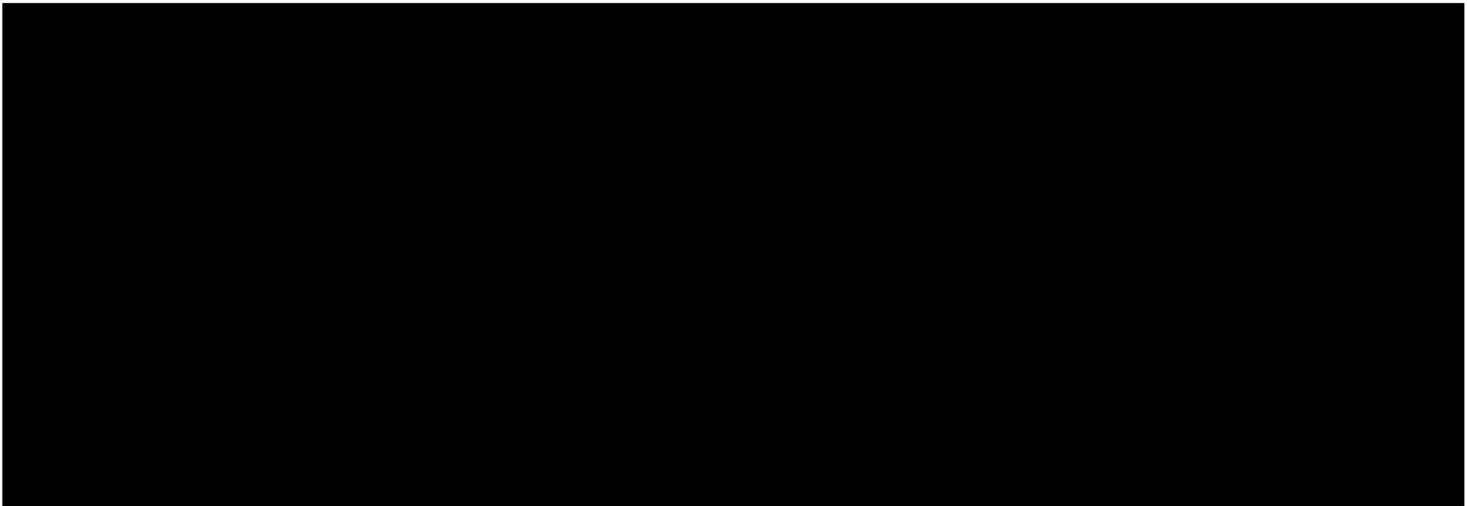


Appendix

B

Correspondence
Rev.



Subject: Seagrave Bridge

Dear :

In the August 21 edition of the "Scugog Standard" you asked for input on the iron bridge in Seagrave. My name is Julie Hutcheon, and my parents and I are 42-year-long residents of Seagrave, residing at 121 River Street.

We love having the bridge so close to our home. It's our preferred route to travel, especially in the winter. Simcoe Street can be treacherous, especially if it's icy or windy, and coming down River Street and over the bridge is much safer, we find.

The bridge is quite highly used by the residents, and now that the store is once again open, it's easy for the homeowners to just zip down the hill to the store, instead of having to go to Port Perry. People fish from it, walk their dogs across it, and use it every day. It's also architecturally pleasing, and possibly historic, as it is prominently featured in the comic strip "Birdseye Centre"; copies of which might still be available at the Scugog Library; or the Historical Society. (I can also remember TV commercials being filmed there.)

It said in the article, the possibility of making it a foot path is an option. That would be foolish. It's a needed detour when there is an accident on Simcoe Street. In fact, we can always tell when an accident has occurred because of the increased traffic through the village.

If the bridge is replaced with something else, Canoe the Nonquon would have to be stopped, as it is the second last bridge the entrants must pass under. All the participants wouldn't be able to get under a lower bridge. There is also the river traffic up the river in the spring, summer and fall. We quite enjoy watching the passing canoes, kayaks, fishermen and the occasional jet ski coming by.

We simply cannot imagine life without the "Old Bridge" as it's called. Personally, due to the horrendous traffic (and equally bad drivers), on Simcoe Street, I far prefer to take the south entrance over the bridge. Which brings up another point for not removing it—it works as a superb traffic-calming device! When people take the north entrance from Simcoe Street, they seem to have a need to go 80 kilometers an hour once they turn onto River Street. When they take the one lane bridge they *have* to slow down for the stop sign just past the bridge. It makes

my community safer. Speed through Seagrave has always been a concern, especially now, since there are more children.

I know any undertaking will be very expensive. Frankly, I'm surprised the bridge has lasted as long as it has. Making it a 2-lane bridge is ludicrous. Unneeded work and expense. A footpath? *Seriously?* Please consider repairing it. Unless, of course, that turns out not to be an option. Something to consider—it *was* built well. After all, it's lasted this long. I don't believe the "new" concrete bridge over Simcoe Street will have a life-span nearly as long as the iron bridge has had. The residents of Seagrave *need* this bridge.

If you are interested in talking to us and receiving more input, our address is [REDACTED] and our phone number is [REDACTED]. Please feel free to stop in and talk to us.

Thank-you for reading this and considering what I've had to say.

Sincerely,

[REDACTED]

Adamson, Dan

From: EnviroOnt <EnviroOnt@tc.gc.ca>
Sent: Wednesday, July 29, 2015 11:24 AM
To: Farrugia, Rebecca
Subject: NOTICE OF CLASS ENVIRONMENTAL ASSESSMENT AND PRELIMINARY DESIGN STUDY SEAGRAVE BRIDGE AND BRIDGE NO. 9 OVER THE NONQUON RIVER --- NEATS 40245
Attachments: 2015-06-16 RE Notice of Class Environmental Assessment and Preliminary Design Study Seagrave Bridge and Bridge No. 9 over the Nonquon River.PDF

Hello Rebecca,

Please note that under *the Canadian Environmental Assessment Act, 2012*, Transport Canada is required to determine the likelihood of significant adverse environmental effects of projects that will occur on federal lands prior to exercising a power, performing a function or duty in relation to that project. To determine if the aforementioned applies, it is the responsibility of the project proponent to:

1. Review the Directory of Federal Real Property (<http://www.tbs-sct.gc.ca/dfrp-rbif/>) to determine if the project will potentially interact with any federal property; and
2. Review the list of Acts that Transport Canada administers and assists in administering that may apply to the project, available at: <https://www.tc.gc.ca/eng/acts-regulations/acts.htm>.

If a project will interact with a federal property and requires approval and/or authorization under any of the Transport Canada Acts, then correspondence should only be forwarded electronically to Environmental Assessment Coordinator at: EnviroOnt@tc.gc.ca – please ensure distribution lists are updated.

Below is a summary of the most common Acts that have applied to projects in an Environmental Assessment context:

Navigation Protection Act (NPA) – the NPA applies primarily to works constructed or placed in, on, over, under, through, or across scheduled navigable waters set out under the Act. The Navigation Protection Program administers the NPA through the review and authorization of works affecting scheduled navigable waters. Information about the Program, NPA and approval process is available at: <http://www.tc.gc.ca/eng/programs-621.html>. Enquiries can be directed to NPPONT-PPNONT@tc.gc.ca or (519) 383-1863.

Railway Safety Act (RSA) – the RSA provides the regulatory framework for railway safety, security, and some of the environmental impacts of railway operations in Canada. The Rail Safety Program develops and enforces regulations, rules, standards and procedures governing safe railway operations. Additional information about the Rail Safety Program is available at: <https://www.tc.gc.ca/eng/railsafety/menu.htm>. Enquiries can be directed to RailSafety@tc.gc.ca or (613) 998-2985.

Transportation of Dangerous Goods Act (TDGA) – the transportation of dangerous goods by air, marine, rail and road is regulated under the TDGA. Transport Canada, based on risks, develops safety standards and regulations, provides oversight and gives expert advice on dangerous goods to promote public safety. Additional information about the transportation of dangerous goods is available at: <https://www.tc.gc.ca/eng/tdg/safety-menu.htm>. Enquiries can be directed to TDG-TMDOntario@tc.gc.ca or (416) 973-1868.

Aeronautics Act – Transport Canada has sole jurisdiction over aeronautics, which includes aerodromes and all related buildings or services used for aviation purposes. Aviation safety in Canada is regulated under this Act and the Canadian Aviation Regulations (CARs). Elevated Structures, such as wind turbines and communication towers, would be examples of projects that must be assessed for lighting and marking requirements in accordance with the CARs. Transport Canada also has an interest in projects that have the potential to cause interference between wildlife and aviation activities. One example would be waste facilities, which may attract birds into commercial and recreational flight paths. Enquires can be directed to CASO-SACO@tc.gc.ca or 1 (800) 305-2059 / (416) 952-0230.

If none of the aforementioned information applies to any of the projects under review, please ensure we are removed from the distribution list.

Thank you,

Environmental Assessment Coordinator | Coordinatrice d'évaluation environnementale
Transport Canada, Ontario Region | Transports Canada, Région de l'Ontario
4900 Yonge St., Toronto, ON M2N 6A5 | 4900, rue Yonge, Toronto, ON, M2N 6A5
Email | Courriel: EnviroOnt@tc.gc.ca
Facsimile | télécopieur: (416) 952-0514
Government of Canada | Gouvernement du Canada

Adamson, Dan

From: Beverly Saunders <bsaunders@kawarthaconservation.com>
Sent: Monday, November 09, 2015 3:21 PM
To: Farrugia, Rebecca
Cc: gsmith@scugog.ca; lstephens@kawarthaconservation.com
Subject: AECOM Class environmental Assessment and Preliminary Design Study (Seagrave Bridge and Bridge No. 9)

Dear Rebecca Farrugia,

This email is a response to your June 15, 2015 request for comments and input regarding the two DRAFT Municipal Class Environmental Assessment and Preliminary Design studies which determine a strategy to address the deterioration of the Seagrave Bridge (Bridge No. 6) and Bridge No. 9 on River Street. We have reviewed the following submission materials:

- Letter, dated June 16, 2015, to Mark Majchrowski from AECOM and the attached General Arrangement designs
- Seagrave Bridge (Bridge No. 6) Rehabilitation/Replacement Schedule 'B', Municipal Environmental Assessment, DRAFT Hydrology Design Report – Seagrave Bridge (Bridge No. 6), prepared by AECOM, dated May 19, 2015
- Scugog Line 8 Bridge (Bridge No. 9) Rehabilitation/Replacement Municipal Schedule 'B', Environmental Assessment, DRAFT Hydrology Design Report – Scugog Line 8 Bridge (Bridge No. 9), prepared by AECOM, dated May 20, 2015

Based on our review of the above submissions we can provide the following comments:

- With respect to the engineering components of the DRAFT Hydrology Design Report for Seagraves Bridge:
 - The HEC RAS proposed condition profile (pg. 12) does not appear to reflect the raised deck elevation as described which may affect the results shown in Table 4 (pg. 13) of the report. This should be changed in the final version of the report.
 - It is recommended that the bridge structure located downstream at Simcoe Street be included in the HEC RAS model at this stage (as opposed to detailed design) to more accurately reflect the boundary conditions and potential backwater impacts.
 - A detailed engineering review of the HEC RAS model (to analyze the potential impacts of the proposed bridge compared to existing) may be required as a part of any permit application.
- With respect to natural heritage concerns:
 - The [Nonquon River Watershed Characterization Report](#) (KRCA 2012) contains existing and compiled technical information regarding: water quality, water quantity, water use, land use, aquatic ecosystems, and terrestrial natural heritage of Nonquon River watershed. Furthermore, the [Nonquon River Watershed Plan](#) (KRCA, 2012) contains a suite of management objectives and action recommendations to sustain a healthy Nonquon River Watershed.. These documents were used to develop the below commentary and can be referred to for further information.

Seagrave Bridge

- Seagrave Bridge spans the Nonquon River, near its outlet. This portion of the river is considered a warmwater migratory section that supports spawning runs of important fishes such as muskellunge and walleye.
- In-water work restrictions are from March 1st – June 30th, as per Aurora OMNRF guidance. NOTE: These timing windows should be respected in the implementation phase of the project.
- Objectives of the Seagrave bridge replacement do not conflict with those identified within Nonquon River Subwatershed Plan.
- Design for bridge replacement seems reasonable, and impacts to river aquatic ecosystem can be likely be avoided/minimized with implementation of mitigation measures as proposed in Environmental Assessment Study slide-deck "Environmental Protection and Mitigation".

Bridge No. 9

- Scugog Line 8 Bridge spans the Nonquon River, in its mid-reaches near the Nonquon River Wildlife Area: a large provincially significant wetland. This portion of the river is considered a warmwater section that supports important fish species such as largemouth bass and muskellunge, and several turtle species at risk.
- In-water work restrictions are from April 1st – June 30th, as per Aurora OMNRF guidance. NOTE: These timing windows should be respected in the implementation phase of the project.
- The objectives of bridge removal meet those identified within Nonquon River Subwatershed Plan, such as improving habitat connectivity.
- The design for bridge removal seems reasonable, and impacts to river aquatic ecosystem can be likely be avoided/minimized with implementation of mitigation measures as proposed in Environmental Assessment Study slide-deck “Environmental Protection and Mitigation”.

We would like to take this opportunity to advise the proponent that, based on our mapping, we can now confirm that both bridge sites are regulated under Ontario Regulation 182/06 (Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses), which is administered by Kawartha Conservation. This regulation incorporates areas such as river and stream valleys, unstable soil and bedrock, flooding and erosion hazards, watercourses, and wetlands plus an allowance associated with each feature. As such, a permit from this office would be required prior to the commencement of any on-site works or site alteration (e.g., excavation, grading, fill placement, etc.) associated with the removal and/or replacement of the two bridges. Furthermore, based on the review of the aforementioned materials, the following items would be required as a part of any permit application:

1. A detailed design of the project which incorporates the comments discussed in this email. NOTE: A detailed engineering review from our office will likely be required at this phase of the project.
2. A Sediment and Erosion control Plan
3. A Site Rehabilitation Plan

Please feel free to call my office should you have any questions.

Sincerely,

Beverly Saunders
Resources Planner
KAWARTHA CONSERVATION
277 Kenrei Road
Lindsay, ON K9V 4R1

Tel: 705.328.2271 ext. 216
Fax: 705.328.2286

KawarthaConservation.com



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Adamson, Dan

From: Rich Tindall <Rich.Tindall@Durham.ca>
Sent: Tuesday, August 18, 2015 11:19 AM
To: Farrugia, Rebecca
Cc: Glen Smith (gsmith@scugog.ca); Donald Yu; Dan Blakely; Craig Belfry; Jamie Gratrix
Subject: RE: Bridge 9 Class EA

Hi Rebecca,

Thank you for the opportunity to review the results of the EA. Durham Region Works Dept staff have the following comments:

- The proposed barricade could end up over top of the existing MH. The MH location shown on the conceptual design drawing appears to be based on best available info (i.e. drawing records rather than a field survey) - and since the proposed barricade will be much longer than the CAD symbol shown on the drawing, it could extend past and/or over the existing MH. The ESR should note that the Region will require a minimum clearance of 2m between the closed edge of the MH and the barricade to allow for any future maintenance or repair work - and that the clearance will need to be field verified at the time of construction.
- Similarly, the location of the existing outlet appears to be based on best available info – and the drawing shows it extending into the Nonquon River. However, based on a site visit it appears that the outlet discharges right at the shoreline close to the bridge abutment. The ESR should note that the outlet discharge location will need to be field verified at the time of construction - and temporary fencing erected during construction to prevent the outlet from being buried/damaged, with the fencing extending from top of existing slope to the river at a 2m offset (due south) from centreline of the existing outlet pipe. If any modifications to the existing outlet are proposed (i.e. relocation, extension, additional fill, etc), the ESR will need to verify that the integrity and capacity of the outlet will be maintained.

Please feel free to contact me if you have any questions in this regard.

Thanks,
Rich

From: Farrugia, Rebecca [<mailto:Rebecca.Farrugia@aecom.com>]
Sent: July-07-15 6:32 AM
To: Rich Tindall
Cc: Donald Yu; Craig Belfry; Glen Smith (gsmith@scugog.ca)
Subject: RE: Bridge 9 Class EA

Hi Rich,

Electronic copy is now attached for your review and reference, please let me know if you have any further issues or questions.

Regards,

Rebecca Farrugia, P. Eng.
Structural Engineer, Transportation
D: 905.668.4021 ext. 2278
rebecca.farrugia@aecom.com

AECOM
300 Water Street, Whitby, ON L1N 9J2
T: 905.668.9363 F: 905.668.0221
www.aecom.com

From: Rich Tindall [<mailto:Rich.Tindall@Durham.ca>]
Sent: Friday, July 03, 2015 4:49 PM
To: Farrugia, Rebecca
Cc: Donald Yu; Craig Belfry; Glen Smith (gsmith@scugog.ca)
Subject: Bridge 9 Class EA

Hi Rebecca,

The Works Dept received your correspondence dated June 15, 2015 regarding the recommended solution for Bridge 9 on Scugog Line 8. The conceptual design attached to the correspondence shows the Nonquon WPCP outfall (as per the Region's previous comments); however, the electronic version posted to the Scugog Township website is missing the outfall. Please email me the correct electronic file so that I can forward the conceptual design to relevant Regional staff for review.

Sorry that we didn't request this sooner, but the correspondence was simply addressed to the "Works Dept" so it took a while to find its way to me. As such, we won't be able to meet your comment deadline of July 6th, but we will endeavor to provide comment ASAP.

Regards,

Rich Tindall, P.Eng.
Manager of Engineering Planning & Studies

Regional Municipality of Durham
Works Department
P.O. Box 623
605 Rossland Road East
Whitby, ON L1N 6A3

Phone: 905-668-7711, Ext 3547
Toll Free: 800-372-1102
Mobile: 905-260-3871
Fax: 905-668-2051

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**Ministry of the Environment and
Climate Change**

Central Region
Technical Support Section

5775 Yonge Street, 8th Floor
North York, Ontario M2M 4J1

Tel.: (416) 326-6700
Fax: (416) 325-6345

**Ministère de l'Environnement et de l'Action
en matière de changement climatique**

Région du Centre
Section d'appui technique

5775, rue Yonge, 8^{ième} étage
North York, Ontario M2M 4J1

Tél. : (416) 326-6700
Télééc. : (416) 325-6347



April 11, 2017

File No.: EA 01-06-05

Carol Coleman (BY EMAIL ONLY)
Township of Scugog
181 Perry Street
Port Perry ON L9L 1A7

**RE: Seagrave Bridge and Bridge No. 9
Township of Scugog
Municipal Class EA – Schedule B
Draft Project File Report
Technical Support Section Comments**

Dear Ms. Coleman,

We have reviewed the draft Project File Report (report) for the above noted environmental assessment. Our understanding is that the preferred alternative for the Seagrave Bridge is construction of a new bridge (alternative 3 – replace structure), and that the preferred alternative for the No. 9 Bridge is the removal of the existing bridge (alternative 5 – remove structure). We provide the following comments below for your consideration.

Section 1.3

- Please update the first sentence as follows: The Municipal Class EA (2000, as amended 2007, 2011 and 2015) document defines four schedules under which projects may be planned (A, A+, B, C).

Section 2.1

- Section 2.1.1 lists the day in which the Notice of Commencement appeared in the local newspaper (1 day listed). Per Section A.3.5.3 of the Municipal Class Environmental Assessment Document, Schedule B and C projects require two (2) published notices at the mandatory points of contact. Two (2) published notices shall mean two (2) notices appearing in separate issues of the same newspaper (i.e. the notice is published in the same newspaper on two different days). Please note this requirement for the Notice of Completion and for future projects.

Section 3 Background and Existing Conditions

- The report should include a complete and detailed description of all aspects of the environment, which includes the natural environment, social environment, land-use planning environment, cultural environment etc.
 - Please include a description of the land-use planning environment. This refers to a description of relevant plans and policies that apply to the project, as well as how the project adheres to them. At the municipal level, this would include Official Plans (land use designations, applicable policies etc.), and at the provincial level this would include policies of the Provincial Policy Statement and relevant provincial plans (in this case the Greenbelt Plan).
 - Please include a description of the existing cultural heritage environment as much as possible.
 - For the description of the social environment, please also include any recreational aspects of the area (i.e. is the river in this area used for any recreational purpose? Are the bridges used for any recreational purpose?) Comments from the public included in Appendix B appear to describe some of these aspects.
 - It would be helpful to include figures, such as labelled maps, to support the description of the environments (for example, to show exactly where the ANSI and wetlands are located in the study area for the natural environment; to show land use designations of the Official Plans for the planning environment etc.).
 - The description of the aquatic resources (i.e. the Nonquon River) could reflect information provided by the Kawartha Region Conservation Authority in its November 9, 2015 email; specifically the following information: “The Seagrave Bridge spans the Nonquon River, near its outlet. This portion of the river is considered a warmwater migratory section that supports spawning runs of important fishes such as muskellunge and walleye.” And “Scugog Line 8 Bridge spans the Nonquon River, in its mid-reaches near the Nonquon river Wildlife Area: a large provincially significant wetland. This portion of the river is considered a warmwater section that supports important fish species such as largemouth bass and muskellunge, and several turtle species at risk.”

Source Water Protection

The Clean Water Act, 2006 (CWA) aims to protect existing and future sources of drinking water. To achieve this, several types of vulnerable areas have been delineated around surface water intakes and wellheads for every municipal residential drinking water system that is located in a source protection area. These vulnerable areas are known as a Wellhead Protection Areas (WHPAs) and surface water Intake Protection Zones (IPZs). Other vulnerable areas that have been delineated under the CWA include Highly Vulnerable Aquifers (HVAs), Significant Groundwater Recharge Areas (SGRAs), Event-based modelling areas (EBAs), and Issues Contributing Areas (ICAs). Source protection plans have been developed that include policies to address existing and future risks to sources of municipal drinking water within these vulnerable areas.

Projects may include activities that, if located in a vulnerable area, could be a threat to sources of drinking water (i.e. have the potential to adversely affect the quality or quantity of drinking water sources) and the activity could therefore be subject to policies in a source protection plan. Where an activity poses a risk to drinking water, policies in the local source protection plan may impact how or where that activity is undertaken. Policies may prohibit certain activities, or they may require risk management measures for these activities. Municipal Official Plans, planning decisions, Class EA projects (where the project includes an activity that is a threat to drinking water) and prescribed instruments must conform with policies that address significant risks to drinking water and must have regard for policies that address moderate or low risks.

- As you may be aware, in October 2015, the MEA Parent Class EA document was amended to include reference to the Clean Water Act (Section A.2.10.6) and indicates that proponents undertaking a Municipal Class EA project must identify early in their process whether a project is or could potentially be occurring with a vulnerable area. Given this requirement, please include a section in the ESR on source water protection. The proponent should clearly document how the proximity of the project to sources of drinking water (municipal or other) and any delineated vulnerable areas was considered and assessed, whether there were any source protection plan policies that applied, and if so, how they impacted the project, as well as identify mitigating measures to address any negative environmental impacts to those sources (considering natural, economic and social/cultural environmental impacts). Proponents can use this mapping tool: <http://www.applications.ene.gov.on.ca/swp/en/index.php> to identify if the project is occurring in any vulnerable areas. The mapping tool will also provide a link to the appropriate source protection plan in order to identify what policies may be applicable in the vulnerable area. For further information on the maps or source protection plan policies which may relate to their project, proponents should contact the Project Manager for Drinking Water Source Protection at the local source protection authority (i.e., conservation authority).

Section 5

- Section 5.1 states that the alternative solutions were evaluated based on criteria within the technical, natural and economic environments. Please include the list of these criteria under section 5.1.
- The evaluation process of the alternatives against the specific criteria is not included in the report or the appendices. Please also include this in Section 5 or in an appendix. For your reference, proponents generally present this evaluation in a table format.

Section 7

Please include the following additional information under section 7:

- All waste generated during construction must be disposed of in accordance with provincial requirements.

- During construction, please apply best management practices to mitigate any air quality impacts caused by construction dust. The MOECC recommends that non-chloride dust suppressants be applied. For a comprehensive list of fugitive dust prevention and control measures that could be included, please refer to Cheminfo Services Inc. Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities. Report prepared for Environment Canada. March 2005.
<http://www.bieapfrempp.org/Toolbox%20pdfs/EC%20-20Final%20Code%20of%20Practice%20-%20Construction%20%20Demolition.pdf>
- This project involves the management of excess soil. Accordingly, these activities should be completed in accordance with the MOECC's current guidance document titled "Management of Excess Soil – A Guide for Best Management Practices" (2014) available online (<http://www.ontario.ca/document/management-excess-soil-guide-best-management-practices>).
- If soils are contaminated, the proponent must determine how and where they are to be disposed of, consistent with Part XV.1 of the Environmental Protection Act (EPA) and Ontario Regulation 153/04, Records of Site Condition. The MOECC's York-Durham District Office should be contacted for further consultation if contaminated sites are present.

Cultural Heritage (Section 7 and Section 8)

- As discussed in our telephone discussion on April 7, 2017 and subsequent emails, a discussion is required with the Ministry of Tourism, Culture and Sport (MTCS). Following this discussion, information about impacts, mitigation measures and commitments regarding cultural heritage and archeological potential as well as required studies/assessments need to be included in the report, as agreed upon with MTCS.

Section 9 Permits and Approvals

- Please be specific in the list of permits/approvals required for the project. For example, what kind of permit is required from Kawartha Region Conservation Authority? (i.e. a permit under Ontario Regulation 182/06 – Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses).
- Is a permit or authorization from the Ministry of Natural Resources and Forestry under the Endangered Species Act required for the project?
- This section should also note that a Permit to Take Water will be required from the Ministry of the Environment and Climate Change for any water takings over 50 000 L/day.

Appendices

- Please ensure copies of all notices for the project are included in Appendix A, including Notice of Public Meeting (issued March 2017) and Notice of Completion.
- Please ensure Appendix B is a complete record of correspondence from stakeholders relating to the project.

Other

- Please ensure that any reference to the “Ministry of the Environment (MOE)” is replaced with the correct name of “Ministry of the Environment and Climate Change (MOECC)”.
- Section 1.4 references the “Minister of the Environmental and Climate Change”, this should be the “Minister of the Environment and Climate Change”.
- Please ensure that any reference to the “Ministry of Natural Resources” is replaced with the correct name of “Ministry of Natural Resources and Forestry (MNR)”.

Thank you for the opportunity to comment on this project. Should you or any members of your project team have any questions, please feel free to contact me at emilee.oleary@ontario.ca or 416-326-3469. Thank you in advance for your response to this ministry’s comments as posed herein.

Sincerely,



Emilee O’Leary
Regional Environmental Assessment Coordinator
Air, Pesticides and Environmental Planning

cc: Paul Martin, Supervisor, Technical Support Section, MOECC
Celeste Dugas, Manager, York Durham District Office, MOECC
Daniel Adamson, Project Team, AECOM

October 20, 2017

Ms. Emilee O'Leary (by e-mail only)
Regional Environmental Assessment Co-ordinator
Air, Pesticides and Environmental Planning
Ministry of the Environment and Climate Change
5775 Yonge Street, 8th Floor
North York, Ontario M2M 4J1

Dear Ms. O'Leary:

**Regarding: Seagrave Bridge and Bridge No. 9, Township of Scugog, Municipal Class EA –
Schedule B
Draft Project File Report, Technical Support Section Comments**

MOECC File No.: EA 01-06-05

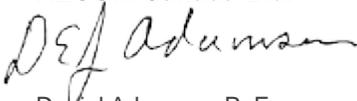
AECOM Project No: 60320440

Thank you for providing comments relating to the Environmental Study Report (ESR) for the Township of Scugog Seagrave Bridge and Bridge No. 9 Schedule B Municipal Class EA. AECOM Canada Ltd. has been retained by the Township of Scugog for the preparation and completion of this ESR. A summary of your comments along with our response and proposed action is provided in the attached table.

We trust that any of your concerns related to the ESR document have been addressed. When finalized, a copy of the ESR will be made available via e-mail link. If you have any additional comments or questions regarding the study, please don't hesitate to contact me.

Sincerely,

AECOM Canada Ltd.



Daniel Adamson, P. Eng.
Senior Project Engineer

Cc: Carol Coleman, Township of Scugog

Seagrave Bridge and Bridge No. 9 (Township of Scugog) MCEA – Schedule B
Draft Project File Report
MOECC Technical Support Section Comments
File No. EA 01-06-05

No.	MOECC (August 31, 2017)	AECOM Response (October 20, 2017)
	Section 1.3	
1	<i>Please update the first sentence as follows: The Municipal Class EA (2000, as amended 2007, 2011 and 2015) document defines four schedules under which projects may be planned (A, A+, B, C).</i>	Sentences have been updated.
	Section 2.1	
2	<i>Section 2.1.1 lists the day in which the Notice of Commencement appeared in the local newspaper (1 day listed). Per Section A.3.5.3 of the Municipal Class Environmental Assessment Document, Schedule B and C projects require two (2) published notices at the mandatory points of contact. Two (2) published notices shall mean two (2) notices appearing in separate issues of the same newspaper (i.e. the notice is published in the same newspaper on two different days). Please note this requirement for the Notice of Completion and for future projects.</i>	Requirement Noted.
	Section 3 Background and Existing Conditions	
3	<i>Please include a description of the land-use planning environment. This refers to a description of relevant plans and policies that apply to the project, as well as how the project adheres to them. At the municipal level, this would include Official Plans (land use designations, applicable policies etc.), and at the provincial level this would include policies of the Provincial Policy Statement and relevant provincial plans (in this case the Greenbelt Plan).</i>	Description of land use planning environment has been added for the provincial, regional, and municipal levels.
4	<i>Please include a description of the existing cultural heritage environment</i>	A Cultural Heritage Evaluation Report has been prepared.

No.	MOECC (August 31, 2017)	AECOM Response (October 20, 2017)
	<i>as much as possible.</i>	
5	<i>For the description of the social environment, please also include any recreational aspects of the area (i.e. is the river in this area used for any recreational purpose? Are the bridges used for any recreational purpose?) Comments from the public included in Appendix B appear to describe some of these aspects.</i>	A description of the social environment has been added.
6	<i>It would be helpful to include figures, such as labelled maps, to support the description of the environments (for example, to show exactly where the ANSI and wetlands are located in the study area for the natural environment; to show land use designations of the Official Plans for the planning environment etc.).</i>	Figures and maps to support the description of the environments have been added and updated.
7	<i>The description of the aquatic resources (i.e. the Nonquon River) could reflect information provided by the Kawartha Region Conservation Authority in its November 9, 2015 email; specifically the following information: “The Seagrave Bridge spans the Nonquon River, near its outlet. This portion of the river is considered a warmwater migratory section that supports spawning runs of important fishes such as muskellunge and walleye.” And “Scugog Line 8 Bridge spans the Nonquon River, in its mid-reaches near the Nonquon river Wildlife Area: a large provincially significant wetland. This portion of the river is considered a warmwater section that supports important fish species such as largemouth bass and muskellunge, and several turtle species at risk.”</i>	The description of the Aquatic resources has been updated.
	Source Water Protection	
8	<i>The Clean Water Act, 2006 (CWA) aims to protect existing and future sources of drinking water. To achieve this, several types of vulnerable areas have been delineated around surface water intakes and wellheads for every municipal residential drinking water system that is located in a source protection area. These vulnerable areas are known as a Wellhead Protection Areas (WHPAs) and surface water Intake Protection Zones (IPZs). Other vulnerable areas that have been delineated under the CWA include Highly Vulnerable Aquifers (HVAs), Significant Groundwater Recharge Areas (SGRAs), Event-based modelling areas (EBAs), and Issues</i>	We have included a section in the ESR on Source Water Protection.

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	<p><i>Contributing Areas (ICAs). Source protection plans have been developed that include policies to address existing and future risks to sources of municipal drinking water within these vulnerable areas.</i></p> <p><i>Projects may include activities that, if located in a vulnerable area, could be a threat to sources of drinking water (i.e. have the potential to adversely affect the quality or quantity of drinking water sources) and the activity could therefore be subject to policies in a source protection plan. Where an activity poses a risk to drinking water, policies in the local source protection plan may impact how or where that activity is undertaken. Policies may prohibit certain activities, or they may require risk management measures for these activities. Municipal Official Plans, planning decisions, Class EA projects (where the project includes an activity that is a threat to drinking water) and prescribed instruments must conform with policies that address significant risks to drinking water and must have regard for policies that address moderate or low risks.</i></p> <ul style="list-style-type: none"> <i>As you may be aware, in October 2015, the MEA Parent Class EA document was amended to include reference to the Clean Water Act (Section A.2.10.6) and indicates that proponents undertaking a Municipal Class EA project must identify early in their process whether a project is or could potentially be occurring with a vulnerable area. Given this requirement, please include a section in the ESR on source water protection. The proponent should clearly document how the proximity of the project to sources of drinking water (municipal or other) and any delineated vulnerable areas was considered and assessed, whether there were any source protection plan policies that applied, and if so, how they impacted the project, as well as identify mitigating measures to address any negative environmental impacts to those sources (considering natural, economic and social/cultural environmental impacts). Proponents can use this mapping tool: http://www.applications.ene.gov.on.ca/swp/en/index.php to identify if the project is occurring in any vulnerable areas. The</i> 	

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	<p><i>mapping tool will also provide a link to the appropriate source protection plan in order to identify what policies may be applicable in the vulnerable area. For further information on the maps or source protection plan policies which may relate to their project, proponents should contact the Project Manager for Drinking Water Source Protection at the local source protection authority (i.e., conservation authority).</i></p>	
	<p>Section 5</p>	
9	<p><i>Section 5.1 states that the alternative solutions were evaluated based on criteria within the technical, natural and economic environments. Please include the list of these criteria under section 5.1.</i></p>	<p>We have updated the ESR to indicating the criteria for evaluating the alternatives.</p>
	<p>Section 7</p>	
	<p><i>All waste generated during construction must be disposed of in accordance with provincial requirements.</i></p>	<p>This recommendation has been added to the ESR.</p>
	<p><i>During construction, please apply best management practices to mitigate any air quality impacts caused by construction dust. The MOECC recommends that non-chloride dust suppressants be applied. For a comprehensive list of fugitive dust prevention and control measures that could be included, please refer to Cheminfo Services Inc. Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities. Report prepared for Environment Canada. March 2005. http://www.bieapfrempp.org/Toolbox%20pdfs/EC%20-20Final%20Code%20of%20Practice%20-%20Construction%20%20Demolition.pdf</i></p>	<p>This recommendation has been added to the ESR.</p>
	<p><i>This project involves the management of excess soil. Accordingly, these activities should be completed in accordance with the MOECC's current guidance document titled "Management of Excess Soil – A Guide for Best Management Practices" (2014) available online (http://www.ontario.ca/document/management-excess-soil-guide-best-management-practices).</i></p>	<p>This recommendation has been added to the ESR.</p>
	<p><i>If soils are contaminated, the proponent must determine how and where they are to be disposed of, consistent with Part XV.1 of the Environmental</i></p>	<p>This recommendation has been added to the ESR.</p>

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	<i>Protection Act (EPA) and Ontario Regulation 153/04, Records of Site Condition. The MOECC's York-Durham District Office should be contacted for further consultation if contaminated sites are present.</i>	
	Cultural Heritage (Section 7 and Section 8)	
	<i>As discussed in our telephone discussion on April 7, 2017 and subsequent emails, a discussion is required with the Ministry of Tourism, Culture and Sport (MTCS). Following this discussion, information about impacts, mitigation measures and commitments regarding cultural heritage and archeological potential as well as required studies/assessments need to be included in the report, as agreed upon with MTCS.</i>	A Cultural Heritage Evaluation Report and Stage 1 Archeological Assessment have been provided to the Ministry.
	Section 9 Permits and Approvals	
	<i>Please be specific in the list of permits/approvals required for the project. For example, what kind of permit is required from Kawartha Region Conservation Authority? (i.e. a permit under Ontario Regulation 182/06 – Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses).</i>	The list of permits/approvals has been updated in the ESR.
	<i>Is a permit or authorization from the Ministry of Natural Resources and Forestry under the Endangered Species Act required for the project?</i>	This will be determined during detailed design. A note has been added in the ESR.
	<i>This section should also note that a Permit to Take Water will be required from the Ministry of the Environment and Climate Change for any water takings over 50 000 L/day.</i>	A note has been added.
	Appendices	
	<i>Please ensure copies of all notices for the project are included in Appendix A, including Notice of Public Meeting (issued March 2017) and Notice of Completion.</i>	Notices have been added.
	<i>Please ensure Appendix B is a complete record of correspondence from stakeholders relating to the project.</i>	Appendix B has been updated to include all relevant correspondence.
	Other	
	<i>Please ensure that any reference to the “Ministry of the Environment (MOE)” is replaced with the correct name of “Ministry of the Environment and Climate Change (MOECC)”.</i>	ESR has been updated.
	<i>Section 1.4 references the “Minister of the Environmental and Climate</i>	ESR has been updated.

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	<i>Change”, this should be the “Minister of the Environment and Climate Change”.</i>	
	<i>Please ensure that any reference to the “Ministry of Natural Resources” is replaced with the correct name of “Ministry of Natural Resources and Forestry (MNRF)”.</i>	ESR has been updated.

Ministry of Tourism, Culture and Sport

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Ministère du Tourisme, de la Culture et du Sport

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Aug 9, 2017

Adria Grant (P131)
AECOM
426 Ridout London ON N6C 4A1

RE: Entry into the Ontario Public Register of Archaeological Reports: Archaeological Assessment Report Entitled, "Stage 1 Archaeological Assessment, Seagrave Bridge and Bridge No. 9 over the Nonquon River Class EA, Part of Lot 24, Concession 13 and Lot 15, Concessions 7 and 8, Geographic Township of Reach, Ontario County, now the Township of Scugog, Ontario ", Dated Jul 31, 2017, Filed with MTCS Toronto Office on N/A, MTCS Project Information Form Number P131-0043-2017, MTCS File Number 0006842

Dear Ms. Grant:

The above-mentioned report, which has been submitted to this ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18, has been entered into the Ontario Public Register of Archaeological Reports without technical review.¹

Please note that the ministry makes no representation or warranty as to the completeness, accuracy or quality of reports in the register.

Should you require further information, please do not hesitate to send your inquiry to Archaeology@Ontario.ca

cc. Archaeology Licensing Officer
Carol Coleman, Township of Scugog
TBD TBD, Ministry of the Environment and Climate Change

¹In no way will the ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.