

Councillor Susan Fielding

6.16d  
5.11

**MAPLE LEAF FOODS**



*S. Fielding@puslinch.ca*

Sent via e-mail

February 18, 2014

Rose Caterini  
City Clerk  
City Hall  
71 Main St. W., 1<sup>st</sup> Floor  
Hamilton, ON L8P 4Y5

Dear Ms. Caterini:

**Re: Hamilton's Support for the Morriston By-Pass**

On behalf of Maple Leaf Foods we would like to request the support of Hamilton Council for the construction of the "Morriston By-Pass" on Highway 6 between Hamilton and Guelph. A diagram of the route proposed by the Ministry of Transportation of Ontario is attached.

Several businesses, chambers of commerce (including the Hamilton Chamber of Commerce) and local governments are joining Maple Leaf Foods in an effort to accelerate budget consideration of this vital infrastructure project by the Ontario and federal governments. In the case of Maple Leaf Foods, with the completion later this year of our Hamilton meat manufacturing facility, we will be directing many additional trucks north on Highway 6 to our Eastern Canadian distribution centre in Aberfoyle, Puslinch Township. Like other businesses and area residents, we are concerned that the traffic bottleneck at Morriston is both unsafe and costly to the regional economy.

It would be greatly appreciated if Hamilton could join other coalition members by making a contribution of \$4,000 towards the advocacy campaign. Regular reporting on the campaign and management of the funds will be provided.

**passionate people;  
passionate about food**

*SD*

## MAPLE LEAF FOODS



We believe that with the availability of infrastructure programs recently announced by the provincial and federal governments, it is time to demonstrate strong support for the Morrison By-Pass. We would welcome the participation of the City of Hamilton in these efforts.

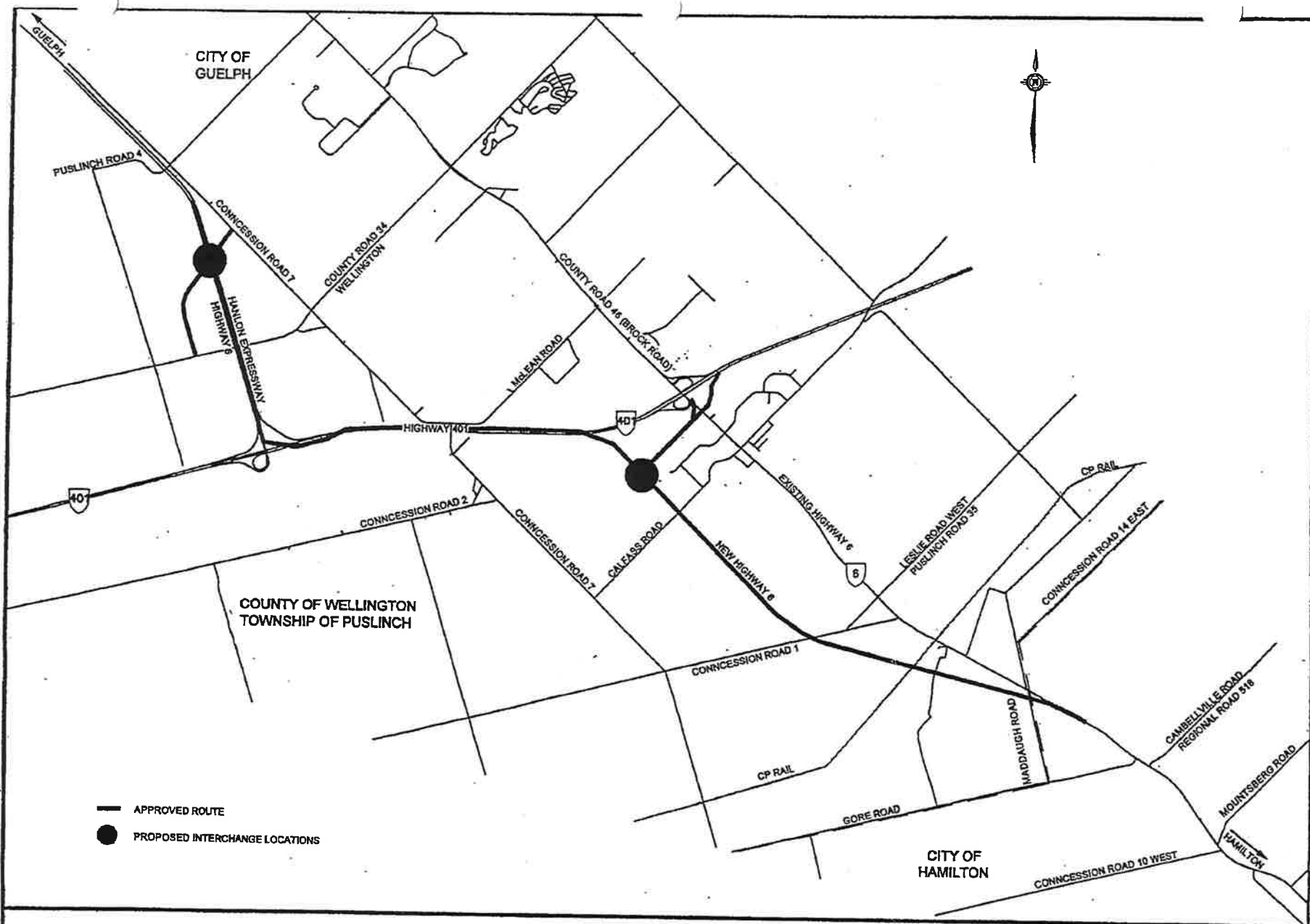
Yours sincerely,

A handwritten signature in cursive script that reads "Rory McAlpine".

Rory McAlpine  
Vice President, Government and Industry Relations  
Maple Leaf Foods

Attachment

c.c. Mr. Neil Everson, Director of Economic Development and Real Estate  
Mr. Keanin Loomis, President and CEO, Hamilton Chamber of Commerce



- APPROVED ROUTE
- PROPOSED INTERCHANGE LOCATIONS



**HIGHWAY 6  
 FREILTON TO GUELPH  
 APPROVED ROUTE**



Hamilton

City of Hamilton  
City Hall, 71 Main Street West  
Hamilton, Ontario,  
Canada L8P 4Y5  
www.hamilton.ca

City Clerk's Office, City Manager's Office  
Physical Address: 71 Main Street West, 1<sup>st</sup> floor  
Phone: 905.546-4408 Fax: 905.546-2095  
Email: clerk@hamilton.ca

February 27, 2014

Mr. Rory McAlpine  
Vice-President, Government and Industry Relations  
Maple Leaf Foods  
6985 Financial Drive  
Mississauga, ON M5N 0A1

Dear Mr. McAlpine:

**Re: Hamilton's Support for the Morriston By-Pass**

At its meeting of February 26, 2014 City Council considered your correspondence dated February 18, 2014 regarding the above matter.

Please be advised that Council has received this correspondence and referred it to the Acting General Manager of Planning and Economic Development for consideration of funding.

Yours truly,

A handwritten signature in cursive script that reads "Mary Gallagher".

Mary Gallagher,  
Manager, Legislative Services/Deputy Clerk

MG:st

c.c. J. Priel, Acting General Manager, Planning & Economic Development

File C14-005  
(5.11)

6.1(b)



## REPORT

**To: Council**

Date of Meeting: March 3, 2014

Prepared By: G.Elliott, P.Eng

Approved By:

Department: Transportation & Public Works

Date to Management Committee: February 26, 2014

Report No.: TPW-06/14

File No.:

Ward No.: 1 & 2

**Blackbridge Road EA  
Study, Heritage  
Conservation District  
(HCD) Study**

**Recommendation:**

THAT Council receive the Heritage Conservation District (HCD) Study entitled the "Black Bridge Area Cultural Heritage Study" completed by Dr. Robert Shipley of the Heritage Resources Centre, recommending that the Black Bridge Area be designated a Cultural Heritage Landscape under the City's Official Plan and that a further Cultural Heritage Landscape Technical Study with appropriate conservation policies be prepared to form the basis of an Official Plan Amendment, (copies provided separately) and

THAT Council refer Report 14-006-(TPW) to the Municipal Heritage Advisory Committee for review of the proposed staff recommendations detailed below,

AND THAT Council direct staff to report back to Council with the Municipal Heritage Advisory Committee resolution and a presentation of the HCD Study report findings and staff recommendations.

Proposed Staff Recommendations for review by MHAC

THAT Council defer consideration of a Cultural Heritage Landscape Technical Study and designation of the Black Bridge Area as a Cultural Heritage Landscape to a future capital budget at the discretion of the Chief Administrative Officer and Commissioner of Planning & Development, following the completion of other current forecasted heritage priorities and following the completion of further public consultation conducted by the City Planning & Development Department to confirm public support for this heritage preservation mechanism.

6,2(6)

## **Background:**

The Transportation & Public Works department has been undertaking the Environmental Assessment (EA) for the Black Bridge Road transportation needs including bridge and road needs on Black Bridge and Townline Roads. In December of 2012, concerns were expressed that the study had not included sufficient consideration of heritage needs. In accordance with Council direction, additional heritage consideration was added to the Environmental Assessment tasks in the form of an expansion of the Heritage Impact Assessment (HIA) works that are required under the EA Study. In addition, a supplementary, separate and distinct study was undertaken to consider the possibility of creating a Heritage Conservation District (HCD) for the Black Bridge Area.

The Heritage Impact Assessment (HIA) works within the EA Study were undertaken by MHBC Consultants as a subconsultant to Bytown Engineering, the prime consultant for the EA Study. These works are continuing.

The Heritage Conservation District (HCD) Study was undertaken by the Heritage Resources Centre with Dr Robert Shipley as the prime resource.

## **The EA Study is not dependent upon the HCD Study.**

These two studies are separate and independent of each other with the exception of the use of common heritage resource inventory information. However, once complete, the HCD Study findings become another background study to be reviewed in conjunction with the EA works.

The HCD Study commenced in January 2013. A study stakeholder group was assembled that included the Municipal and Regional heritage advisory committees and two community interest groups, Heritage Cambridge and the Blackbridge Community Association. The HCD Study proceeded yielding a final draft of the study report that was presented to the stakeholder group on September 17, 2013.

In preparation to bring the report forward to Council, staff have continued consultations with the Township of Puslinch, County of Wellington, interested local residents, the Blackbridge Community Association, and the Municipal Heritage Advisory Committee Chair.

The final report for the HCD Study has been adopted in principle by the stakeholder team including the MHAC and regional Heritage Planning Advisory Committee (HPAC) representatives on the project team. The interest groups of Heritage Cambridge and the Blackbridge Community Association disagree with this adoption in principle. Subsequent to the adoption in principle by the stakeholder team, the Municipal Heritage Advisory Committee reviewed the final HCD Study report entitled the "Black Bridge Area Cultural Heritage Study". At

their meeting of October 19, 2013 MHAC endorsed the HCD Study findings with the following resolution:

THAT the Cambridge Municipal Heritage Advisory Committee endorses the conclusions of the Black Bridge Area Cultural Heritage Study as prepared by the Heritage Resources Centre and dated August 19, 2013;

THAT the Cambridge Municipal Heritage Advisory Committee encourage the City of Cambridge to establish a Cultural Heritage Landscape Plan for this area; and

THAT the 2014/2015 Work Plan of the Cambridge Municipal Heritage Advisory Committee include the preparation of the Cultural Heritage Landscape Conservation Plan and an Amendment to the City of Cambridge Official Plan for the Black Bridge Road area.

Accordingly, staff are seeking Council direction for a referral to the Municipal Heritage Advisory Committee to review the proposed staff recommendations that are not consistent with the MHAC resolution.

**Existing Policy/By-Law:**

The 2012 Cambridge Official Plan provides the policy framework for considering heritage preservation mechanisms such as establishing Cultural Heritage Landscapes. The HCD Study Report was completed as an initial step to assess if protection for the area was appropriate. The undertaking of the HCD Study and its findings are consistent with the process expectations within the Official Plan.

**Financial Impact:**

The completion of the HCD Study entitled the “Black Bridge Area Cultural Heritage Study” was funded through the Black Bridge Road Environmental Assessment Study capital project budget. This HCD Study component of the project is complete and no additional expenditures are required to be funded under the EA Study project, or otherwise, for this initiative.

However, should Council choose to advance this heritage initiative to undertake a Cultural Heritage Landscape Technical Study as recommended within the HCD Study Report additional funding would be required. It is recommended that should Council choose to consider this additional work, this new project initiative should be referred to the Commissioner of Planning & Development for preparation of a work-plan and budget proposal for a future capital budget.

**Public Input:**

Per Council's direction, public consultation for this project has been completed. The public have been engaged through four primary groups as noted below:

1. Heritage Cambridge
2. Blackbridge Community Association
3. Heritage Resource Centre – neighbourhood consultations
4. General Public consultations through TPW project team

The project team meetings included two primary consultations with Heritage Cambridge and the Blackbridge Community Association. These were held at the start of the project (January 10, 2013) and to review the consultant draft findings (September 17, 2013). These primary sessions were held with representatives of MHAC, HPAC, Council, Consultants and City staff.

Dr Shipley and the Heritage Resource Centre team conducted the formal public consultation of the heritage study. The results of this consultation are shown in their final report "Section 4: Community Consultation". Their team was able to contact and survey 30 of approximately 85 properties in the area in addition to their consultation with other government agencies and the key project stakeholders noted above including Heritage Cambridge and the Blackbridge Community Association.

Tom Hetherington as the president of the Blackbridge Community Association representing 42 of 60 homes in the area, met with the Commissioner of Transportation & Public Works on November 18, 2013 to express concerns for the validity of the study and to seek advice on how to investigate the project further. Upon further review of the study by the Blackbridge Community Association, Mr Hetherington met with Mayor Craig, the City Chief Administrative Officer and the Commissioner of Transportation & Public Works to further express these concerns.

Throughout the project, project staff received various input from a number of residents that expressed opposing views and concerns for the study. City staff met with some of these residents that oppose the heritage protection initiative on December 19, 2013. Among the objectors to the study works are Tom & Linda Lennox, and Les Holdway the owners of two of the primary cultural heritage resources in the Black Bridge area.

**The public input provides a consensus of support for the findings of the HCD Study Report that there is cultural heritage value in the Black Bridge Area. However there is essentially no public support for the protection of those assets using the recommended Cultural Heritage Landscape designation in the Official Plan.**

Additional details of the public input are discussed in the sections below.



### **Internal/External Consultation:**

The study has been completed with ongoing consultation with internal resources and external agencies as listed below:

- Heritage Resource Centre – Prime Consultant
- Commissioner of Planning & Development
- Heritage Planner – Planning & Development
- Municipal Heritage Advisory Committee – 2 representatives
- Regional Heritage Planning Advisory Committee – 2 representatives
- Mayor Craig
- Chief Administrative Officer
- Councilor Representatives – Ward 1 & 2
- Township of Puslinch
- County of Wellington
- EA Study project prime consultant and heritage sub-consultant
- EA Study project TPW Staff

**The internal resources and external agencies’ involved in the project have reviewed the HCD Study Report entitled the “Black Bridge Area Cultural Heritage Study” and conclude that it provides a consensus of support of the report. The group concluded that the report findings that the Black Bridge Area qualifies as a Cultural Heritage Landscape are consistent with the project objectives. Its protection within the Official Plan would provide a reasonable direction for the area.**

It is noted that Heritage Cambridge and the Black Bridge Community Association do not concur with these findings.

### **Comments/Analysis:**

The following is a point form summary of the key process/issues in this initiative:

1. Council directed staff to undertake a Heritage Conservation District (HCD) Study. (i.e. to study what might be needed)
2. Council did not direct staff to implement a Heritage Conservation District (HCD) Plan in the Black Bridge Area. (i.e. immediately impose measures)
3. At the end of an HCD Study is a “decision point” before Council at which time the heritage needs are considered and a decision is made regarding if an implementation of a Heritage Conservation District Plan is warranted or desired.
4. Dr Shipley was hired to complete an HCD Study. Which he did.

5. The HCD Study confirmed there are valued overall landscape heritage assets in the Black Bridge Area. (in addition to designated structures)
6. The HCD Study concluded that a Heritage Conservation District was not the most appropriate preservation mechanism for the Black Bridge Area.
7. The HCD Study also concluded that a more appropriate alternate preservation mechanism for the heritage assets in the Black Bridge Area was available. The new Cultural Heritage Landscape designation which includes protection provisions within the City's Official Plan was recommended.
8. The "agencies" on the stakeholder committee concur with the HCD Study findings and adopted the study in principle.
9. The "public" on the stakeholder committee disagree with the HCD Study findings and oppose the adoption of the report.
10. MHAC reviewed and endorsed the HCD Study, and encourages further consideration of preservation by Council.
11. City Staff although in support of the study findings are not prepared to make a recommendation to Council to adopt and implement the findings of the HCD Study. There is almost a complete lack of public support for the alternate preservation mechanism proposed.
12. It is recommended that the City Staff position be referred to the Municipal Heritage Advisory Committee for their review.
13. The MHAC review will provide a further opportunity for the public to review the future action needs in a separate forum. This will enable a recommendation to Council from Council's advisory committee for heritage issues.
14. A subsequent presentation will be made to Council. That meeting will be the "decision point" to consider the study findings and if further action should be taken to consider implementing heritage protection measures.

### **Difficult Assignment**

The assignment to undertake an HCD Study was very difficult, particularly for the consultant, Dr Shipley. Dr Shipley was caught in the middle of a very contentious issue with vastly opposite view points anchored in the various groups and people involved. Dr Shipley struggled to maintain a professional posture on the assignment and found his work under significant scrutiny from the agencies, community groups, residents and City staff. In the end, Dr Shipley provided a

professional opinion report that met with the objectives of the study. The study did not conclude with a recommendation that was in keeping with public desires and expectations and the public oppose the final recommendations. The contentious issue persists.

### **Difficulties Encountered**

- a) **Desire to stop the Road (EA Project)**  
Despite public claims formally to Council, the primary motivation to use a Heritage Conservation District was to stop any proposed road or bridge improvements in the Black Bridge area. This was a recurring theme in many public discussions which acknowledged that the heritage resources protections were secondary. This motivation was also confirmed through Heritage Cambridge objections at a recent MHAC meeting.
- b) **Misinformation about the EA Project**  
The basic belief above that a Heritage Conservation District would stop the road improvements (EA Project) is incorrect. Even if a Heritage Conservation District existed, road improvements are necessary can be viable and can be implemented. Further, there were many significantly wrong and assumed scenarios or mis-understandings of what the road improvement project would or may do to the area. This misinformation has continued to fuel the desire to stop all road activity. The EA Study is still underway and there are ten scenarios still being studied. None of these include 4 laning of Townline or Black Bridge Roads. None of these include tearing down and throwing away the existing designated bridge structure. The Heritage Impact Assessment Study (HIA) component of the EA work is well underway. It assesses all of the proposed works to find appropriate roadway solutions to meet the sensitive landscape heritage needs of the community and to mitigate negative impacts appropriately. A preferred solution has not been selected yet.
- c) **Accusations of City Staff Intervention and Duress on Consultant**  
City staff endured many accusations that staff were exerting undue pressures and duress on Dr Shipley and his team to pre-determine the outcome of the study. It was perceived that staff did not want the Heritage Conservation District to be implemented and stop the road improvements (EA Project) works. The atmosphere of mistrust within the project added to the difficult conditions Dr Shipley had to endure. The City's scrutiny, along with that of the other agencies and public involved challenged the consultant team to ensure fully defensible findings and recommendations were achieved.
- d) **Misunderstood Terminology and Project Objectives**  
Despite best efforts to define the HCD Study project and objectives from the outset, there remains a clear misunderstanding within the public

groups of Heritage Cambridge and the Black Bridge Community Association. Following the completion of the HCD Study and the recommendation for a Cultural Heritage Landscape instead of a Heritage Conservation District, Heritage Cambridge and the Black Bridge Community Association have gone on record through the Municipal Heritage Advisory Committee meetings and meetings with City staff and officials that they do not believe the study objectives were met. Further, they do not believe that Dr Shipley conducted an HCD Study in full or in part. They believe what Dr Shipley did was an HIA Study or a Cultural Heritage Study. The “agency” stakeholders have confirmed that Dr Shipley conducted an HCD Study and have adopted it in principle. Further, MHAC reviewed the study process, objectives, and findings to pass a resolution endorsing it formally.

**e) Perceived Lack of Public Consultation**

Heritage Cambridge indicated to MHAC that they believed there were no public meetings and a lack of proper public engagement. Dr Shipley was retained in part because he was the Heritage Consultant that Heritage Cambridge preferred. Dr Shipley’s process was also fully explained to Heritage Cambridge by Dr Shipley and agreed to by Heritage Cambridge prior to undertaking the work. To our knowledge, the public consultation undertaken by Dr Shipley was in keeping with his requirements under the Heritage Act for conducting an HCD Study. His works have engaged dozens of residents and resulted in others coming forward to express opinions and concerns as well. The project has been in front of Council in public meetings a number of times and will be again with the final recommendations of the study. The requested referral to MHAC will provide another opportunity for public input as well. City staff are satisfied that there has been ample public consultation to provide the public an opportunity for input and for Council to consider the study recommendations.

**Summary Discussion**

At the request of the public, Council directed staff to undertake a review of heritage issues in the Black Bridge area. Extensive work has been undertaken and a professionally authored report has been submitted detailing the nature of the heritage resources in the area and a recommended preservation mechanism.

The study identified that the Black Bridge area has cultural heritage value not just in the built form of buildings and the bridge that are designated structures. The heritage value extends to the cultural landscape of the area including such things as the mill pond, and vistas along the Speed River. These findings are supported by a consensus of the stakeholder group.

The study identified a preservation mechanism that the Heritage Professional Consultant believes the most appropriate and beneficial. The preservation mechanism of a Cultural Heritage Landscape designation in the Official Plan is technically supportable by City Staff, Ward Councilors, HPAC and MHAC representatives. The prescribed preservation mechanism however does not satisfy the desires of the public groups engaged throughout the project. Further, any preservation mechanisms are opposed by others within the community including the owners of the other primary built heritage structures in the Black Bridge area.

Despite the technical merit, stakeholder team consensus and MHAC endorsement, the public oppose this Cultural Heritage Landscape approach. The almost unanimous public opposition to this action indicates that it is not in the best interest of the local area residents. As there is essentially no public support, the City Staff are not in a position to be able to recommend to Council that this preservation mechanism recommended from the HCD Study be implemented.

### **Next Steps & Options**

The submitted HCD Study entitled the “Black Bridge Area Cultural Heritage Study” has technical merit and provides for a possible solution to protect the heritage value of the area. It is recommended that the staff recommendations be referred to the Municipal Heritage Advisory Committee for further review.

Upon receipt of an MHAC resolution regarding the staff recommendations for deferral of this study, staff will make a presentation to Council of all study findings for Council consideration.



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

January 14, 2014

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

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 2013. As indicated, there were no exceedences in this month.

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

Sincerely,

Ron Van Ooteghem  
Site Manager

C.c.

Karen Landry (Township of Puslinch)  
Sonja Strynatka (GRCA)  
Kevin Mitchell (Dufferin Aggregates)  
University of Guelph

6.36)

CLERK'S DEPARTMENT	
TO	SD - NO COMMONS
Copy	FOR 231114
Please Handle	
For Your Information	
Council Agenda	March 12/14
File	E10 MIL

RECEIVED

JAN 14 2014

Township of Puslinch

Monthly Reporting  
Mill Creek Aggregates Pit  
December 2013

Date	DP21 (mASL)	Threshold Value (mASL)	Exceedance	Date	BH13 (mASL)	DP21 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
6-Dec-13	305.90	305.58	NO	6-Dec-13	306.19	305.90	0.29	0.09	NO
10-Dec-13	305.84	305.58	NO	10-Dec-13	306.22	305.84	0.38	0.09	NO
20-Dec-13	305.79	305.58	NO	20-Dec-13	306.16	305.79	0.37	0.09	NO

Date	DP17 (mASL)	Threshold Value (mASL)	Exceedance	Date	BH92-12 (mASL)	DP17 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
6-Dec-13	305.32	305.17	NO	6-Dec-13	305.40	305.32	0.08	0.04	NO
10-Dec-13	305.29	305.17	NO	10-Dec-13	305.38	305.29	0.09	0.04	NO
20-Dec-13	305.25	305.17	NO	20-Dec-13	305.36	305.25	0.11	0.04	NO

Date	DP3 (mASL)	Threshold Value (mASL)	Exceedance	Date	DP6 (mASL)	DP3 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
6-Dec-13		304.54	NO	6-Dec-13	305.61			0.55	NO
10-Dec-13		304.54	NO	10-Dec-13	305.59			0.55	NO
20-Dec-13		304.54	NO	20-Dec-13	305.57			0.55	NO

Date	DP2 (mASL)	Threshold Value (mASL)	Exceedance	Date	BH92-27 (mASL)	DP2 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
6-Dec-13	304.30	303.55	NO	6-Dec-13	304.96	304.30	0.66	0.34	NO
10-Dec-13	304.29	303.55	NO	10-Dec-13	304.99	304.29	0.70	0.34	NO
20-Dec-13	304.30	303.55	NO	20-Dec-13	305.03	304.30	0.73	0.34	NO

Date	DP1 (mASL)	Threshold Value (mASL)	Exceedance	Date	BH92-29 (mASL)	DP1 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
6-Dec-13	304.42	303.96	NO	6-Dec-13	305.21	304.42	0.79	0.19	NO
10-Dec-13	304.42	303.96	NO	10-Dec-13	305.23	304.42	0.81	0.19	NO
20-Dec-13	304.42	303.96	NO	20-Dec-13	305.27	304.42	0.85	0.19	NO

Date	DP5C (mASL)	Threshold Value (mASL)	Exceedance	Date	OW5-84 (mASL)	DP5C (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
6-Dec-13	303.36	302.84	NO	6-Dec-13	303.71	303.36	0.35	0.25	NO
10-Dec-13	303.34	302.84	NO	10-Dec-13	303.75	303.34	0.41	0.25	NO
20-Dec-13	303.36	302.84	NO	20-Dec-13	303.75	303.36	0.39	0.25	NO

Notes: Ice in DP3 did not allow for accurate data collection.  
December 10 and 20- DP1, 2, 5C, 17 and 21 were frozen.

Monthly Reporting  
Mill Creek Aggregates Pit  
December 2013

Max. Allowable as per PTTW- Main Pond														
Total Monthly Precipitation (mm):		Waterloo-Wellington Airport (December Actual)		Waterloo-Wellington Airport (30-year Normal)		per minute		(Imperial Gallons)		(Litres)				
50		1,800,000		2,500		11,365		1,800,000		8,183,000				
Total Monthly Normal Precipitation (mm):		Waterloo-Wellington Airport (December Actual)		Waterloo-Wellington Airport (30-year Normal)		per minute		(Imperial Gallons)		(Litres)				
67		1,800,000		2,500		11,365		1,800,000		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) INACTIVE	Exceedance Y/N (BELOW 303.85 mASL)	Phase 4, Pond Level (mASL)	Exceedance Y/N (BELOW 304.5 mASL)	SP5 Ext Level (mASL)	Exceedance Y/N (ABOVE 307.1 mASL) or (BELOW 304.85 mASL)
1-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
2-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
3-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
4-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
5-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
6-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
7-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
8-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
9-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
10-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
11-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
12-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
13-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
14-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
15-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
16-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
17-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
18-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
19-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
20-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
21-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
22-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
23-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
24-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
25-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
26-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
27-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
28-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
29-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
30-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
31-Dec-13	0	0	0	0	306.49	NO	306.15	NO	305.31	NO	305.26	NO	305.26	NO
<b>Total</b>	<b>0.0</b>	<b>0.00</b>	<b>-</b>	<b>-</b>	<b>306.49</b>	<b>NO</b>	<b>306.15</b>	<b>NO</b>	<b>305.31</b>	<b>NO</b>	<b>305.26</b>	<b>NO</b>	<b>305.26</b>	<b>NO</b>
<b>Avg./ day</b>	<b>0.0</b>	<b>0.00</b>	<b>-</b>	<b>-</b>	<b>306.49</b>	<b>NO</b>	<b>306.15</b>	<b>NO</b>	<b>305.31</b>	<b>NO</b>	<b>305.26</b>	<b>NO</b>	<b>305.26</b>	<b>NO</b>

Notes: No exceedances to report.  
Ice on ponds November 27, 2013



6.36b)



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

February 11, 2014

RECEIVED

FEB 12 2014

Township of Puslinch

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

Attention: Mr. Al Murray

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

CLERK'S DEPARTMENT	
TO <i>SD</i> - <i>NO COMMENTS</i>	
Copy	<i>FEB 23 11:44</i>
Please Handle	
For Your Information	
Council Agenda	<i>MARCH 12/14</i>
File	<i>E10.M12</i>

Please find enclosed the required monitoring data for the month of January 2014. As indicated, there were no exceedences to report in this month. Please note that due to prolonged below average temperatures in January, many of the monitoring wells were frozen.

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

Sincerely,

Ron Van Ooteghem  
Site Manager

C.c.

**Karen Landry (Township of Puslinch)**  
Sonja Strynatka (GRCA)  
Kevin Mitchell (Dufferin Aggregates)  
University of Guelph

Monthly Reporting  
Mill Creek Aggregates Pit  
January 2014

Date	DP21 (mASL)	Threshold Value (mASL)	Exceedance	Date	BH13 (mASL)	DP21 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
10-Jan-14		305.66	NO	10-Jan-14	306.19			0.11	NO
15-Jan-14		305.66	NO	15-Jan-14	306.31			0.11	NO
24-Jan-14		305.66	NO	24-Jan-14	306.27			0.11	NO
31-Jan-14		305.66	NO	31-Jan-14	306.23			0.11	NO

Date	DP17 (mASL)	Threshold Value (mASL)	Exceedance	Date	BH92-12 (mASL)	DP17 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
10-Jan-14		305.17	NO	10-Jan-14	305.40			0.07	NO
15-Jan-14		305.17	NO	15-Jan-14	305.52			0.07	NO
24-Jan-14		305.17	NO	24-Jan-14	305.47			0.07	NO
31-Jan-14		305.17	NO	31-Jan-14	305.44			0.07	NO

Date	DP3 (mASL)	Threshold Value (mASL)	Exceedance	Date	DP6 (mASL)	DP3 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
10-Jan-14		304.54	NO	10-Jan-14	305.38			0.57	NO
15-Jan-14		304.54	NO	15-Jan-14	305.48			0.57	NO
24-Jan-14		304.54	NO	24-Jan-14	305.44			0.57	NO
31-Jan-14		304.54	NO	31-Jan-14	305.75			0.57	NO

Date	DP2 (mASL)	Threshold Value (mASL)	Exceedance	Date	BH92-27 (mASL)	DP2 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
10-Jan-14		303.65	NO	10-Jan-14	304.97			0.43	NO
15-Jan-14		303.65	NO	15-Jan-14				0.43	NO
24-Jan-14		303.65	NO	24-Jan-14				0.43	NO
31-Jan-14		303.65	NO	31-Jan-14				0.43	NO

Date	DP1 (mASL)	Threshold Value (mASL)	Exceedance	Date	BH92-29 (mASL)	DP1 (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
10-Jan-14		303.88	NO	10-Jan-14	305.48			0.29	NO
15-Jan-14		303.88	NO	15-Jan-14	305.43			0.29	NO
24-Jan-14		303.88	NO	24-Jan-14	305.27			0.29	NO
31-Jan-14		303.88	NO	31-Jan-14	305.24			0.29	NO

Date	DP5C (mASL)	Threshold Value (mASL)	Exceedance	Date	OW5-84 (mASL)	DP5C (mASL)	Head Difference (m)	Threshold Value (m)	Exceedance
10-Jan-14		302.88	NO	10-Jan-14	303.64			0.30	NO
15-Jan-14		302.88	NO	15-Jan-14	303.79			0.30	NO
24-Jan-14		302.88	NO	24-Jan-14	303.77			0.30	NO
31-Jan-14		302.88	NO	31-Jan-14	303.75			0.30	NO

Note: DP21, DP17, DP3, DP2, DP1, DP5C, and 92-27 were frozen.

