.34	NO
13-Dec-12	304.80	304.12	0.68	0.34	NO
19-Dec-12	304.82	304.00	0.82	0.34	NO

Date	DP1 (mASL)	Threshold Value (mASL)	Exceedance
7-Dec-12	304.06	303.96	NO
13-Dec-12	303.98	303.96	NO
19-Dec-12	304.14	303.96	NO

Date	BH92-29 (mASL)	DP1 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
7-Dec-12	304.89	304.06	0.83	0.19	NO
13-Dec-12	304.96	303.98	0.98	0.19	NO
19-Dec-12	304.98	304.14	0.84	0.19	NO

Date	DP5C (mASL)	Threshold Value (mASL)	Exceedance
7-Dec-12	303.21	302.84	NO
13-Dec-12	303.17	302.84	NO
19-Dec-12	303.26	302.84	NO

Date	OW5-84 (mASL)	DP5C (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
7-Dec-12	303.56	303.21	0.35	0.25	NO
13-Dec-12	303.59	303.17	0.42	0.25	NO
19-Dec-12	303.60	303.26	0.34	0.25	NO

Note: no exceedances to report

Monthly Reporting
 Mill Creek Aggregates Pit
 December 2012

							Max. Allowable as per PTTW- Main Pond					
Total Monthly Precipitation (mm):		63.9	Waterloo-Wellington Airport (December Actual)				(Imperial Gallons)				(Litres)	
Total Monthly Normal Precipitation (mm):		79	Waterloo-Wellington Airport (30-year Normal)				2,500			per minute	11,365	
							1,800,000			per day	8,183,000	
Date	Below Water Table Extraction (wet tonnes) Phase 2	Below Water Table Extraction (wet tonnes) Phase 3	Water Pumped from Main Pond (gals)	Water Pumped from Active Silt Pond (gals)	Main Pond Level (mASL)	Exceedance Y/N (BELOW 305.5 mASL)	Phase 2 Pond Level (mASL)	Exceedance Y/N (BELOW 305.0 mASL)	Phase 3 Pond Level (mASL)	Exceedance Y/N (BELOW 303.85 mASL)	SP2 Level (mASL)	Exceedance Y/N (ABOVE 305.5 mASL) or (BELOW 304.5 mASL)
1-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
2-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
3-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
4-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
5-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
6-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
7-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
8-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
9-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
10-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
11-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
12-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
13-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
14-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
15-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
16-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
17-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
18-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
19-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
20-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
21-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
22-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
23-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
24-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
25-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
26-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
27-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
28-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
29-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
30-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
31-Dec-12	0	0	0	0	306.40	NO	305.79	NO	304.97	NO	304.95	NO
Total	0	0	-	-								
Avg./ day	0.0	0.00	-	-	306.40	NO	305.79	NO	304.97	NO	304.95	NO

Note: No exceedences to report, no pumping in December, Staff Guages removed for freeze up. Ponds frozen on approx. Dec 28th.