

Appendix G: Public and Stakeholder Consultation

Agency and Utility Correspondence

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Jean Louis Gaudet

From: Alex Kolsteren
Sent: August-12-14 10:11 AM
To: Arun Jain
Cc: Jean Louis Gaudet
Subject: FW: Navigable Waters Impact - Oakville Water Purification Plant Environmental Assessment - Region of Halton
Attachments: Outfalls and Water Intakes.pdf; Notice of Work Form - April 2014.doc
Follow Up Flag: Follow up
Flag Status: Flagged

Hi Arun,

Response from Transport Canada.

Thanks,

Alex Kolsteren, M.Pl.

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From: NPP ONT - PPN ONT [mailto:NPPONT-PPNONT@tc.gc.ca]
Sent: Tuesday, July 29, 2014 3:43 PM
To: Alex Kolsteren
Subject: RE: Navigable Waters Impact - Oakville Water Purification Plant Environmental Assessment - Region of Halton

The Navigation Protection Program is responsible for the administration of the *Navigation Protection Act*, which prohibits the construction or placement of any “works” in a scheduled navigable waterway that may interfere with the public right to navigation without first obtaining authorization from this office.

The Navigation Protection Program also maintains responsibility for provisions of the Private Buoy Regulations and Receiver of Wreck under the Canada Shipping Act.

Please find attached a copy of the Minor Works Order (Outfalls and Water Intakes), as well as, a copy of the Notice of Works form.

Please note the Minor Works Order is a self assessment tool, should the owner of the works determine that the works fall within the guidelines set forth in the Order, than a Notice of Work will not be required by this office.

Thank you,

Katie Gaulton
Administration Clerk
Navigation Protection Program/Programme de la protection de la navigation Transport Canada /
Transports Canada Programs/Programmes Ontario Region/Région de l'Ontario

100 South Front Street / 100 rue Front S.
Sarnia, Ontario N7T 2M4
Phone 519-383-1863 | Fax 519-383-1989
NPPONT-PPNONT@tc.gc.ca

From: Alex Kolsteren [<mailto:Alex.Kolsteren@exp.com>]

Sent: Tuesday, July 29, 2014 10:38 AM

To: NPP ONT - PPN ONT

Subject: Navigable Waters Impact - Oakville Water Purification Plant Environmental Assessment - Region of Halton

Hi,

I am working with The Region of Halton on an Municipal Class Environmental Assessment for the Rerating of the Oakville Water Purification Plant and Intake Extension in the Town of Oakville. I am trying to ascertain approval and review requirements for the project as there is the possibility that the project may include work within a navigation corridor along the shoreline of Lake Ontario for the installation of an underwater intake pipe. If this could be directed to the appropriate party it would be greatly appreciated.

Thanks,



Alex Kolsteren, M.Pl.

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Navigation Protection Act (NPA) Notice of Works Form

PRIOR TO COMPLETING THIS FORM:

1. Determine if your project is on a navigable water listed on the schedule to the NPA. Notice to the Minister is required for works on scheduled navigable waters. Works on non-scheduled navigable waters may be eligible to Opt-in; if requesting Opt-in, the Opt-in Request annex must be included with your Notice to the Minister.

2. Self assess your project against the *Minor Works Order* and *Minor Repairs Order* (as appropriate) to determine if a Notice to the Minister is required.

Links to the NPA schedule and orders can be accessed through the NPP website at <http://www.tc.gc.ca/eng/programs-621.html>.

PURPOSE		
<p>This "Notice of Works" form and its attachments (as well as other relevant information which may be required for a review by TC), once completed and submitted, comprise the Notice to the Minister as required under the <i>Navigation Protection Act</i>. For assistance in completing your submission, refer to the guidance provided on the NPP website under "Apply to the NPP" including the <i>Guide to the NPP's Notification, Application and Review Requirements</i>.</p>		
<p>This form, its attachments and all supporting documentation will be reviewed by a person designated under the NPA. Any false or misleading statement(s) on this form or relating to any document in support of this Notice to the Minister, including concealment of material facts, may lead to refusal to issue Approval or cancellation of an Approval</p>		
SUPPORTING DOCUMENTATION REQUIREMENTS		
<p>Failure to complete all mandatory fields on this form and to provide mandatory supporting documentation, along with a signed copy of this form, will result in your Notice to the Minister being returned with no further action. Mandatory fields are identified with a "*".</p>		
<p>The following mandatory supporting documentation must be provided.</p> <p>Completed and signed "Notice of Works" form with all mandatory fields completed:</p> <ul style="list-style-type: none"> <li style="display: inline-block; width: 45%;">• Owner Contact Information <li style="display: inline-block; width: 45%;">• Body of Water Name <li style="display: inline-block; width: 45%;">• Project Information <li style="display: inline-block; width: 45%;">• Work Site Information <p>Related Maps and Drawings:</p> <ul style="list-style-type: none"> <li style="display: inline-block; width: 45%;">• Map Showing Location of Project <li style="display: inline-block; width: 45%;">• Top/Plan View Drawings with Dimensions <li style="display: inline-block; width: 45%;">• Side/Profile View Drawings with Dimensions <li style="display: inline-block; width: 45%;">• Top/Plan View Drawings with Dimensions 		
<p>When submitting a Notice to the Minister, owners should note:</p> <ul style="list-style-type: none"> • All plans and drawings must be legible when printed on 11" x 17" paper • For e-mail submissions, provide a scan of all relevant Supporting Documentation • For hard copy submissions, provide a copy of all relevant Supporting Documentation along with six (6) copies of each map, top/plan view and side/profile view drawing printed on 11" x 17" paper • Notice of Works should be sent to the appropriate regional office as outlined below 		
TRANSPORT CANADA NAVIGATION PROTECTION PROGRAM REGIONAL OFFICE LOCATIONS		
<p>Pacific Region Pacific Regional Office 820-800 Burrard Street Vancouver, BC V6Z 2J8 Telephone: 604-775-8867 Email: NPPAC-PPNPAC@tc.gc.ca</p>	<p>Prairie and Northern Region Canada Place 1100-9700 Jasper Ave Edmonton, AB T5J 4E6 Telephone: 780-495-8215 Email: NPPNR-PPNRPN@tc.gc.ca</p>	<p>Ontario Region 100 South Front Street, 1st Floor Sarnia, ON N7T 2M4 Telephone: 519-383-1863 Email: NPPONT-PPNONT@tc.gc.ca</p>
<p>(For info on the NPP and NPA ONLY) Notices not processed at this office</p> <p>Headquarters Tower C, 330 Sparks Street, 10th Floor Ottawa, ON K1A 0N5 Telephone: 613-990-1036 Email: oept@tc.gc.ca</p>	<p>Quebec Region 401-1550 d'Estimauville Ave, 4th Floor Quebec, QC G1J 0C8 Telephone: 418-648-4549 Email: PPNQUE-NPPQUE@tc.gc.ca</p>	<p>Atlantic Region 95 Foundry Street, 6th Floor P.O. Box 42 Moncton, NB E1C 8K6 Telephone: 506-851-3113 Email: NPPATL-PPNATL@tc.gc.ca</p>



Navigation Protection Act Notice of Works Form

TC File no. (if known):
Are you the riparian property owner?
<input type="checkbox"/> Yes <input type="checkbox"/> No

1. General Information		
*Official and/or local name(s) of body of water.	Is body of water on the schedule to the NPA? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
Are you also requesting an Approval, if required? <input type="checkbox"/> Yes <input type="checkbox"/> No	Is this an Opt-in Request? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Are you representing an Aboriginal group? <input type="checkbox"/> Yes <input type="checkbox"/> No	Is the work near/on First Nations reserve or land claim? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Does this project involve throwing or depositing materials in water? <input type="checkbox"/> Yes <input type="checkbox"/> No	Does this project involve dewatering a body of water ? <input type="checkbox"/> Yes <input type="checkbox"/> No	
2. Owner^a Contact Information		
*Individual or Company Name		Contact Name:
*Mailing Address		
*City/Town	*Province/Territory	*Postal Code
*Primary Phone	Other Phone :	E-mail:
Owner's Agent (Contractor/Consultant/Representative/Co-Proponent, if any)		
Company Name:		Contact Name:
Mailing Address:		
City/Town:	Province/Territory:	Postal Code:
Primary Phone:	Other Phone :	E-mail:
3. Work Site Information		
*Nearest Municipality/Country/District	*Province/Territory	
*Site Location such as lot, concession, section, township, range, meridian, 911 address, etc.		
*Site Position Latitude North	*Site Position Longitude West	
Degrees _____ ° Minutes _____ ' Seconds _____ "	Degrees _____ ° Minutes _____ ' Seconds _____ "	



<input type="checkbox"/> Hydro Chart #: _____	<input type="checkbox"/> Topo Map #: _____
Body of water details, such as characteristics, bank/bottom features, biological components, flows/tides, etc.	
Potential Obstructions, such as natural/man-made, other works, navigation aids, etc.	
Land Use/Ownership, such as past/current, private/government, rural/suburban, coastal, environmental, etc.	
4. Body of Water Use Information	
Navigation Types (check all that apply) <input type="checkbox"/> Commercial <input type="checkbox"/> Recreational <input type="checkbox"/> Aboriginal	Max Vessel Size Length _____ Width _____ Draft _____
Traffic Direction (check one) <input type="checkbox"/> One-Way <input type="checkbox"/> Two-Way	Manoeuvrability (check all that apply) <input type="checkbox"/> Poor <input type="checkbox"/> Good <input type="checkbox"/> Excellent
Day/Night (check one) <input type="checkbox"/> Day <input type="checkbox"/> Night <input type="checkbox"/> Both	Volume (check one) <input type="checkbox"/> Low <input type="checkbox"/> Med <input type="checkbox"/> High
Navigation Season(s) (check all that apply) <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer <input type="checkbox"/> Fall	
Other Uses such as cottagers, special events, fishing, etc.	
5. Project Information	
*Type of Work such as bridge, dam, marina, etc.	*Related Activities (check all that apply) <input type="checkbox"/> Construct <input type="checkbox"/> Place <input type="checkbox"/> Alter <input type="checkbox"/> Rebuild <input type="checkbox"/> Repair <input type="checkbox"/> Decommission <input type="checkbox"/> Remove <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary
*Brief Project Description (or attach) such as status, structures, operation, etc.	
*Method of Construction such as temporary works, activities, etc.	
Anticipated Impacts, such as source, severity, mitigation, marking, waste/debris mgmt, use, cumulative, etc.	
*Expected Start Date in yyyy/mm/dd	*Expected Completion Date in yyyy/mm/dd



6. Environmental Review Information	
Is work located on federal lands? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Is project a Designated Project under CEAA 2012 Regs? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Is project subject to Northern EA Regime(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, which review process(es) are required? <input type="checkbox"/> IFA <input type="checkbox"/> MVRMA <input type="checkbox"/> NLCA <input type="checkbox"/> YESSA
Other Federal Organizations Involved <input type="checkbox"/> Canadian Environmental Assessment Agency (CEAA) <input type="checkbox"/> Environment Canada (EC) <input type="checkbox"/> Fisheries and Oceans (DFO) <input type="checkbox"/> Natural Resources Canada (NRCan) <input type="checkbox"/> Major Projects Management Office (MPMO) <input type="checkbox"/> Northern Projects Management Office (NPMO) <input type="checkbox"/> Aboriginal Affairs & Northern Development (AANDC) <input type="checkbox"/> Other: _____	
7. Supporting Documentation Requirements	
Mandatory Information Checklist (incomplete information will be returned with no action) <input type="checkbox"/> Completed and Signed "Notice of Works" form • <i>All mandatory fields completed:</i> <input type="checkbox"/> Body of Water Name <input type="checkbox"/> Owner Contact Information <input type="checkbox"/> Work Site Information <input type="checkbox"/> Project Information <input type="checkbox"/> Map showing location of project * <input type="checkbox"/> Top/Plan Drawing with Dimensions * <input type="checkbox"/> Side/Profile Drawing with Dimensions * * 6 copies if submitting hard copy submission	Recommended Information (may expedite your review) <input type="checkbox"/> Body of Water Details <input type="checkbox"/> Land Use/Ownership Information <input type="checkbox"/> Body of Water Use Information <input type="checkbox"/> Impacts, Obstructions and Mitigation Plans <input type="checkbox"/> Environmental Review & Settings Information <input type="checkbox"/> Operation, Maintenance and Marking Plans <input type="checkbox"/> Photographs of Work Site and Body of Water <input type="checkbox"/> Aboriginal Consultation Results <input type="checkbox"/> Other Government Agencies Contacted <input type="checkbox"/> Water Lot Lease Information <input type="checkbox"/> Opt-in Request Annex (non-scheduled waters only)
8. Owner Authorization and Certification	
I hereby authorize _____, located at _____ to act on my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this application.	
I hereby certify the information contained herein is complete, true and accurate to the best of my knowledge and I am authorized to submit this application.	
*Signature: _____ *Date (yyyy/mm/dd): _____	
For office use only:	Date Stamp:

The personal information provided on this form is protected under the provisions of the *Access to Information Act* and the *Privacy Act*.

^a "Owner", in relation to a work, means the actual or reputed owner of the work or that owner's agent or mandatory. It includes a person who is in possession or claiming ownership of the work and a person who is authorizing or otherwise responsible for the construction, placement, alteration, repair, rebuilding, removal, decommissioning, maintenance, operation, safety or use of the work. It also includes a person who proposes to construct or place a work.

OUTFALLS AND WATER INTAKES

Definitions

11. (1) The following definitions apply in this section.

“crib”

« *encoffrement* »

“crib” means pieces of timber affixed together to form bays or cells that are filled with stones or concrete.

“headpond”

« *bassin d’amont* »

“headpond” means a reservoir of water created by the construction of a dam or weir.

“outfall”

« *émissaire* »

“outfall” does not include a diffuser-type outfall.

“weir”

« *déversoir* »

“weir” means a low dam or barrier that raises the level or diverts the flow of a navigable water.

Class established

(2) Outfalls and water intakes are established as a class of works for the purposes of subsection 5.1(1) of the Act if

- (a) the works do not include a crib or other outfall or intake structure, such as a fish screen, an anchor, a collar or a weight, that extends vertically above the bed of the navigable water more than
 - (i) in the case of a navigable water of less than 15 m in depth when measured from the ordinary high-water mark, 5% of the depth of the water when measured from the ordinary high-water mark, or
 - (ii) in any other case, 1 m;
- (b) the works do not alter the level or flow of the navigable water;
- (c) in the case of a charted navigable water, the works are not within 30 m of a navigation channel; and
- (d) the works are not associated with a dam, weir or headpond, including a proposed dam, weir or headpond.

Temporary works

(3) Temporary works that are required for the construction or placement of works of the class established by subsection (2) are established as a class of works for the purposes of subsection 5.1(1) of the Act unless the temporary works are in, on, over, under, through or across a navigation channel.

During construction or placement

(4) During the construction or placement of works of the class established by subsection (2) or (3), the owner of the works must ensure

- (a) that vessels can navigate safely through or around the work site or, if navigation is interrupted by any activity related to the construction or placement, that suitable means, such as a portage, exist to allow vessels to resume navigation on the other side of the work site; and
- (b) that no floating pipes are left unattended or unsupervised.

Removal of temporary works

(5) The owner of works of the class established by subsection (3) must ensure that they are completely removed on completion of the construction or placement of the works for which they were required.

Restoration of contours

(6) The owner of works of the class established by subsection (2) must, if the contours of the bed of the navigable water were disturbed by either of the following, ensure that the contours are restored to their natural state on completion of the construction or placement of the works:

- (a) the placement or construction of the works or of works of the class established by subsection (3); or
- (b) the removal of works of the class established by subsection (3).

Re-laying piping

(7) Subject to subsection (8), if the piping of works of the class established by subsection (2) no longer lies on the bed of the navigable water, the owner of the works must, as soon as feasible,

- (a) re-lay the piping so that it lies on the bed; or
- (b) remove the works.

Dangers to navigation

(8) The owner must immediately take the action referred to in subsection (7) if the piping becomes a danger to navigation because it no longer lies on the bed of the navigable water.

Jean Louis Gaudet

From: Alex Kolsteren
Sent: August-12-14 10:13 AM
To: Arun Jain
Cc: Jean Louis Gaudet
Subject: FW: Shoreline Impacts - Oakville Water Purification Plant Environmental Assessment - Region of Halton

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Arun,

Email below was sent to Department of Fisheries. I have followed up since, but still have not received any response.

Thanks,

Alex Kolsteren, M.PI.

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From: Alex Kolsteren
Sent: Tuesday, July 29, 2014 9:49 AM
To: 'fisheriesprotection@dfo-mpo.gc.ca'
Subject: Shoreline Impacts - Oakville Water Purification Plant Environmental Assessment - Region of Halton

Hi,

I am working with The Region of Halton on an Municipal Class Environmental Assessment for the Rerating of the Oakville Water Purification Plant and Intake Extension in the Town of Oakville. I am trying to ascertain approval and review requirements for the project as there is the possibility that the project may include work within fish habitats along the shoreline of Lake Ontario. If this could be directed to the appropriate party it would be greatly appreciated.

Thanks,



Alex Kolsteren, M.PI.

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Jean Louis Gaudet

From: Alex Kolsteren
Sent: August-12-14 12:35 PM
To: Arun Jain
Cc: Jean Louis Gaudet
Subject: FW: Municipal Class EA - Rerating of the Oakville Water Purification Plant
Attachments: Application for Work Permit - Part 1.pdf; Application to Do Work on Shorelands Part 3.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Arun,

Additional detailed information from MNR below.

Thanks,

Alex Kolsteren, M.Pl.

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From: Hislop, Chris (MNR) [mailto:Chris.Hislop@ontario.ca]
Sent: Tuesday, August 12, 2014 12:32 PM
To: Alex Kolsteren
Subject: RE: Municipal Class EA - Rerating of the Oakville Water Purification Plant

Hi Alex,

Thanks for your email. If the work on the existing intake pipe is happening within the area covered by the existing Crown Easement or Licence of Occupation a work permit is likely not necessary. Most Crown Easement and Licence of Occupation approvals allow for repairs, maintenance and replacement of intake pipes and any work on the structure would be consistent with that document. It is necessary that you review the land tenure document associated with the intake pipe (either the Crown Easement or Licence of Occupation) to determine if the proposed work is consistent with the terms and conditions in the document. Alternatively, you can provide me with the location of the intake pipe (Lot and Concession/municipal address or tenure document number) and I can review the conditions of the document. If the proposal is to lengthen the pipe beyond the existing waterlot a Public Lands Act (PLA) Work Permit will be required and it will be necessary for the proponent to obtain land tenure in the form of a Crown Easement. Please advise if this is the preferred option.

The work permit form is correct and I have attached "Part 3 – Application to Do Work on Shorelands", there is no fee for PLA Work Permits and the typical review time is 4 to 8 weeks. If a permit is required it will be necessary to provide all construction and staging drawings in addition to any environmental reports in support of the project (these are typically produced in support of the EA process anyways). It is likely that no other MNR approvals are required for this project.

As discussed, it is suggested you contact Halton Conservation, the Department of Fisheries and Oceans and Transport Canada for any approvals that may be required. If the work does require a PLA work permit, a permit will not be issued until clearance/approval is issued by the above noted agencies.

Should you have any additional questions or concerns please let me know.

Regards,

Chris Hislop

Lands and Waters Technical Specialist
Ministry of Natural Resources and Forestry – Aurora District
50 Bloomington Road, Aurora ON L4G 0L8
Tel: (905) 713-7386
Fax: (905) 713-7361
Email: chris.hislop@ontario.ca

From: Alex Kolsteren [<mailto:Alex.Kolsteren@exp.com>]
Sent: August 11, 2014 4:48 PM
To: Hislop, Chris (MNR)
Subject: Municipal Class EA - Rerating of the Oakville Water Purification Plant

**Re: Rerating of the Oakville Water Purification Plant from 109 to 130 MLD and Possible Intake Extension
MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT STUDY**

Hi Chris,

I spoke with you by phone a couple weeks back regarding the above noted EA. It is our understanding that approval for the portion of the project being undertaken within water lots along the shore of Lake Ontario will require a Work Permit under the Public Lands Act from MNR. Can you confirm the following:

- The attached form is the requisite Work Permit application (it is understood that there are additional Parts to the application for Works Within A Waterbody, Works on Shorelands, etc.)
- That there is no fee for the review
- How long the review would take for a project of this scale? (with the understanding that any issues identified during the review may extend the review timeframe)
- Are there any additional approvals required from MNR?

Thanks,



Alex Kolsteren, M.Pl.

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Jean Louis Gaudet

From: Alex Kolsteren
Sent: August-13-14 9:10 AM
To: Arun Jain
Cc: Jean Louis Gaudet
Subject: FW: Municipal Class EA - Rerating of the Oakville Water Purification Plant
Attachments: permit_application_form_2014 (1).pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Response from Conservation Halton

Alex Kolsteren, M.Pl.

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From: Charles Priddle [mailto:cpriddle@hrca.on.ca]
Sent: Wednesday, August 13, 2014 7:53 AM
To: Alex Kolsteren
Subject: FW: Municipal Class EA - Rerating of the Oakville Water Purification Plant

Hi Alex:

That is the appropriate form. I believe this would be \$1840 as it is for a major works government/utility. Current review times are aimed at 4 weeks for each submission; however, generally take longer at this time as a result of staffing numbers at this time.

Regards,

Charles

From: Teresa Labuda
Sent: Tuesday, August 12, 2014 9:57 AM
To: Charles Priddle
Subject: FW: Municipal Class EA - Rerating of the Oakville Water Purification Plant



Teresa Labuda, P.Eng.
Coordinator, Coastal Program & Watershed Capital Projects

Conservation Halton, 2596 Britannia Road West Burlington, ON L7P 0G3
Ph: 905 336 1158, ext.2234 Fax: 905 336 6684
tlabuda@hrca.on.ca www.conservationhalton.ca

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From: Alex Kolsteren [<mailto:Alex.Kolsteren@exp.com>]
Sent: August-12-14 9:53 AM
To: Teresa Labuda
Subject: Re: Municipal Class EA - Rerating of the Oakville Water Purification Plant

Re: Rerating of the Oakville Water Purification Plant from 109 to 130 MLD and Possible Intake Extension
MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT STUDY

Hi Teresa,

I spoke with you by phone a couple weeks back regarding the above noted EA. It is our understanding that approval for the portion of the project being undertaken within water lots along the shore of Lake Ontario will require a Development Permit from Conservation Halton. Can you confirm the following:

- The attached form is the requisite Development Permit application?
- What is the fee for the Permit?
- How long the review and approval would take for a project of this scale? (with the understanding that any issues identified during review may extend the timeframe)
- Are there any additional approvals required from Conservation?

Thanks,



Alex Kolsteren, M.Pl.

Urban Planner

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Conservation
Halton

2596 Britannia Road West
Burlington, ON L7P 0G3
(905) 336-1158

CH File No. _____

Permit No. _____

REGION OF HALTON, CITY OF HAMILTON, REGION OF PEEL & COUNTY OF WELLINGTON

PERMIT APPLICATION FORM UNDER ONTARIO REGULATION 162/06

Please submit three (3) copies of folded plans and supporting information for applications submitted pursuant to Ontario Regulation 162/06. If the agent wishes to receive an approved set of drawings please submit four (4) copies of folded plans.

OWNERSHIP

Owner's Name: _____

Phone: _____

Address: _____

E-mail: _____

City/Town: _____ Postal Code: _____

AGENT

Company Name: _____

Phone: _____

Agent's Name: _____

E-mail: _____

Address: _____

City/Town: _____ Postal Code: _____

LOCATION & DESCRIPTION OF DEVELOPMENT(S)/WORK(S) PROPOSED

Location of Property:

Lot(s): _____ Concession(s): _____ (incl. Twp) Watershed/Shoreline: _____

Municipal Street Address: _____

City/Town: _____ Property Roll No.: _____

The proposed development(s)/work(s) involves the following:

(i) new structure (incl. public infrastructure) (ii) alteration/addition to existing structure

(iii) grading/site alteration

(iv) alter a watercourse by constructing: a pond a crossing a drain or storm outfall
 a dam a channel erosion protection
 a diversion other (please specify): _____

(v) alter Lake Ontario/Burlington Bay shoreline by: a drain or storm outfall shoreline protection
 other (please specify): _____

Description of Proposed Works: _____

Proposed Starting Date: _____ Completion Date: _____

TERMS AND CONDITIONS

1. Permission granted by Conservation Halton cannot be transferred without prior written approval from Conservation Halton.
2. Approvals, permits, etc. may be required from other agencies prior to undertaking the work proposed. Conservation Halton permission does not exempt the applicant from complying with any or all other approvals, laws, statues, ordinances, directive, regulations, etc., that may affect the property or the use of the same.
3. Conservation Halton may, at any time, withdraw any permission given if, in the opinion of Conservation Halton, the representations contained in the application for permission are not carried out or the conditions of the permit are not complied with.

I/We, the undersigned, do solemnly declare that to the best of my/our knowledge and belief all of the above information is true.

I/We acknowledge that authorized representatives of Conservation Halton may, at any time, enter into lands and buildings which are the subject of this Permit application in order to make any surveys, examinations, investigations, inspections or other arrangements which such representatives deem necessary.

I/We acknowledge that this information is collected to administer Ontario Regulation 162/06.

Signature of Owner: _____ Date: _____

Print Name: _____

Signature of Agent: _____ Date: _____

Print Name: _____

Agent to receive approved Drawings – 4 sets are required with submission

Please note that owners signature above authorizes agent to work on their behalf

APPLICATIONS PURSUANT TO ONTARIO REGULATION 162/06

1. An application under Section 3 or 6 of the Regulations shall be made by a person having an interest in the land for which the application is being made.
2. An application under Section 3 or 6 of the Regulations shall be filed with Conservation Halton and such application shall be submitted in the prescribed form attached and shall include such information as required under Sections 4 and 7 of the Regulations.
3. Conservation Halton shall note the date of receipt on all copies of the application.
4. If an application is submitted that satisfies all the policy requirements of Conservation Halton, staff would be in a position to approve the application. If the application does not satisfy policy requirements, staff would then submit the application to the Board of Directors of Conservation Halton for review. The Board of Directors shall take into consideration all information contained in the application and any other such information which they may require concerning such application.
5. The application shall be approved or refused by the Board of Directors, but before refusing permission, the Board of Directors shall hold a hearing to which the applicant or their agent shall be a party.
6. If there is an objection to any of the conditions of approval, a Hearing may be requested before the Conservation Halton Board of Directors, in accordance with Section 28(12) of the Conservation Authorities Act. Written notice of a request for a hearing must be received by staff within 30 days of application approval. In the event that a hearing is requested on this basis, the approval will be withdrawn until such time as the hearing results have been finalized and commencement of any development or site alteration must not occur until a decision has been rendered.

HEARING

7. Conservation Halton shall, by personal service or by regular or registered mail, give written notice of the time, place and purpose of the hearing of the application, together with a brief explanation of the nature of the application, not less than ten (10) days prior to the day of the hearing to:
 - a) the applicant or their designated agent;
 - b) all members of the Board of Directors;
 - c) the Board of Directors may, at its discretion, require representation to the hearing as follows:
 - i. the municipality in which the property is located,
 - ii. the member or the members of Conservation Halton in the municipality in which the property is located,
 - iii. any Federal or Provincial Government Representative,
 - iv. any surveyor or consultant engineer retained by Conservation Halton
8. Where the Notice of Hearing is given to the applicant or their designated agent by regular or registered mail, it shall be sent to the address given in the application.
9. Upon hearing evidence submitted by the applicant or their designated agent, and reviewing any other information submitted in support or rejection for the application, the Board of Directors shall approve or refuse the application, and upon refusal of the application, the Board of Directors shall give written reasons for its refusal to the applicant.
10. An applicant who has been refused permission may, within thirty (30) days of the receipt of the reasons for the decision, appeal to the Minister of Natural Resources who may dismiss the appeal or grant permission.

FOR INTERNAL OFFICE USE ONLY

Pre-Application:

Complete Application: _____
(date application considered complete)

Minor (CALC) <input type="checkbox"/>
Major (CALC) <input type="checkbox"/>

Permit: Letter of Permission: No Objections:

<u>Proposed Work(s)</u>	<u>Category and Type (Code)</u>	<u>Checked By</u>
_____	_____	_____
_____	_____	_____

Related Files: _____

Total Fee: _____ Fee Received: _____ Balance Owning: _____

UTM Coordinates: Northing 4, _____ Easting _____ ARL # _____
(Referenced to NAD 83)

CONSERVATION HALTON
Fee Schedule for Applications Pursuant to Ontario Regulation 162/06
SCHEDULE "A"

<u>Category</u>	<u>Type</u>	<u>Fee</u>
Private Landowner (e.g. single family, single farm)	P(3a) minor development	\$ 395.00
	P(3b) major development	+\$95/hr over 4 hrs \$ 710.00
	P(6a) minor alteration – watercourse/wetland/shoreline	+\$95/hr over 8 hrs \$ 395.00
	P(6b) major alteration – watercourse/wetland/shoreline	+\$95/hr over 4 hrs \$ 710.00
<hr/>		
Commercial, Industrial Single, Unit/Lot	CS(3a) minor development	\$ 1150.00
	CS(3b) major development	+\$95/hr over 12 hrs \$ 1925.00
	CS(6a) minor alteration – watercourse/wetland/shoreline	+\$95/hr over 20 hrs \$ 1150.00
	CS(6b) major alteration – watercourse/wetland/shoreline	+\$95/hr over 12 hrs \$ 1925.00
	CS(6c) major watercourse re-alignment	+\$95/hr over 20 hrs \$4950.00
<hr/>		
Residential, Industrial, Multi-Units/Lots	CM(3a) minor development	\$ 1840.00
	CM(3b) major development	+\$95/hr over 18 hrs \$3685.00
	CM(6a) minor alteration – watercourse/wetland/shoreline	+\$95/hr over 36 hrs \$ 1925.00
	CM(6b) major alteration – watercourse/wetland/shoreline	+\$95/hr over 20 hrs \$ 3685.00
	CM(6c) major watercourse re-alignment	+\$95/hr over 36 hrs \$7835.00
<hr/>		
Government, Utility	G(3a) minor development	\$ 680.00
	G(3b) major development	+\$95/hr over 7 hrs \$ 1840.00
	G(6a) minor alteration – watercourse/wetland/shoreline	+\$95/hr over 20 hrs \$ 680.00
	G(6b) major alteration – watercourse/wetland/shoreline	+\$95/hr over 7 hrs \$ 1840.00
	G(6c) major watercourse re-alignment	+\$95/hr over 20 hrs \$ 4725.00
<hr/>		
Letter of Permission	PL(a) no site visit or technical report required	\$ 200.00
	PL(b) site visit or technical report required	\$ 250.00
<hr/>		
Fish Timing Window Extension	FTW	\$ 400.00
		+\$95/hr over 4 hrs

1. Fees charged are for administration purposes and are non-refundable.
2. Permits will be issued for a maximum of two years.
3. For a one year permit, a renewal fee of \$100.00 will be charged for renewals within one month of the expiry date.
4. Revisions to permit applications will require 50% of base permit application fee.
5. For Restoration Agreements, an administration fee will be charged based on the applicable category fee plus a 50% surcharge.

Minor Development: accessory buildings less than 20 sq.m (e.g. decks, gazebos, sheds) additions less than 50% of floor area where on-title agreement not required; generally involving less than 30 cu. m. of fill and no hydraulic, meander belt or geotechnical analysis review required.

Minor Watercourse Alteration: small works such as pond outlet, maintenance dredging of intermittent watercourse and simple culvert replacement.

Minor Shoreline Development: non-habitable, accessory buildings, less than 20 sq.m. with no utilities (e.g. decks, sheds, gazebos) and swimming pools, where technical studies such as geotechnical or coastal engineering are not required.

Minor Shoreline Alteration: minor repairs/maintenance of the existing shoreline protection works.

CONSERVATION HALTON
Ontario Regulation 162/06

SCHEDULE "B"

<u>Category</u>	<u>Fee</u>
Solicitor, Real Estate, Appraiser Inquiries	\$ 265.00
General Inquiries	\$ 65.00
With Site Visit (staking top of bank or wetland)	\$ 160.00
With Technical Review (Geotechnical Reports etc.)	\$315.00
Fill and Flood Plain Mapping (per sheet)	\$ 15.00



September 4, 2014

Public Works
Water Services
1151 Bronte Road
Oakville, ON L6M 3L1

NAME
ORGANIZATION
ADDRESS
COMMUNITY, ON POSTAL CODE

Dear SALUTATION LAST NAME:

Re: Notice of Study Commencement – Municipal Class Environmental Assessment for the Re-rating of the Oakville Water Purification Plant from 109 to 130 ML/d and Possible Water Intake Extension, Ward 2, Town of Oakville, Our File: PR-2989

Halton Region is initiating an Environmental Assessment (EA) Study that will assess, test and evaluate various Oakville Water Purification Plant components so Halton Region can obtain approval from the Ontario Ministry of the Environment to re-rate the plant production rate from 109 mega liters per day (ML/d) to 130 ML/d.

I know that during the most recent construction to expand the Oakville Water Purification Plant, there were some disruptions to the community and I want to thank you again for your patience during that construction. This Study will not involve any construction at the Plant, but it will help address issues faced by the plant resulting from occasional high turbidity, as a result of sediment, at the water intake pipe in the lake.

The study will be carried out in accordance with Schedule “B” of the Municipal Class Environmental Assessment (October 2000, as amended 2007 and 2011), which is approved under the *Ontario Environmental Assessment Act*.

A copy of the Notice of Study Commencement is attached for your information.

If you wish to be added to the project mailing list or if you have any questions or comments about the study, please contact:

Marek Braczek, MMI, P. Eng.
Project Manager
Region of Halton
1151 Bronte Road
Oakville, ON L6M 3L1
Phone: (905) 825-6000 x 7128
E-mail: Marek.Braczek@halton.ca

Arun P. Jain, M. Eng., P. Eng.
Manager - Linear Infrastructure and Class EA Lead
exp Services Inc.
1595 Clark Boulevard
Brampton, ON L6T 4V1
Phone: (905) 793-9800 x 2373
E-mail: arun.jain@exp.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the publicly available record files for this matter.

The Regional Municipality of Halton



Sincerely,

A handwritten signature in black ink, appearing to read "Marek Braczek", with a long horizontal flourish extending to the right.

Marek Braczek, MMI, P. Eng.,
Project Manager
Water Design & Construction

cc: Gary Carr, Halton Regional Chair
Robert Burton, Mayor, Town of Oakville
Tom Adams, Chair of the Planning & Public Works Committee
Cathy Duddeck, Regional Councillor, Ward 2, Town of Oakville
Pam Damoff, Town Councillor, Ward 2, Town of Oakville
Jane MacCaskill, CAO, Halton Region
Jim Hamum, C.E.T., MBA, Commissioner, Public Works, Halton Region
Kiyoshi Oka, P.Eng., Director, Water Services, Halton Region
Nitti Subramaniam, P.Eng., Manager, Water Design & Construction, Halton Region
Dan Cozzi, Director of Engineering & Construction, Town of Oakville
Access Halton

NOTICE OF STUDY COMMENCEMENT

Rerating of the Oakville Water Purification Plant from 109 to 130 ML/d and Possible Intake Extension Town of Oakville

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT STUDY

Background

In 2011, Halton Region completed the Sustainable Halton Water and Wastewater Master Plan (WWMP). The WWMP recommended that the existing capacity of the Oakville Water Purification Plant (WPP), located at 21 Kerr Street, be increased from 109 million litres per day (ML/d) to 130 ML/d to ensure that the growing demand for drinking water within the Region can be met.

The Region is seeking to achieve this capacity increase with minimal impact to the local community by avoiding large scale process changes and optimizing the plant within its existing footprint.

Problem Statement

In order to meet the growing demand for drinking water in Halton Region, the Region is initiating an Environmental Assessment (EA) Study that will assess, test and evaluate various plant components so Halton Region can obtain approval from the Ontario Ministry of the Environment to rerate the Oakville WPP to 130 ML/d. The study will not involve any construction at the Plant.

The study will also address issues faced by the WPP from occasional high turbidity (i.e. sediment) in the facility's water intake. After periods of heavy rainfall, the Oakville WPP experiences elevated levels of turbidity in the raw water it draws from Lake Ontario related to high volumes of sediment discharged into Lake Ontario through the mouth of Sixteen Mile Creek after rain events. At times, this results in the Oakville WPP being shut down temporarily representing a risk to the Region's long-term security of water supply.

The Process

The study is being conducted in accordance with Schedule B of the Municipal Class Environmental Assessment process (October 2000, amended 2007 and 2011), which is approved under the Ontario Environmental Assessment Act. In addition to obtaining approval for rerating of the plant; the study will also evaluate the problem of sediments coming from Sixteen Mile Creek and consider plant-based or intake modification-based



solutions to address the problem. The study will determine if future construction is required to modify processes inside the Plant or the intake pipe out in the lake.

Public Information Centres

Consultation with the public and review agencies is a key element of the Class EA process, and input will be sought throughout the study using various means including notices and Public Information Centres (PICs). Details regarding upcoming Public Information Centres will be advertised as the study progresses.

Contact Us

Please contact any of the following project team members if you wish to be added to the project mailing list or if you have any questions, comments about the study.

Marek Braczek, MMI, P. Eng.
Project Manager
Halton Region
1151 Bronte Road
Oakville, ON L6M 3L1
Tel: 905-825-6000 ext. 7128
Email: marek.braczek@halton.ca

Arun P. Jain, M.Eng., P.Eng.
Manager, Linear Infrastructure
and Class EA Lead
exp Services Inc.
1595 Clark Blvd.
Brampton, ON L6T 4V1
Tel: 905-793-9800 ext. 2373
Email: arun.jain@exp.com

This notice first issued on September 4, 2014

040914

Jean Louis Gaudet

From: Allan,Sheila [Burlington] <Sheila.Allan@ec.gc.ca>
Sent: September-04-14 4:19 PM
To: Jean Louis Gaudet
Subject: RE: Halton Region - Oakville Water Plant - Environmental Assessment Notice of Commencement

Hi Jean Louis,

Please remove my contact information from your list and replace it with the following:

Rob Dobos,
Manager, Environmental Assessment Section
Environmental Protection Operations
Environment Canada
Rob.Dobos@ec.gc.ca
Ph: 905 336-4953

Thanks,

Sheila

From: Jean Louis Gaudet [mailto:jeanlouis.gaudet@exp.com]
Sent: September 4, 2014 4:16 PM
To: Allan,Sheila [Burlington]
Subject: Halton Region - Oakville Water Plant - Environmental Assessment Notice of Commencement

On behalf of the Region of Halton, please find attached the Notice of Commencement for the Region's Municipal Class Environmental Assessment for the Rerating of the Oakville Water Purification Plant from 109 to 130 ML/d and Possible Water Intake Extension, Ward 2, Town of Oakville.

Regards,

Jean-Louis



Jean-Louis Gaudet

Project Coordinator
t: +1.905.793.9809 x 2344 | e: jeanlouis.gaudet@exp.com
1595 Clark Blvd.
Brampton, ON L6T 4V1

CANADA

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Jean Louis Gaudet

From: Janis Harrington <janis.harrington@oakville.ca>
Sent: September-09-14 3:24 PM
To: Jean Louis Gaudet
Cc: Andy Glynn
Subject: FW: Halton Region - Oakville Water Plant - Environmental Assessment Notice of Commencement
Attachments: Halton Water Plant EA_notice.pdf; Halton OWPP Cleas EA_NComm ltr 1-31.pdf

Good afternoon Jean-Louis,

Could you please remove my name and address any further notifications to Andy Glynn, Deputy Fire Chief / Community Emergency Management Co-coordinator for the Oakville Fire Department.

Thanks in advance,
Jan

Janis Harrington
Administrative Assistant Fire Management
Oakville Fire Department
Town of Oakville | 905-815-5956, | f: 905-338-4403 | www.oakville.ca

Vision: To be the most livable town in Canada
Please consider the environment before printing this email.
<http://www.oakville.ca/privacy.html>

From: Jean Louis Gaudet [mailto:jeanlouis.gaudet@exp.com]
Sent: Thursday, September 04, 2014 4:34 PM
To: Janis Harrington
Subject: Halton Region - Oakville Water Plant - Environmental Assessment Notice of Commencement

On behalf of the Region of Halton, please find attached the Notice of Commencement for the Region's Municipal Class Environmental Assessment for the Rerating of the Oakville Water Purification Plant from 109 to 130 ML/d and Possible Water Intake Extension, Ward 2, Town of Oakville.

Regards,

Jean-Louis



Jean-Louis Gaudet

Project Coordinator

t: +1.905.793.9809 x 2344 | e: jeanlouis.gaudet@exp.com

1595 Clark Blvd.

Brampton, ON L6T 4V1

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Jean Louis Gaudet

From: Burkart, Jackie (MNR) <Jackie.Burkart@ontario.ca>
Sent: September-16-14 10:49 AM
To: Jean Louis Gaudet
Cc: ESA Aurora (MNR); Hislop, Chris (MNR)
Subject: RE: Halton Region - Oakville Water Plant - Environmental Assessment Notice of Commencement
Attachments: Halton Water Plant EA_notice.pdf; Halton OWPP Cleas EA_NComm ltr 1-13.pdf

Good morning Jean-Louis,

MNRF Aurora District has received your notice of commencement for the subject Class EA. Please be advised that we have no immediate concerns with this EA; however we advise that Sixteen Mile Creek does support aquatic species at risk (SAR). Should any SAR have the potential to be impacted through this EA, MNRF may at some point need to be brought into this process. Please note that the *Public lands Act* may be triggered for any works on, or immediately adjacent to crown land (bed of Lake Ontario).

MNR requests that they be kept apprised of the EA as it progresses.

Sincerely,

Jackie Burkart

District Planner

Ministry of Natural Resources | 50 Bloomington Road, Aurora, ON L4G 0L8 | Phone: 905-713-7368 | Fax: 905-713-7360 | Email: jackie.burkart@ontario.ca |

From: Strong, Steven (MNR)
Sent: September 5, 2014 8:33 AM
To: Burkart, Jackie (MNR)
Subject: FW: Halton Region - Oakville Water Plant - Environmental Assessment Notice of Commencement

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]
Sent: September-04-14 4:24 PM
To: Strong, Steven (MNR)
Subject: Halton Region - Oakville Water Plant - Environmental Assessment Notice of Commencement

On behalf of the Region of Halton, please find attached the Notice of Commencement for the Region's Municipal Class Environmental Assessment for the Rerating of the Oakville Water Purification Plant from 109 to 130 ML/d and Possible Water Intake Extension, Ward 2, Town of Oakville.

Regards,

Jean-Louis



Jean-Louis Gaudet

Project Coordinator

t: +1.905.793.9809 x 2344 | e: jeanlouis.gaudet@exp.com

1595 Clark Blvd.

Brampton, ON L6T 4V1

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Jean Louis Gaudet

From: Graham, Amanda (ENE) <Amanda.Graham@ontario.ca>
Sent: September-17-14 3:46 PM
To: Jean Louis Gaudet
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hello,

Thank you for providing the ministry with the opportunity to attend the Stakeholder Advisory Committee meetings for the Oakville Water Purification Plant (WPP) Class EA. While we wish to be kept informed of any progress made, we will not be attending the SAC meetings.

Thank you very much,

Amanda Graham
Environmental Resource Planner and
Environmental Assessment Coordinator
Central Region, Technical Support
Ministry of the Environment and Climate Change
Tel: 416-326-5745

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]
Sent: September-16-14 9:33 AM
To: Dufresne, Tina (ENE)
Cc: Arun Jain
Subject: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Good morning Ms. Dufresene,

Attached is an invitation to a Stakeholder Advisory Committee (SAC) for the Halton Region Class Environmental Assessment for rerating of the Oakville Water Purification Plant (WPP) from 109 to 130 ML/d and possible water intake extension. The invitation package includes the SAC terms of reference for your consideration. A hard copy is following by mail.

A member of the study project team member will be contacting you shortly to confirm your receipt of the letter and to confirm your participation.

Regards,

Jean-Louis Gaudet



Jean-Louis Gaudet

Project Coordinator

t: +1.905.793.9809 x 2344 | e: jeanlouis.gaudet@exp.com

1595 Clark Blvd.

Brampton, ON L6T 4V1

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Jean Louis Gaudet

From: Arun Jain
Sent: September-22-14 10:19 AM
To: Jean Louis Gaudet
Subject: FW: Oakville Water Purification Plant Notice of Commencement
Attachments: TSS NOC Comments_Oakville Water Purification Plant.pdf

FYI



Arun P. Jain, P.Eng., M.Eng.

Practice Lead - Linear Infrastructure, Central Ontario
exp Services Inc.
t: +1.905.793.9800 x2373 | m: +1.647.248.9104 | e: arun.jain@exp.com
1595 Clark Blvd.
Brampton, ON L6T 4V1
CANADA

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From: Graham, Amanda (ENE) [<mailto:Amanda.Graham@ontario.ca>]
Sent: Monday, September 22, 2014 9:14 AM
To: marek.braczek@halton.ca
Cc: Arun Jain
Subject: Oakville Water Purification Plant Notice of Commencement

Hello,

The ministry has received the Notice of Commencement for the Rerating of the Oakville Water Purification Plant from 109 to 130 ML/day and Possible Intake Extension Class Environmental Assessment. The attached comments are provided for your consideration.

Please feel free to contact me with any questions or concerns.

Thanks,

Amanda Graham

Environmental Resource Planner and
Environmental Assessment Coordinator
Central Region, Technical Support
Ministry of the Environment and Climate Change
Tel: 416-326-5745

September 22, 2014

File No.: EA01-06-02

Marek Braczek, MMI, P. Eng.
Project Manager
Halton Region
1151 Bronte Road
Oakville, ON L6M 3L1

RE: Rerating of the Oakville Water Purification Plant from 109 to 130 ML/d and Possible Intake Extension
Town of Oakville
Class Environmental Assessment, Schedule B
Response to Notice of Commencement

Dear Mr. Braczek,

This letter is our response to the Notice of Study Commencement for the above noted project. This response acknowledges that the Town of Oakville has indicated that its study is following the approved environmental planning process for a Schedule B Class EA project under the Municipal Engineers Association Municipal Class Environmental Assessment (Class EA).

Based on the information submitted, we have identified the following areas of interest with respect to the proposed undertaking:

- Ecosystem Protection and Restoration
- Surface Water
- Groundwater
- Air Quality, Dust and Noise
- Servicing and Facilities
- Contaminated Soils
- Mitigation and Monitoring
- Planning and Policy
- Class EA Process
- Aboriginal Consultation

We are providing the following general comments to assist your team in effectively addressing these areas of interest:

Ecosystem Protection and Restoration

- Any impacts to ecosystem form and function must be avoided where possible. The Project File should describe any proposed mitigation measures and how project planning will protect and enhance the local ecosystem.
- All natural heritage features should be identified and described in detail to assess potential impacts and to develop appropriate mitigation measures. Our records confirm that the following sensitive environmental features are located within or adjacent to the study area:

- Rare Species of flora or fauna
- Watercourses
- Wetlands
- Woodlots

We recommend consulting with the Ministry of Natural Resources (MNR), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional study will be necessary to preserve and protect these sensitive features.

Surface Water

- The Project File must include a sufficient level of information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g. spills, erosion, pollution) are mitigated as part of the proposed undertaking.
- Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's *Stormwater Management Planning and Design Manual (2003)* should be referenced in the Project File and utilized when designing stormwater control methods. We recommend that a Stormwater Management Plan should be prepared as part of the Class EA process that includes:
 - Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained
 - Watershed information, drainage conditions, and other relevant background information
 - Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works
 - Information on maintenance and monitoring commitments.

Groundwater

- The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the Project File.
- If the potential construction or decommissioning of water wells is identified as an issue, the Project File should refer to Ontario Regulation 903, Wells, under the *Ontario Water Resources Act*.
- Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.
- Any potential approval requirements for groundwater taking or discharge should be identified

in the Project File. In particular, a Permit to Take Water (PTTW) under the *Ontario Water Resources Act* will be required for any water takings that exceed 50,000 litres per day.

Air Quality, Dust and Noise

- Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.
- The Project File should consider the potential impacts of increased noise levels during the operation of the undertaking. The proponent should explore all potential measures to mitigate significant noise impacts during the assessment of alternatives.

Servicing and Facilities

- Any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste must have an Environmental Compliance Approval (ECA) before it can operate lawfully. Please consult with the Environmental Approvals Branch to determine whether a new or amended ECA will be required for any proposed infrastructure.
- We recommend referring to the ministry's "D-Series" guidelines – *Land Use Compatibility* to ensure that any potential land use conflicts are considered when planning for any infrastructure or facilities related to wastewater, pipelines, landfills or industrial uses.

Contaminated Soils

- Since the removal or movement of soils may be required, appropriate tests to determine contaminant levels from previous land uses or dumping should be undertaken. If the soils are contaminated, you 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*, which details the new requirements related to site assessment and clean up. We recommend contacting the ministry's Halton Peel District Office in Burlington for further consultation if contaminated sites are present.
- The location of any underground storage tanks should be investigated in the Project File. Measures should be identified to ensure the integrity of these tanks and to ensure an appropriate response in the event of a spill. The ministry's Spills Action Centre must be contacted in such an event.
- Any current or historical waste disposal sites should be identified in the Project File. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the *Environmental Protection Act* may be required for land uses on former disposal sites.
- The Project File should identify any underground transmission lines in the study area. The owners should be consulted to avoid impacts to this infrastructure, including potential spills.

Mitigation and Monitoring

- Design and construction reports and plans should be based on a best management approach that centres on the prevention of impacts, protection of the existing environment,

and opportunities for rehabilitation and enhancement of any impacted areas.

- All waste generated during construction must be disposed of in accordance with ministry requirements.
- Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the Project File and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly. The proponent's construction and post-construction monitoring plans should be documented in the Project File.

Planning and Policy

- Parts of the study area are subject to the *Growth Plan for the Greater Golden Horseshoe*. The Project File should demonstrate how the proposed study adheres to the relevant policies in these plans.
- The Provincial Policy Statement contains policies that protect Ontario's natural heritage and water resources, including designated vulnerable areas mapped in source water protection assessment reports under the *Clean Water Act*. Applicable policies should be referenced in the Project File, and the proponent should demonstrate how this proposed project is consistent with these policies. Assessment reports can be found on the Conservation Ontario website at: http://www.conservation-ontario.on.ca/source_protection/otherswpreionsindex.htm.

Class EA Process

- The Project File should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making. The Project File must also demonstrate how the consultation provisions of the Class EA have been fulfilled, including documentation of all public consultation efforts undertaken during the planning process. Additionally, the Project File should identify all concerns that were raised and how they have been addressed throughout the planning process. The Class EA also directs proponents to include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments.
- The Class EA requires the consideration of the effects of each alternative on all aspects of the environment. The Project File should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments) such that all potential impacts can be identified and appropriate mitigation measures can be developed. Any supporting studies conducted during the Class EA process should be referenced and included as part of the Project File.
- Please include in the Project File a list of all subsequent permits or other approvals that may be required for the implementation of the preferred alternative, including Permits to Take Water, Environmental Compliance Approvals, approval under the *Canadian Environmental Assessment Act* (CEAA), and conservation authority permits.
- Please note that ministry guidelines and other information related to the issues noted above are available at <http://www.ontario.ca/environment-and-energy/environment-and-energy> under the publications link. We encourage you to review all the available guides and to

reference any relevant information in the Project File.

Aboriginal Consultation

- Your proposed project may have the potential to affect Aboriginal communities who hold or claim Aboriginal or treaty rights protected under Section 35 of Canada's Constitution Act 1982. The Crown has a duty to consult First Nation and Métis communities when it knows about established or credibly asserted Aboriginal or treaty rights, and contemplates decisions or actions that may adversely affect them.
- Although the Crown remains responsible for ensuring the adequacy of consultation with potentially affected Aboriginal communities, it may delegate procedural aspects of the consultation process to project proponents.
- The environmental assessment process requires proponents to consult with interested persons and government agencies, including those potentially affected by the proposed project. This includes a responsibility to conduct adequate consultation with First Nation and Métis communities.
- The ministry relies on consultation conducted by proponents when it assesses the Crown's obligations and directs proponents during the regulatory process.
- Where the Crown's duty to consult is triggered in relation to your proposed project, the Ontario Ministry of the Environment and Climate Change is delegating the procedural aspects of rights-based consultation to you through this letter.
- Steps that you may need to take in relation to Aboriginal consultation for your proposed project are outlined in the attached "Aboriginal Consultation Information" document. Please complete the checklist contained there, and keep related notes as part of your consultation record. Doing so will help you assess your project's potential adverse effects on Aboriginal or treaty rights.
- You must contact the Director, Environmental Approvals Branch if you have reason to believe that your proposed project may adversely affect an Aboriginal or treaty right, consultation has reached an impasse, or if a Part II Order request has been submitted. The ministry will then assess the extent of any Crown duty to consult in the circumstances, and will consider whether additional steps should be taken and what role you will be asked to play in them.

Thank you for the opportunity to comment on this project. A draft copy of the Project File should be sent to this office prior to the filing of the final draft, allowing approximately 30 days review time for the ministry's reviewers to provide comments. Please also forward our office the Notice of Completion and Project File when completed. Should your team have any questions regarding the above, please contact me at 416-326-5745.

Yours sincerely,

Amanda Geham

Environmental Resource Planner and EA Coordinator
Air, Pesticides and Environmental Planning

- c. T. Dufresne, Manager, Halton Peel District Office, MOECC
Central Region EA File
A & P File

ABORIGINAL CONSULTATION INFORMATION

Consultation with Interested Persons under the Ontario Environmental Assessment Act

Proponents subject to the Ontario *Environmental Assessment Act* are required to consult with interested persons, which may include First Nations and Métis communities. In some cases, special efforts may be required to ensure that Aboriginal communities are made aware of the project and are afforded opportunities to provide comments. Direction about how to consult with interested persons/communities is provided in the Code of Practice: Consultation in Ontario's Environmental Assessment Process available on the Ministry's website:

<http://www.ontario.ca/environment-and-energy/consultation-ontarios-environmental-assessment-process>

As an early part of the consultation process, proponents are required to contact the Ontario Ministry of Aboriginal Affairs' Consultation Unit and visit Aboriginal Affairs and Northern Development Canada's Aboriginal and Treaty Rights Information System (ATRIS) to help identify which First Nation and Métis communities may be interested in or potentially impacted by their proposed projects.

ATRIS can be accessed through the Aboriginal Affairs and Northern Development Canada website:

http://sidait-atris.aadnc-aandc.gc.ca/atris_online/

For more information in regard Aboriginal consultation as part of the Environmental Assessment process, refer to the Ministry's website:

www.ontario.ca/government/environment-assessments-consulting-aboriginal-communities

You are advised to provide notification directly to all of the First Nation and Métis communities who may be interested in the project. You should contact First Nation communities through their Chief and Band Council, and Metis communities through their elected leadership.

Rights-based consultation with First Nation and Métis Communities

Proponents should note that, in addition to requiring interest-based consultation as described above, certain projects may have the potential to adversely affect the ability of First Nation or Métis communities to exercise their established or credibly asserted Aboriginal or treaty rights. In such cases, Ontario may have a duty to consult those Aboriginal communities.

Activities which may restrict or reduce access to unoccupied Crown lands, or which could result in a potential adverse impact to land or water resources in which harvesting rights are exercised, may have the potential to impact Aboriginal or treaty rights. For assistance in determining whether your proposed project could affect these rights, please refer to the attached "Preliminary Assessment Checklist: First Nation and Métis Community Interest."

If there is likely to be an adverse impact to Aboriginal or treaty rights, accommodation may be required to avoid or minimize the adverse impacts. Accommodation is an outcome of consultation and includes any mechanism used to avoid or minimize adverse impacts to Aboriginal or treaty rights and traditional uses. Solutions could include mitigation such as adjustments in the timing or geographic location of the proposed activity. Accommodation may in

certain circumstances involve the provision of financial compensation, but does not necessarily require it.

For more information about the duty to consult, please see the Ministry's website at:

www.ontario.ca/government/duty-consult-aboriginal-peoples-ontario

The proponent must contact the Director, Environmental Approvals Branch if a project may adversely affect an Aboriginal or treaty right, consultation has reached an impasse, or if a Part II Order or an elevation request is anticipated; the Ministry will then determine whether the Crown has a duty to consult.

The Director of the Environmental Approvals Branch can be notified either by email with the subject line "Potential Duty to Consult" to EAASIBgen@ontario.ca or by mail or fax at the address provided below:

Email:	EAASIBgen@ontario.ca Subject: Potential Duty to Consult
Fax:	416-314-8452
Address:	Environmental Approvals Branch 12A Flr 2 St Clair Ave W Toronto ON M4V1L5

Delegation of Procedural Aspects of Consultation

Proponents have an important and direct role in the consultation process, including a responsibility to conduct adequate consultation with First Nation and Métis communities as part of the environmental assessment process. This is laid out in existing environmental assessment codes of practice and guides that can be accessed from the Ministry's environmental assessment website at

www.ontario.ca/environmentalassessments

The Ministry relies on consultation conducted by proponents when it assesses the Crown's obligations and directs proponents during the regulatory process. Where the Crown's duty to consult is triggered, various additional procedural steps may also be asked of proponents as part of their delegated duty to consult responsibilities. In some situations, the Crown may also become involved in consultation activities.

Ontario will have an oversight role as the consultation process unfolds but will be relying on the steps undertaken and information you obtain to ensure adequate consultation has taken place. To ensure that First Nation and Métis communities have the ability to assess a project's potential to adversely affect their Aboriginal or treaty rights, Ontario requires proponents to undertake certain procedural aspects of consultation.

The proponent's responsibilities for procedural aspects of consultation include:

- Providing notice to the elected leadership of the First Nation and/or Métis communities (e.g., First Nation Chief) as early as possible regarding the project;
- Providing First Nation and/or Métis communities with information about the proposed project including anticipated impacts, information on timelines and your environmental assessment process;

- Following up with First Nation and/or Métis communities to ensure they received project information and that they are aware of the opportunity to express comments and concerns about the project. If you are unable to make the appropriate contacts (e.g. are unable to contact the Chief) please contact the Environmental Assessment and Planning Coordinator at the Ministry's appropriate regional office for further direction.
- Providing First Nation and/or Métis communities with opportunities to meet with appropriate proponent representatives to discuss the project;
- Gathering information about how the project may adversely impact the relevant Aboriginal and/or Treaty rights (for example, hunting, fishing) or sites of cultural significance (for example, burial grounds, archaeological sites);
- Considering the comments and concerns provided by First Nation and/or Métis communities and providing responses;
- Where appropriate, discussing potential mitigation strategies with First Nation and/or Métis communities;
- Bearing the reasonable costs associated with these procedural aspects of consultation, which may include providing support to help build communities' capacity to participate in consultation about the proposed project.
- Maintaining a Consultation Record to show evidence that you, the proponent, completed all the steps itemized above or at a minimum made meaningful attempts to do so.
- Upon request, providing copies of the Consultation Record to the Ministry. The Consultation Record should:
 - summarize the nature of any comments and questions received from First Nation and/or Métis communities
 - describe your response to those comments and how their concerns were considered
 - include a communications log indicating the dates and times of all communications; and
 - document activities in relation to consultation.

Successful consultation depends, in part, on early engagement by proponents with First Nation and Métis communities. Information shared with communities must be clear, accurate and complete, and in plain language where possible. The consultation process must maintain sufficient flexibility to respond to new information, and we trust you will make all reasonable efforts to build positive relationships with all First Nation and Métis communities contacted. If you need more specific guidance on Aboriginal consultation steps in relation to your proposed project, or if you feel consultation has reached an impasse, please contact the Environmental Assessment and Planning Coordinator at the Ministry's appropriate regional office.

Preliminary Assessment Checklist: First Nation and Métis Community Interests and Rights

In addition to other interests, some main concerns of First Nation and Métis communities may pertain to established or asserted rights to hunt, gather, trap, and fish – these activities generally occur on Crown land or water bodies. As such, projects related to Crown land or water bodies, or changes to how lands and water are accessed, may be of concern to Aboriginal communities.

Please answer the following questions and keep related notes as part of your consultation record. “Yes” responses will indicate a potential adverse impact on Aboriginal or treaty rights.

Where you have identified that your project may trigger rights-based consultation through the

following questions, you should arrange for a meeting between you and the Environmental Assessment and Planning Coordinator at the Ministry's appropriate regional office to provide an early opportunity to confirm whether Ontario's duty to consult is triggered and to discuss roles and responsibilities in that event.

	YES	NO
<p>1. Are you aware of concerns from First Nation and Métis communities about your project or a similar project in the area?</p> <p>The types of concerns can range from interested inquiries to environmental complaints, and even to land use concerns. You should consider whether the interest represents on-going, acute and/or widespread concern.</p>		
<p>2. Is your project occurring on Crown land, or is it close to a water body? Might it change access to either?</p>		
<p>3. Is the project located in an open or forested area where hunting or trapping could take place?</p>		
<p>4. Does the project involve the clearing of forested land?</p>		
<p>5. Is the project located away from developed, urban areas?</p>		
<p>6. Is your project close to, or adjacent to, an existing reserve?</p> <p>Projects in areas near reserves may be of interest to the First Nation and Métis communities living there.</p>		
<p>7. Will the project affect First Nations and/or Métis ability to access areas of significance to them?</p>		
<p>8. Is the area subject to a land claim?</p> <p>Information about land claims filed in Ontario is available from the Ministry of Aboriginal Affairs; information about land claims filed with the federal government is available from Aboriginal Affairs and Northern Development Canada.</p>		
<p>9. Does the project have the potential to impact any archaeological sites?</p>		

Jean Louis Gaudet

From: Arun Jain
Sent: September-23-14 10:48 AM
To: Jean Louis Gaudet
Subject: Fwd: MCEA for Re-Rating of Oakville Water Purification Plant

Begin forwarded message:

From: "Burkart, Jackie (MNR)" <Jackie.Burkart@ontario.ca>
Date: September 23, 2014 at 10:26:37 AM EDT
To: "marek.braczek@halton.ca" <marek.braczek@halton.ca>
Cc: "arun.jain@exp.com" <arun.jain@exp.com>
Subject: MCEA for Re-Rating of Oakville Water Purification Plant

Good morning Marek,

Please note that I am the MNRF contact for the subject MCEA (basically for all EAs). Please note that electronic submissions are preferred. It saves both time AND paper.

Thanks,

Jackie

Jackie Burkart

District Planner

Ministry of Natural Resources | 50 Bloomington Road, Aurora, ON L4G 0L8 | Phone: 905-713-7368 | Fax: 905-713-7360 |

Email: jackie.burkart@ontario.ca |

Jean Louis Gaudet

From: Arun Jain
Sent: October-08-14 2:00 PM
To: Jean Louis Gaudet
Subject: FW: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension



Arun P. Jain, P.Eng., M.Eng.
Practice Lead - Linear Infrastructure, Central Ontario
exp Services Inc.
t: +1.905.793.9800 x2373 | m: +1.647.248.9104 | e: arun.jain@exp.com
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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 1:58 PM
To: Arun Jain
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Try Marc Desjardins. His name was given to me but his telephone # looks like he's in the eastern part of the province.

From: Arun Jain [<mailto:Arun.Jain@exp.com>]
Sent: October 8, 2014 1:49 PM
To: Burkart, Jackie (MNR)
Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jackie,

Thanks!

Would you have the name for LOMU contact as well ?

Jean Louis, our consultation expert will be in touch with all concerned.

Regards,

Arun



Arun P. Jain, P.Eng., M.Eng.

Practice Lead - Linear Infrastructure, Central Ontario

exp Services Inc.

t: +1.905.793.9800 x2373 | m: +1.647.248.9104 | e: arun.jain@exp.com

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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]

Sent: Wednesday, October 08, 2014 1:45 PM

To: Arun Jain

Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet

Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Yes. Please contact Chris Hislop (lands) and the Lake Ontario Management Unit (LOMU). The LOMU is familiar with spawning and nursery locations along the shoreline. Their input will be required. Please contact them directly. Chris has been copied on this email.

Jackie

From: Arun Jain [<mailto:Arun.Jain@exp.com>]

Sent: October 8, 2014 1:34 PM

To: Burkart, Jackie (MNR)

Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet

Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jackie,

Would you then recommend that we include someone else from MNR?

Also, would you like us to contact them directly or should we wait for further direction from you.

Regards,



Arun P. Jain, P.Eng., M.Eng.

Practice Lead - Linear Infrastructure, Central Ontario

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t: +1.905.793.9800 x2373 | m: +1.647.248.9104 | e: arun.jain@exp.com
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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 1:22 PM
To: Arun Jain
Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR)
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Arun,

Yes - a pipe extension will likely involve our lands folk. I want to make sure we engage the appropriate staff, if and where required.

Jackie

From: Arun Jain [<mailto:Arun.Jain@exp.com>]
Sent: October 8, 2014 12:58 PM
To: Burkart, Jackie (MNR); Jean Louis Gaudet
Cc: Berube, Margaret (MNR)
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

Just to add to what Jean Louis said, we do have the alternative solution of putting a pipe in the lake and it will be evaluated as part of current Schedule B EA. We therefore feel that your involvement will be important.

In terms of high level detail, the alternative solution will involve a pipe likely 1 metre or larger in diameter and could extend from shore to 2-3 km in to lake depending on the extent of sediment plume. The Mike 3 modelling is currently underway to delineate extent of the plume which will define how far the pipe need to go in to lake to avoid sediments.

Regards,

Arun



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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 11:02 AM
To: Jean Louis Gaudet
Cc: Berube, Margaret (MNR); Arun Jain
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

OK – that is sort of what I thought. At this point MNRF need not be involved. IF it becomes a Schedule C we may get involved at that point.

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]
Sent: October 8, 2014 11:00 AM
To: Burkart, Jackie (MNR)
Cc: Berube, Margaret (MNR); Arun Jain
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

There will not be any new land construction/buildings with this Class EA. The re-rating portion of this EA will be to review and test plant modifications to verify the capacity increase from 109 to 130 ML/d.

The EA will also address the issue of occasional high turbidity at the raw intake and look at various alternative solutions, including either a plant-based process fix and/or modifications to the existing intake, such as an extension. If the preferred alternative is to modify the existing intake, then the Class EA would be upgraded to a Schedule C. But at this stage, we do not know what the preferred alternative will be.

I hope this clarifies.

Regards,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator
t: +1.905.793.9809 x2344 | e: jeanlouis.gaudet@exp.com
1595 Clark Boulevard
Brampton, ON L6T 4V1
Canada

From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 10:50 AM
To: Jean Louis Gaudet
Cc: Berube, Margaret (MNR)
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jean-Louis,

It may be a little early for you to know this but... do you anticipate any land construction with this EA – i.e., new buildings? Do you anticipate any new pipes going out into the Lake? Depending upon the anticipated nature of the proposed works, the involvement of MNRF may be very limited.

Jackie Burkart

District Planner

Ministry of Natural Resources | 50 Bloomington Road, Aurora, ON L4G 0L8 | Phone: 905-713-7368 | Fax: 905-713-7360 | Email: jackie.burkart@ontario.ca |

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]**Sent:** October 8, 2014 10:36 AM**To:** Burkart, Jackie (MNR)**Subject:** FW: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

On Sept. 16, we had sent Steven Strong an invitation for MNRF to participate on a Stakeholder Advisory Committee (SAC) for the Halton Region Class EA for the Oakville Water Purification Plant (WPP) rerating (see attached).

We wanted to follow-up with you to see if he had forwarded the invitation to you (as the MNRF contact for this project) and to confirm whether you or another designate from MNRF would be participating on the SAC.

We anticipate that the first meeting would be mid-November.

Can you please advise whether MNRF will be participating? Please feel free to call me if you have any questions - 905.793.9809 x2344.

Regards,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator

t: +1.905.793.9809 x2344 | e: jeanlouis.gaudet@exp.com

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From: Jean Louis Gaudet**Sent:** Tuesday, September 16, 2014 9:35 AM**To:** Steven.strong@ontario.ca**Cc:** 'Arun Jain' (Arun.Jain@exp.com)**Subject:** SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Good morning Mr. Strong,

Attached is an invitation to a Stakeholder Advisory Committee (SAC) for the Halton Region Class Environmental Assessment for rerating of the Oakville Water Purification Plant (WPP) from 109 to 130 ML/d and possible water intake extension. The invitation package includes the SAC terms of reference for your consideration. A hard copy is following by mail.

A member of the study project team member will be contacting you shortly to confirm your receipt of the letter and to confirm your participation.

Regards,

Jean-Louis Gaudet



Jean-Louis Gaudet

Project Coordinator

t: +1.905.793.9809 x 2344 | e: jeanlouis.gaudet@exp.com

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Jean Louis Gaudet

From: Jean Louis Gaudet
Sent: October-09-14 11:04 AM
To: Arun Jain
Subject: Halton - call w B Veale at Conservation Halton

Hi Arun,

FYI, I just had a short chat with Barbara Veale at Conservation Halton.

She said that she will be passing our information about the SAC along to Paul Bond, who is the lead of the CH's new Regional Infrastructure Team, which is being put in place to help with the Region's infrastructure projects. She gave me his e-mail address, so I said that I would forward on the invite to him and cc her (he is away until next week). She said that he is aware of the EA.

JL



Jean-Louis Gaudet

Project Coordinator
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Jean Louis Gaudet

From: Paul Bond <pbond@hrca.on.ca>
Sent: October-14-14 12:13 PM
To: Jean Louis Gaudet
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Thank-you Jean-Louis.

Paul.

Paul Bond
Environmental Planner
Conservation Halton

t: 905-336-1158 ext. 2257 | f: 905-336-6684

2596 Britannia Road West

Burlington ON L7P 0G3

e-mail: pbond@hrca.on.ca

www.conservationhalton.ca

From: Jean Louis Gaudet [mailto:jeanlouis.gaudet@exp.com]

Sent: Thursday, October 09, 2014 11:21 AM

To: Paul Bond

Cc: Envserv; Arun Jain

Subject: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Good morning, Mr. Bond,

As per my discussion with Ms. Veale this morning, I am forwarding you an invitation for Conservation Halton to participate on a Stakeholder Advisory Committee (SAC) for Halton Region's Oakville Water Purification Plant (WPP) rerating Class EA. The invitation package includes the SAC terms of reference for your consideration.

We anticipate the first SAC meeting will take place mid-November.

If you have any questions, please do not hesitate to contact me directly (905 793-9809 x2344) or my colleague Arun Jain, who is leading the Class EA process (905 793-9809 x 2373; arun.jain@exp.com).

Regards,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator

t: +1.905.793.9809 x2344 | e: jeanlouis.gaudet@exp.com

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From: Jean Louis Gaudet
Sent: Tuesday, September 16, 2014 9:32 AM
To: 'enserv@hrca.on.ca'
Cc: 'Arun Jain' (Arun.Jain@exp.com)
Subject: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Dear Ms. Veale,

Attached is an invitation to a Stakeholder Advisory Committee (SAC) for the Halton Region Class Environmental Assessment for rerating of the Oakville Water Purification Plant (WPP) from 109 to 130 ML/d and possible water intake extension. The invitation package includes the SAC terms of reference for your consideration. A hard copy is following by mail.

A member of the study project team member will be contacting you shortly to confirm your receipt of the letter and to confirm your participation.

Regards,

Jean-Louis Gaudet



Jean-Louis Gaudet
Project Coordinator
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“Archaeological potential” is a term used to describe the likelihood that a property contains archaeological resources. This checklist is intended to assist non-specialists screening for the archaeological potential of a property where site alteration is proposed.

Note: for projects seeking a Renewable Energy Approval under Ontario Regulation 359/09, the Ministry of Tourism and Culture has developed a separate checklist to address the requirements of that regulation.

Project Name
Project Location
Proponent Name
Proponent Contact Information

Known Archaeological Sites	Yes	Unknown	No
1. Known archaeological sites within 300 m of property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Physical Features	Yes	Unknown	No
2. Body of water within 300 m of property If yes, what kind of water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a) Primary water source (lake, river, large creek, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Secondary water source (stream, spring, marsh, swamp, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Past water source (beach ridge, river bed, relic creek, ancient shoreline, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topographical features on property (knolls, drumlins, eskers, or plateaus)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Pockets of sandy soil (50 m ² or larger) in a clay or rocky area on property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Distinctive land formations on property (mounds, caverns, waterfalls, peninsulas, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural Features	Yes	Unknown	No
6. Known burial site or cemetery on or adjacent to the property (cemetery is registered with the Cemeteries Regulation Unit)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Food or scarce resource harvest areas on property (traditional fishing locations, agricultural/berry extraction areas, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Indications of early Euro-Canadian settlement within 300 m of property (monuments, cemeteries, structures, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Early historic transportation routes within 100 m of property (historic road, trail, portage, rail corridor, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property-specific Information	Yes	Unknown	No
10. Property is designated and/or listed under the <i>Ontario Heritage Act</i> (municipal register and lands described in Reg. 875 of the <i>Ontario Heritage Act</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Local knowledge of archaeological potential of property (from aboriginal communities, heritage organisations, municipal heritage committees, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Recent deep ground disturbance† (post-1960, widespread and deep land alterations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

† Archaeological potential can be determined not to be present for either the entire property or a part(s) of it when the area under consideration has been subject to widespread and deep land alterations that have severely damaged the integrity of any archaeological resources. Deep disturbance may include quarrying or major underground infrastructure development. Activities such as agricultural cultivation, gardening, minor grading and landscaping are not necessarily considered deep disturbance. Alterations can be considered to be extensive or widespread when they have affected a large area, usually defined as the majority of a property.

Scoring the results:

If **Yes** to **any** of **1, 2a, 2b, 2c, 6, 10, or 11** → high archaeological potential – assessment is required

If **Yes** to **two or more** of **3, 4, 5, 7, 8, or 9** → high archaeological potential – assessment is required

If **Yes** to **12** or **No** to all of **1 - 10** → **low** archaeological potential – assessment is not required

If 3 or more **Unknown** → an archaeological assessment is required (see note below)

† **Note:** If information requested in this checklist is unknown, a consultant archaeologist licensed under the *Ontario Heritage Act* should be retained to carry out at least a Stage 1 archaeological assessment to further explore the archaeological potential of the property and to prepare a report on the results of that assessment. The Ministry of Tourism and Culture reviews all such reports prepared by consultant archaeologists against the ministry's Standards and Guidelines for Consultant Archaeologists. Once the ministry is satisfied that, based on the available information, the report has been prepared in accordance with those guidelines, the ministry issues an acceptance letter to the consultant archaeologist and places the report into its registry where it is available for public inspection.

Jean Louis Gaudet

From: Zirger, Rosi (MTCS) <Rosi.Zirger@ontario.ca>
Sent: October-23-14 12:37 PM
To: Jean Louis Gaudet
Cc: Arun Jain; marek.braczek@halton.ca
Subject: RE: Halton Region - Oakville Water Plant - Environmental Assessment Notice of Commencement
Attachments: Oakville Water Plant EA- MTCS Intial letter-Oct2014.pdf; ArchaeologyPotentialChecklist-Fillable.doc; Screening for Impacts to Built Heritage and Cultural Heritage Landscapes-MTC-Nov2010.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Jean Louis

On September 4, 2014 Ministry of Tourism, Culture and Sport (MTCS) received a Notice of Study Commencement for the project mentioned above. Please accept my apologies for the late reply. We have review the information provided and attach our preliminary comments and recommendations for this project.

MTCS would be interested in remaining on the circulation list and being informed of the project as it proceeds through the EA process. Please continue to send future notices to Rosi Zirger Heritage Planner at rosi.zirger@ontario.ca

Sincerely

Rosi Zirger

Heritage Planner
Ministry of Tourism, Culture & Sport
Culture Division | Programs & Services Branch | Culture Services Unit
401 Bay Street, Suite 1700 Toronto, Ontario M7A 0A7
Tel. 416.314.7159 | Fax 416.314.7175 | E-mail: rosi.zirger@ontario.ca

From: Jean Louis Gaudet [mailto:jeanlouis.gaudet@exp.com]
Sent: September 4, 2014 4:23 PM
To: Zirger, Rosi (MTCS)
Subject: Halton Region - Oakville Water Plant - Environmental Assessment Notice of Commencement

On behalf of the Region of Halton, please find attached the Notice of Commencement for the Region's Municipal Class Environmental Assessment for the Rerating of the Oakville Water Purification Plant from 109 to 130 ML/d and Possible Water Intake Extension, Ward 2, Town of Oakville.

Regards,

Jean-Louis



Jean-Louis Gaudet

Project Coordinator

t: +1.905.793.9809 x 2344 | e: jeanlouis.gaudet@exp.com

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Ministère du Tourisme et de la Culture

Unité des services culturels
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Télééc. : 416 212-1802



October 23, 2014 (EMAIL ONLY)

Mr. Jean-Louis Gaudet, Project Coordinator
exp Services Inc.
1595 Clark Blvd
Brampton, ON L6T 4V1
E: jeanlouis.gaudet@exp.com

MTCS file #: 0001989
Proponent: Halton Region
**Subject: Notice of Study Commencement for
Re-rating of Oakville Water Purification Plant & Water Intake Extension**
Location: Town of Oakville

Dear Mr. Gaudet

Thank you for providing the Ministry of Tourism, Culture and Sport (MTCS) with the Notice of Study Commencement for your project. MTCS's interest in this EA project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- Archaeological resources, including land-based and marine;
- Built heritage resources, including bridges and monuments; and,
- Cultural heritage landscapes.

Under the EA process, the proponent is required to determine a project's potential impact on cultural heritage resources.

Project Summary

We understand that there are two components to this EA study: 1) to address increasing capacity at the existing water treatment plant. This component will not involve any construction at the existing plant; and 2) to address occasional high turbidity (sediment) at the water intake pipe in the lake. This may require the possible extension of the water intake pipe in the lake.

Archaeological Resources – Land and Marine

Any underwater construction activity may impact underwater archaeological resources. Please be aware that the MTCS archaeological sites database shows the presence of known underwater archaeological resources in the vicinity of the study area. As such an archaeological assessment by a marine archaeologist licensed under the Ontario Heritage Act (OHA) is recommended for this project.

In addition, your EA project may also impact land-based archaeological resources. You may screen the project with the MTCS [Criteria for Evaluating Archaeological Potential](#) to determine if a land based archaeological assessment is needed. MTCS archaeological sites data are available at archaeologicalsites@ontario.ca. If your EA project area exhibits archaeological potential, then an archaeological assessment (AA) should be undertaken by an OHA licensed consultant archaeologist, who is responsible for submitting the report directly to MTCS for review.

Please be aware that a land based archaeological assessment should include any on-shore temporary staging or construction areas associated with the water intake pipe.

Built Heritage and Cultural Heritage Landscapes

The attached MTCS checklist *Screening for Impacts to Built Heritage and Cultural Heritage Landscapes* helps determine whether your EA project may impact cultural heritage resources. The Clerk for the Town of Oakville can provide information on property registered or designated under the *Ontario Heritage Act*. Municipal Heritage Planners can also provide information that will assist you in completing the checklist.

If potential or known heritage resources exist, MTCS recommends that a Heritage Impact Assessment (HIA), prepared by a qualified consultant, be completed to assess potential project impacts. Our Ministry's [Info Sheet #5: Heritage Impact Assessments and Conservation Plans](#) outlines the scope of HIAs. Please send the HIA to MTCS and the local municipality for review, and make it available to local organizations or individuals who have expressed interest in heritage.

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation. Aboriginal communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Aboriginal communities includes a discussion about known or potential cultural heritage resources that are of value to these communities. Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

Environmental Assessment Reporting

All technical heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please advise MTCS whether any technical heritage studies will be completed for your EA project, and provide them to MTCS before issuing a Notice of Completion. If your screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file. MTCS is in no way liable if the information in the completed checklists is found to be inaccurate or incomplete.

Thank-you for circulating MTCS on this project: please continue to do so through the EA process, and contact me for any questions or clarification.

Sincerely,

Rosi Zirger
Heritage Planner
rosi.zirger@ontario.ca

Copied to: Marek Braczek, Project Manager, Region of Halton
Arun P. Jain, Manage, exp Services Inc.

Please notify MTCS if archaeological resources are impacted by EA project work. All activities impacting archaeological resources must cease immediately, and a licensed archaeologist is required to carry out a determination of their nature and significance.

If human remains are encountered, all activities must cease immediately and the local police be contacted as well as the Cemeteries Regulation Unit of the Ministry of Consumer Services must be contacted. In situations where human remains are associated with archaeological resources, MTCS should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the Ontario Heritage Act.

Screening for Impacts to Built Heritage and Cultural Heritage Landscapes

This checklist is intended to help proponents determine whether their project could affect known or potential cultural heritage resources. The completed checklist should be returned to the appropriate Heritage Planner or Heritage Advisor at the Ministry of Tourism and Culture.

Step 1 – Screening for Recognized Cultural Heritage Value

YES	NO	Unknown	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Is the subject property designated or adjacent* to a property designated under the <i>Ontario Heritage Act</i> ?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Is the subject property listed on the municipal heritage register or a provincial register/list? (e.g. Ontario Heritage Bridge List)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Is the subject property within or adjacent to a Heritage Conservation District?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Does the subject property have an Ontario Heritage Trust easement or is it adjacent to such a property?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Is there a provincial or federal plaque on or near the subject property?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Is the subject property a National Historic Site?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Is the subject property recognized or valued by an Aboriginal community?

Step 2 – Screening Potential Resources

YES	NO	Unknown	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Built heritage resources
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Does the subject property or an adjacent property contain any buildings or structures over forty years old[†] that are:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Residential structures (e.g. house, apartment building, shanty or trap line shelter)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Farm buildings (e.g. barns, outbuildings, silos, windmills)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Industrial, commercial or institutional buildings (e.g. a factory, school, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Engineering works (e.g. bridges, water or communications towers, roads, water/sewer systems, dams, earthworks, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Monuments or Landmark Features (e.g. cairns, statues, obelisks, fountains, reflecting pools, retaining walls, boundary or claim markers, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Is the subject property or an adjacent property associated with a known architect or builder?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Is the subject property or an adjacent property associated with a person or event of historic interest?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. When the municipal heritage planner was contacted regarding potential cultural heritage value of the subject property, did they express interest or concern?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cultural heritage landscapes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Does the subject property contain landscape features such as:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Burial sites and/or cemeteries
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Parks or gardens
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Quarries, mining, industrial or farming operations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Canals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Prominent natural features that could have special value to people (such as waterfalls, rocky outcrops, large specimen trees, caves, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Evidence of other human-made alterations to the natural landscape (such as trails, boundary or way-finding markers, mounds, earthworks, cultivation, non-native species, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Is the subject property within a Canadian Heritage River watershed?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Is the subject property near the Rideau Canal Corridor UNESCO World Heritage Site?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. Is there any evidence from documentary sources (e.g., local histories, a local recognition program, research studies, previous heritage impact assessment reports, etc.) or local knowledge or Aboriginal oral history, associating the subject property/ area with historic events, activities or persons?

Note:

If the answer is "yes" to any question in Step 1, proceed to Step 3.

The following resources can assist in answering questions in Step 1:

Municipal Clerk or Planning Department – Information on properties designated under the Ontario Heritage Act (individual properties or Heritage Conservation Districts) and properties listed on a Municipal Heritage register.

Ontario Heritage Trust – Contact the OHT directly regarding easement properties. A list of OHT plaques can be found on the website: [Ontario Heritage Trust](#)

Parks Canada – A list of National Historic Sites can be found on the website: [Parks Canada](#)

Ministry of Tourism and Culture – The Ontario Heritage Properties Database includes close to 8000 identified heritage properties. Note while this database is a valuable resource, it has not been updated since 2005, and therefore is not comprehensive or exhaustive. [Ontario Heritage Properties Database](#)

Local or Provincial archives

Local heritage organizations, such as the municipal heritage committee, historical society, local branch of the Architectural Conservancy of Ontario, etc.

Consideration should also be given to obtaining oral evidence of CHR. For example, in many Aboriginal communities, an important means of maintaining knowledge of cultural heritage resources is through oral tradition.

If the answer is "yes" to any question in Step 2, an evaluation of cultural heritage value is required. If cultural heritage resources are identified, proceed to Step 3.

If the answer to any question in Step 1 or to questions 2-4, 6-8 in Step 2, is "unknown", further research is required.

If the answer is "yes" to any of the questions in Step 3, a heritage impact assessment is required.

If uncertainty exists at any point, the services of a qualified person should be retained to assist in completing this checklist. All cultural heritage evaluation reports and heritage impact assessment reports must be prepared by a qualified person. Qualified persons means individuals (professional engineers, architects, archaeologists, etc.) having relevant, recent experience in the identification and conservation of cultural heritage resources. Appropriate evaluation involves gathering and recording information about the property sufficient to understand and substantiate its heritage value; determining cultural heritage value or interest based on the advice of qualified persons and with appropriate community input. If the property meets the criteria in Ontario Regulation 9/06 under the Ontario Heritage Act, it is a cultural heritage resource.

[†] The 40 year old threshold is an indicator of potential when conducting a preliminary survey for identification of cultural heritage resources. While the presence of a built feature that is 40 or more years old does not automatically signify cultural heritage value, it does make it more likely that the property could have cultural heritage value or interest. Similarly, if all the built features on a property are less than 40 years old, this does not automatically mean the property has no cultural heritage value. Note that age is not a criterion for designation under the *Ontario Heritage Act*.

Step 3 – Screening for Potential Impacts		
YES	NO	Will the proposed undertaking/project involve or result in any of the following potential impacts to the subject property or an adjacent* property?
<input type="checkbox"/>	<input type="checkbox"/>	Destruction, removal or relocation of any, or part of any, heritage attribute or feature.
<input type="checkbox"/>	<input type="checkbox"/>	Alteration (which means a change in any manner and includes restoration, renovation, repair or disturbance).
<input type="checkbox"/>	<input type="checkbox"/>	Shadows created that alter the appearance of a heritage attribute or change the exposure or visibility of a natural feature or plantings, such as a garden.
<input type="checkbox"/>	<input type="checkbox"/>	Isolation of a heritage attribute from its surrounding environment, context or a significant relationship.
<input type="checkbox"/>	<input type="checkbox"/>	Direct or indirect obstruction of significant views or vistas from, within, or to a built or natural heritage feature.
<input type="checkbox"/>	<input type="checkbox"/>	A change in land use such as rezoning a battlefield from open space to residential use, allowing new development or site alteration to fill in the formerly open spaces.
<input type="checkbox"/>	<input type="checkbox"/>	Soil disturbance such as a change in grade, or an alteration of the drainage pattern, or excavation, etc.

* For the purposes of evaluating potential impacts of development and site alteration "adjacent" means: contiguous properties as well as properties that are separated from a heritage property by narrow strip of land used as a public or private road, highway, street, lane, trail, right-of way, walkway, green space, park, and/or easement or as otherwise defined in the municipal official plan.

Attempts to contact DFO

- Sept 4, 2014 – Sent NOC to Paul Lashbrook, DFO
- Sept 15, 2014 – mailed SAC invite to P Lashbrook, no response
- Oct 8, 2014 – called DFO to obtain P Lashbrook's contact info or another appropriate contact. Person spoken to said no P Lashbrook in directory, suggested the Fisheries Protection program would be point of contact, and suggested we e-mail them with our question and the notice.
- Oct 8, 2014 – e-mail sent to fisheries protection program with notice, original letter to P Lashbrook, and a request for the appropriate contact. No response.
- Oct 29, 2014 – resent e-mail request.
- Oct 31, 2014 – called telephone number for program. No option to speak with anyone, left voice mail.
- Nov 3, 2014 - Received voice mail from Gary Cooper of DFO in response to a voice mail by JL Gaudet for the DFO Fisheries Protection Program, requesting a contact person for the Class EA. Mr. Cooper said that proponents need to fill out a "Request for Review" online form for DFO to review anything. This is found online at their "Working around Water" website. He said if the project team has something for them to review in relation to the project, then they will review it if it is submitted through that form. He said he anticipates this would be further along in the process.

Jean Louis Gaudet

From: Desjardins, Marc (MNR) <marc.d.desjardins@ontario.ca>
Sent: November-04-14 2:47 PM
To: Jean Louis Gaudet
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jean-Louis,

Sorry about the very late reply...but I have been in the field for the better part of a month. Yes...please keep me up to date on progress of this EA and on the preferred solution moving forward. Once finalized our office can help with regard to fisheries objectives for the area being altered.

Marc

From: Jean Louis Gaudet [mailto:jeanlouis.gaudet@exp.com]
Sent: October-08-14 3:25 PM
To: Desjardins, Marc (MNR)
Cc: Arun Jain
Subject: FW: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Marc,

Jackie Burkart from the Aurora MNRF office suggested that we advise the Lake Ontario Management Unit regarding Halton Region's Class EA for the re-rating of Oakville Water Purification Plant (WPP) (see message thread below). She advised you may be the appropriate contact for the Unit.

The purpose of the Class EA is to assess, test and evaluate various Oakville Water Purification Plant components so Halton Region can obtain approval from the Ontario Ministry of the Environment to re-rate the plant production rate from 109 mega liters per day (ML/d) to 130 ML/d.

The study will also address issues faced by the plant resulting from occasional high turbidity (due to sediment from Sixteen Mile Creek during heavy rainfalls) at the water intake pipe in the lake. The EA will examine various alternative solutions to this issue, which will include plant-based process fix and/or modifications to the existing intake, such as an extension further (approx. 2 to 3 km) into Lake Ontario.

For your information, I have attached a copy of the notice of commencement for this project.

Can you please advise whether your office wishes to be kept involved in this project and the best way for us to consult with it?

If you have any questions, please do not hesitate to contact me directly (1.905.793.9809 x2344) or my colleague Arun Jain, who is leading the Class EA process (905 793-9800 x 2373; arun.jain@exp.com).

Thank you,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator

t: +1.905.793.9809 x2344 | e: jeanlouis.gaudet@exp.com1595 Clark Boulevard
Brampton, ON L6T 4V1
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From: Arun Jain**Sent:** Wednesday, October 08, 2014 2:00 PM**To:** Jean Louis Gaudet**Subject:** FW: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension**Arun P. Jain, P.Eng., M.Eng.**

Practice Lead - Linear Infrastructure, Central Ontario

exp Services Inc.t: +1.905.793.9800 x2373 | m: +1.647.248.9104 | e: arun.jain@exp.com1595 Clark Blvd.
Brampton, ON L6T 4V1
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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]**Sent:** Wednesday, October 08, 2014 1:58 PM**To:** Arun Jain**Subject:** RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Try Marc Desjardins. His name was given to me but his telephone # looks like he's in the eastern part of the province.

From: Arun Jain [<mailto:Arun.Jain@exp.com>]**Sent:** October 8, 2014 1:49 PM**To:** Burkart, Jackie (MNR)**Cc:** Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet**Subject:** RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jackie,

Thanks!

Would you have the name for LOMU contact as well ?

Jean Louis, our consultation expert will be in touch with all concerned.

Regards,

Arun



Arun P. Jain, P.Eng., M.Eng.

Practice Lead - Linear Infrastructure, Central Ontario

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t: +1.905.793.9800 x2373 | m: +1.647.248.9104 | e: arun.jain@exp.com

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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]

Sent: Wednesday, October 08, 2014 1:45 PM

To: Arun Jain

Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet

Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Yes. Please contact Chris Hislop (lands) and the Lake Ontario Management Unit (LOMU). The LOMU is familiar with spawning and nursery locations along the shoreline. Their input will be required. Please contact them directly. Chris has been copied on this email.

Jackie

From: Arun Jain [<mailto:Arun.Jain@exp.com>]

Sent: October 8, 2014 1:34 PM

To: Burkart, Jackie (MNR)

Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet

Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jackie,

Would you then recommend that we include someone else from MNR?

Also, would you like us to contact them directly or should we wait for further direction from you.

Regards,



Arun P. Jain, P.Eng., M.Eng.

Practice Lead - Linear Infrastructure, Central Ontario

exp Services Inc.

t: +1.905.793.9800 x2373 | m: +1.647.248.9104 | e: arun.jain@exp.com

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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]

Sent: Wednesday, October 08, 2014 1:22 PM

To: Arun Jain

Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR)

Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Arun,

Yes - a pipe extension will likely involve our lands folk. I want to make sure we engage the appropriate staff, if and where required.

Jackie

From: Arun Jain [<mailto:Arun.Jain@exp.com>]

Sent: October 8, 2014 12:58 PM

To: Burkart, Jackie (MNR); Jean Louis Gaudet

Cc: Berube, Margaret (MNR)

Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

Just to add to what Jean Louis said, we do have the alternative solution of putting a pipe in the lake and it will be evaluated as part of current Schedule B EA. We therefore feel that your involvement will be important.

In terms of high level detail, the alternative solution will involve a pipe likely 1 metre or larger in diameter and could extend from shore to 2-3 km in to lake depending on the extent of sediment plume. The Mike 3 modelling is currently underway to delineate extent of the plume which will define how far the pipe need to go in to lake to avoid sediments.

Regards,

Arun



Arun P. Jain, P.Eng., M.Eng.

Practice Lead - Linear Infrastructure, Central Ontario

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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 11:02 AM
To: Jean Louis Gaudet
Cc: Berube, Margaret (MNR); Arun Jain
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

OK – that is sort of what I thought. At this point MNRF need not be involved. IF it becomes a Schedule C we may get involved at that point.

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]
Sent: October 8, 2014 11:00 AM
To: Burkart, Jackie (MNR)
Cc: Berube, Margaret (MNR); Arun Jain
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

There will not be any new land construction/buildings with this Class EA. The re-rating portion of this EA will be to review and test plant modifications to verify the capacity increase from 109 to 130 ML/d.

The EA will also address the issue of occasional high turbidity at the raw intake and look at various alternative solutions, including either a plant-based process fix and/or modifications to the existing intake, such as an extension. If the preferred alternative is to modify the existing intake, then the Class EA would be upgraded to a Schedule C. But at this stage, we do not know what the preferred alternative will be.

I hope this clarifies.

Regards,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator
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Brampton, ON L6T 4V1
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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 10:50 AM
To: Jean Louis Gaudet
Cc: Berube, Margaret (MNR)
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jean-Louis,

It may be a little early for you to know this but... do you anticipate any land construction with this EA – i.e., new buildings? Do you anticipate any new pipes going out into the Lake? Depending upon the anticipated nature of the proposed works, the involvement of MNRF may be very limited.

Jackie Burkart

District Planner

Ministry of Natural Resources | 50 Bloomington Road, Aurora, ON L4G 0L8 | Phone: 905-713-7368 | Fax: 905-713-7360 | Email: jackie.burkart@ontario.ca |

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]

Sent: October 8, 2014 10:36 AM

To: Burkart, Jackie (MNR)

Subject: FW: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

On Sept. 16, we had sent Steven Strong an invitation for MNRF to participate on a Stakeholder Advisory Committee (SAC) for the Halton Region Class EA for the Oakville Water Purification Plant (WPP) rerating (see attached).

We wanted to follow-up with you to see if he had forwarded the invitation to you (as the MNRF contact for this project) and to confirm whether you or another designate from MNRF would be participating on the SAC.

We anticipate that the first meeting would be mid-November.

Can you please advise whether MNRF will be participating? Please feel free to call me if you have any questions - 905.793.9809 x2344.

Regards,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator

t: +1.905.793.9809 x2344 | e: jeanlouis.gaudet@exp.com

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Brampton, ON L6T 4V1

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From: Jean Louis Gaudet

Sent: Tuesday, September 16, 2014 9:35 AM

To: Steven.strong@ontario.ca

Cc: 'Arun Jain' (Arun.Jain@exp.com)

Subject: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Good morning Mr. Strong,

Attached is an invitation to a Stakeholder Advisory Committee (SAC) for the Halton Region Class Environmental Assessment for rerating of the Oakville Water Purification Plant (WPP) from 109 to 130 ML/d and possible water intake extension. The invitation package includes the SAC terms of reference for your consideration. A hard copy is following by mail.

A member of the study project team member will be contacting you shortly to confirm your receipt of the letter and to confirm your participation.

Regards,

Jean-Louis Gaudet



Jean-Louis Gaudet

Project Coordinator

t: +1.905.793.9809 x 2344 | e: jeanlouis.gaudet@exp.com

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Jean Louis Gaudet

From: Jean Louis Gaudet
Sent: November-04-14 2:52 PM
To: Desjardins, Marc (MNR)
Cc: 'Arun Jain' (Arun.Jain@exp.com)
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Thanks Marc – and no worries, a late reply is better than no reply...

Yes, we will be sure to keep your office in the loop, and I will add your info to our distribution list.

And I believe one of our team members from LGL will be contacting your office shortly as well about fish records, perhaps going through Jim Bowlby.

Cheers,

JL

Jean-Louis Gaudet | exp

Project Coordinator
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Brampton, ON L6T 4V1
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From: Desjardins, Marc (MNR) [<mailto:marc.d.desjardins@ontario.ca>]
Sent: Tuesday, November 04, 2014 2:47 PM
To: Jean Louis Gaudet
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jean-Louis,

Sorry about the very late reply...but I have been in the field for the better part of a month. Yes...please keep me up to date on progress of this EA and on the preferred solution moving forward. Once finalized our office can help with regard to fisheries objectives for the area being altered.

Marc

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]
Sent: October-08-14 3:25 PM
To: Desjardins, Marc (MNR)
Cc: Arun Jain
Subject: FW: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Marc,

Jackie Burkart from the Aurora MNRF office suggested that we advise the Lake Ontario Management Unit regarding Halton Region's Class EA for the re-rating of Oakville Water Purification Plant (WPP) (see message thread below). She advised you may be the appropriate contact for the Unit.

The purpose of the Class EA is to assess, test and evaluate various Oakville Water Purification Plant components so Halton Region can obtain approval from the Ontario Ministry of the Environment to re-rate the plant production rate from 109 mega liters per day (ML/d) to 130 ML/d.

The study will also address issues faced by the plant resulting from occasional high turbidity (due to sediment from Sixteen Mile Creek during heavy rainfalls) at the water intake pipe in the lake. The EA will examine various alternative solutions to this issue, which will include plant-based process fix and/or modifications to the existing intake, such as an extension further (approx. 2 to 3 km) into Lake Ontario.

For your information, I have attached a copy of the notice of commencement for this project.

Can you please advise whether your office wishes to be kept involved in this project and the best way for us to consult with it?

If you have any questions, please do not hesitate to contact me directly (1.905.793.9809 x2344) or my colleague Arun Jain, who is leading the Class EA process (905 793-9800 x 2373; arun.jain@exp.com).

Thank you,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator
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Brampton, ON L6T 4V1
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From: Arun Jain
Sent: Wednesday, October 08, 2014 2:00 PM
To: Jean Louis Gaudet
Subject: FW: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension



Arun P. Jain, P.Eng., M.Eng.

Practice Lead - Linear Infrastructure, Central Ontario
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t: +1.905.793.9800 x2373 | m: +1.647.248.9104 | e: arun.jain@exp.com
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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 1:58 PM
To: Arun Jain
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Try Marc Desjardins. His name was given to me but his telephone # looks like he's in the eastern part of the province.

From: Arun Jain [<mailto:Arun.Jain@exp.com>]
Sent: October 8, 2014 1:49 PM
To: Burkart, Jackie (MNR)
Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jackie,

Thanks!

Would you have the name for LOMU contact as well ?

Jean Louis, our consultation expert will be in touch with all concerned.

Regards,

Arun



Arun P. Jain, P.Eng., M.Eng.

Practice Lead - Linear Infrastructure, Central Ontario

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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 1:45 PM
To: Arun Jain
Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Yes. Please contact Chris Hislop (lands) and the Lake Ontario Management Unit (LOMU). The LOMU is familiar with spawning and nursery locations along the shoreline. Their input will be required. Please contact them directly. Chris has been copied on this email.

Jackie

From: Arun Jain [<mailto:Arun.Jain@exp.com>]
Sent: October 8, 2014 1:34 PM
To: Burkart, Jackie (MNR)
Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jackie,

Would you then recommend that we include someone else from MNR?

Also, would you like us to contact them directly or should we wait for further direction from you.

Regards,



Arun P. Jain, P.Eng., M.Eng.

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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 1:22 PM
To: Arun Jain
Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR)
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Arun,

Yes - a pipe extension will likely involve our lands folk. I want to make sure we engage the appropriate staff, if and where required.

Jackie

From: Arun Jain [<mailto:Arun.Jain@exp.com>]
Sent: October 8, 2014 12:58 PM

To: Burkart, Jackie (MNR); Jean Louis Gaudet
Cc: Berube, Margaret (MNR)
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

Just to add to what Jean Louis said, we do have the alternative solution of putting a pipe in the lake and it will be evaluated as part of current Schedule B EA. We therefore feel that your involvement will be important.

In terms of high level detail, the alternative solution will involve a pipe likely 1 metre or larger in diameter and could extend from shore to 2-3 km in to lake depending on the extent of sediment plume. The Mike 3 modelling is currently underway to delineate extent of the plume which will define how far the pipe need to go in to lake to avoid sediments.

Regards,

Arun



Arun P. Jain, P.Eng., M.Eng.

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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 11:02 AM
To: Jean Louis Gaudet
Cc: Berube, Margaret (MNR); Arun Jain
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

OK – that is sort of what I thought. At this point MNRF need not be involved. IF it becomes a Schedule C we may get involved at that point.

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]
Sent: October 8, 2014 11:00 AM
To: Burkart, Jackie (MNR)
Cc: Berube, Margaret (MNR); Arun Jain
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

There will not be any new land construction/buildings with this Class EA. The re-rating portion of this EA will be to review and test plant modifications to verify the capacity increase from 109 to 130 ML/d.

The EA will also address the issue of occasional high turbidity at the raw intake and look at various alternative solutions, including either a plant-based process fix and/or modifications to the existing intake, such as an extension. If the preferred alternative is to modify the existing intake, then the Class EA would be upgraded to a Schedule C. But at this stage, we do not know what the preferred alternative will be.

I hope this clarifies.

Regards,

Jean-Louis

Jean-Louis Gaudet | exp

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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 10:50 AM
To: Jean Louis Gaudet
Cc: Berube, Margaret (MNR)
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jean-Louis,

It may be a little early for you to know this but.... do you anticipate any land construction with this EA – i.e., new buildings? Do you anticipate any new pipes going out into the Lake? Depending upon the anticipated nature of the proposed works, the involvement of MNRF may be very limited.

Jackie Burkart

District Planner
Ministry of Natural Resources | 50 Bloomington Road, Aurora, ON L4G 0L8 | Phone: 905-713-7368 | Fax: 905-713-7360 | Email: jackie.burkart@ontario.ca |

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]
Sent: October 8, 2014 10:36 AM
To: Burkart, Jackie (MNR)
Subject: FW: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

On Sept. 16, we had sent Steven Strong an invitation for MNRF to participate on a Stakeholder Advisory Committee (SAC) for the Halton Region Class EA for the Oakville Water Purification Plant (WPP) rerating (see attached).

We wanted to follow-up with you to see if he had forwarded the invitation to you (as the MNRF contact for this project) and to confirm whether you or another designate from MNRF would be participating on the SAC.

We anticipate that the first meeting would be mid-November.

Can you please advise whether MNRF will be participating? Please feel free to call me if you have any questions - 905.793.9809 x2344.

Regards,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator
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Brampton, ON L6T 4V1
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From: Jean Louis Gaudet
Sent: Tuesday, September 16, 2014 9:35 AM
To: Steven.strong@ontario.ca
Cc: 'Arun Jain' (Arun.Jain@exp.com)
Subject: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Good morning Mr. Strong,

Attached is an invitation to a Stakeholder Advisory Committee (SAC) for the Halton Region Class Environmental Assessment for rerating of the Oakville Water Purification Plant (WPP) from 109 to 130 ML/d and possible water intake extension. The invitation package includes the SAC terms of reference for your consideration. A hard copy is following by mail.

A member of the study project team member will be contacting you shortly to confirm your receipt of the letter and to confirm your participation.

Regards,

Jean-Louis Gaudet



Jean-Louis Gaudet

Project Coordinator
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Jean Louis Gaudet

From: Hislop, Chris (MNRF) <Chris.Hislop@ontario.ca>
Sent: November-14-14 1:46 PM
To: Jean Louis Gaudet
Cc: Arun Jain
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension
Attachments: Application for Work Permit - Part 1.pdf; Application to Do Work on Shorelands Part 3.pdf; Works Within a Waterbody Part 5.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Hi Jean-Louis,

Aurora District staff will not be able to participate on the Stakeholder Advisory Committee. The District involvement will be limited to reviewing the Class EA. I cannot speak to any involvement by the Lake Ontario Management Unit.

If there is an extension of the pipe proposed beyond the current easement a Public Lands Act work permit may be required and a new Crown Easement may also be required. Should the work area be limited to the current waterlot the Crown Easement document likely allows for repairs, upgrades, maintenance or replacement of the pipe, it will be necessary for you to review the land tenure document for the current pipe to determine what activities are authorized by that document.

For your reference I have included an Application for a Work Permit to be completed and returned to this office should a Public Lands Act approval be required. The following information should be included:

- Detailed plans and specifications for construction. Your plans must indicate the method by which sediment will be contained during construction, the proposed method of construction and proposed method of site restoration to be utilized after construction.
- The applicant provides an authorization or exemption for this project from Department of Fisheries and Oceans under the Federal Fisheries Act.
- The applicant provides an approval or exemption from Transport Canada related to the construction of the proposed works;
- The applicant may require approvals or permits from Conservation Halton;
- Confirmation that the project has been approved under the Environmental Assessment Act.

Additionally, a Crown Easement will be required to authorize the use of the Crown land (bed of Lake Ontario) occupied by the pipe should it be expanded beyond the current waterlot, the following will be required once the work is completed:

- A completed and signed Application for Crown Land (application enclosed); the application is to be signed by officials able to bind the corporation.
- A description of the dominant tenement;
- A Crown Land Plan, prepared at your expense, following the "Instructions Governing Ontario Crown Land Surveys and Plans, November 1, 2010". Please do not arrange to have the survey completed until approval is granted by this office.

- An Affidavit of Residence and of Value of the Consideration (form 1 – Land Transfer Tax Act), in triplicate together with a separate cheque payable to the Minister of Finance to cover the Land Transfer Tax (0.5% of the value (\$5)). This is a requirement of the Land Registry Office.
- A one-time fee for the Easement of \$1000.00 + GST made payable to the “Minister of Finance”, (please do not send a cheque until requested by this office).

Should you have any questions or concerns please let me know.

Regards,

Chris Hislop

Lands and Waters Technical Specialist
Ministry of Natural Resources and Forestry – Aurora District
50 Bloomington Road, Aurora ON L4G 0L8
Tel: (905) 713-7386
Fax: (905) 713-7361
Email: chris.hislop@ontario.ca

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]
Sent: November 4, 2014 3:04 PM
To: Hislop, Chris (MNR)
Cc: Arun Jain
Subject: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Good afternoon, Chris,

I just wanted to follow-up on my e-mail of October 8 regarding Halton Region’s invitation to MNRF to participate on a Stakeholder Advisory Committee (SAC) for the Oakville Water Purification Plant Re-rating Class EA. The first meeting was expected to be mid-November, but this has been pushed back to later in November/early December (date to be determined).

Please advise whether you or another designate from MNRF would be willing to participate on the SAC.

If you have any questions, please do not hesitate to contact me directly (1.905.793.9809 x2344) or my colleague Arun Jain, who is leading the Class EA process (905 793-9800 x 2373; arun.jain@exp.com). For your information, I have re-attached the Class EA notice of commencement and the SAC terms of reference.

Regards,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator
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From: Jean Louis Gaudet
Sent: Wednesday, October 08, 2014 3:16 PM
To: 'chris.hislop@ontario.ca'

Cc: 'Arun Jain' (Arun.Jain@exp.com)

Subject: FW: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Chris,

As per the correspondence below, we would like to advise you of Halton Region's Class EA for the re-rating of Oakville Water Purification Plant (WPP).

The purpose of the Class EA is to assess, test and evaluate various Oakville Water Purification Plant components so Halton Region can obtain approval from the Ontario Ministry of the Environment to re-rate the plant production rate from 109 mega liters per day (ML/d) to 130 ML/d.

The study will also address issues faced by the plant resulting from occasional high turbidity (due to sediment from Sixteen Mile Creek during heavy rainfalls) at the water intake pipe in the lake. The EA will examine various alternative solutions to this issue, which will include plant-based process fix and/or modifications to the existing intake, such as an extension further (approx. 2 to 3 km) into Lake Ontario.

We wish to consult closely with MNRF on these alternatives, and as such we are inviting MNRF to participate on a Stakeholder Advisory Committee, which is expected to meet twice during the Class EA process. The first meeting is expected to occur mid-November.

For your information, I have attached a copy of the notice of commencement for this project and the terms of reference for the SAC. Please advise if you or another designate from MNRF would be willing to participate on the SAC.

If you have any questions, please do not hesitate to contact me directly (1.905.793.9809 x2344) or my colleague Arun Jain, who is leading the Class EA process (905 793-9800 x 2373; arun.jain@exp.com).

Thank you,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator

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From: Arun Jain

Sent: Wednesday, October 08, 2014 1:49 PM

To: Burkart, Jackie (MNR)

Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet

Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jackie,

Thanks!

Would you have the name for LOMU contact as well ?

Jean Louis, our consultation expert will be in touch with all concerned.

Regards,

Arun



Arun P. Jain, P.Eng., M.Eng.

Practice Lead - Linear Infrastructure, Central Ontario

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t: +1.905.793.9800 x2373 | m: +1.647.248.9104 | e: arun.jain@exp.com

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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]

Sent: Wednesday, October 08, 2014 1:45 PM

To: Arun Jain

Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet

Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Yes. Please contact Chris Hislop (lands) and the Lake Ontario Management Unit (LOMU). The LOMU is familiar with spawning and nursery locations along the shoreline. Their input will be required. Please contact them directly. Chris has been copied on this email.

Jackie

From: Arun Jain [<mailto:Arun.Jain@exp.com>]

Sent: October 8, 2014 1:34 PM

To: Burkart, Jackie (MNR)

Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR); Jean Louis Gaudet

Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jackie,

Would you then recommend that we include someone else from MNR?

Also, would you like us to contact them directly or should we wait for further direction from you.

Regards,



Arun P. Jain, P.Eng., M.Eng.

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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]

Sent: Wednesday, October 08, 2014 1:22 PM

To: Arun Jain

Cc: Hislop, Chris (MNR); Almond, John (MNR); Berube, Margaret (MNR); ESA Aurora (MNR)

Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Arun,

Yes - a pipe extension will likely involve our lands folk. I want to make sure we engage the appropriate staff, if and where required.

Jackie

From: Arun Jain [<mailto:Arun.Jain@exp.com>]

Sent: October 8, 2014 12:58 PM

To: Burkart, Jackie (MNR); Jean Louis Gaudet

Cc: Berube, Margaret (MNR)

Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

Just to add to what Jean Louis said, we do have the alternative solution of putting a pipe in the lake and it will be evaluated as part of current Schedule B EA. We therefore feel that your involvement will be important.

In terms of high level detail, the alternative solution will involve a pipe likely 1 metre or larger in diameter and could extend from shore to 2-3 km in to lake depending on the extent of sediment plume. The Mike 3 modelling is currently underway to delineate extent of the plume which will define how far the pipe need to go in to lake to avoid sediments.

Regards,

Arun



Arun P. Jain, P.Eng., M.Eng.

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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 11:02 AM
To: Jean Louis Gaudet
Cc: Berube, Margaret (MNR); Arun Jain
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

OK – that is sort of what I thought. At this point MNRF need not be involved. IF it becomes a Schedule C we may get involved at that point.

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]
Sent: October 8, 2014 11:00 AM
To: Burkart, Jackie (MNR)
Cc: Berube, Margaret (MNR); Arun Jain
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

There will not be any new land construction/buildings with this Class EA. The re-rating portion of this EA will be to review and test plant modifications to verify the capacity increase from 109 to 130 ML/d.

The EA will also address the issue of occasional high turbidity at the raw intake and look at various alternative solutions, including either a plant-based process fix and/or modifications to the existing intake, such as an extension. If the preferred alternative is to modify the existing intake, then the Class EA would be upgraded to a Schedule C. But at this stage, we do not know what the preferred alternative will be.

I hope this clarifies.

Regards,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator
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From: Burkart, Jackie (MNR) [<mailto:Jackie.Burkart@ontario.ca>]
Sent: Wednesday, October 08, 2014 10:50 AM
To: Jean Louis Gaudet
Cc: Berube, Margaret (MNR)
Subject: RE: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Jean-Louis,

It may be a little early for you to know this but... do you anticipate any land construction with this EA – i.e., new buildings? Do you anticipate any new pipes going out into the Lake? Depending upon the anticipated nature of the proposed works, the involvement of MNRF may be very limited.

Jackie Burkart

District Planner

Ministry of Natural Resources | 50 Bloomington Road, Aurora, ON L4G 0L8 | Phone: 905-713-7368 | Fax: 905-713-7360 | Email: jackie.burkart@ontario.ca |

From: Jean Louis Gaudet [<mailto:jeanlouis.gaudet@exp.com>]
Sent: October 8, 2014 10:36 AM
To: Burkart, Jackie (MNR)
Subject: FW: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Hi Jackie,

On Sept. 16, we had sent Steven Strong an invitation for MNRF to participate on a Stakeholder Advisory Committee (SAC) for the Halton Region Class EA for the Oakville Water Purification Plant (WPP) rerating (see attached).

We wanted to follow-up with you to see if he had forwarded the invitation to you (as the MNRF contact for this project) and to confirm whether you or another designate from MNRF would be participating on the SAC.

We anticipate that the first meeting would be mid-November.

Can you please advise whether MNRF will be participating? Please feel free to call me if you have any questions - 905.793.9809 x2344.

Regards,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator

t: +1.905.793.9809 x2344 | e: jeanlouis.gaudet@exp.com

1595 Clark Boulevard
Brampton, ON L6T 4V1
Canada

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From: Jean Louis Gaudet
Sent: Tuesday, September 16, 2014 9:35 AM

To: Steven.strong@ontario.ca

Cc: 'Arun Jain' (Arun.Jain@exp.com)

Subject: SAC Invitation - Halton Region Class EA - Rerating of Oakville WPP and Possible Intake Extension

Good morning Mr. Strong,

Attached is an invitation to a Stakeholder Advisory Committee (SAC) for the Halton Region Class Environmental Assessment for rerating of the Oakville Water Purification Plant (WPP) from 109 to 130 ML/d and possible water intake extension. The invitation package includes the SAC terms of reference for your consideration. A hard copy is following by mail.

A member of the study project team member will be contacting you shortly to confirm your receipt of the letter and to confirm your participation.

Regards,

Jean-Louis Gaudet



Jean-Louis Gaudet

Project Coordinator

t: +1.905.793.9809 x 2344 | e: jeanlouis.gaudet@exp.com

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CANADA

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Project Title:	Re-rating of the Oakville Water Purification Plant (WPP) Municipal Class EA	
LGL Project No:	TA8469	
Client:	Halton Region	
Meeting Location:	Conservation Halton Auditorium 2596 Britannia Road West, Burlington ON	
Date of Meeting:	November 3, 2014, 1:30 pm	
Attendees:	Paul Bond (PB) – Conservation Halton Holly Anderson (HA) – Conservation Halton Sarah Matchett (SM) – Conservation Halton Cory Harris (CH) – Conservation Halton Arun Jain (AJ) – exp Services Inc. Arnel Fausto (AF) – LGL Limited Lynette Renzetti (LR) – LGL Limited Jeffrey Doucette (JD) – GHD	pbond@hrca.on.ca handerson@hrca.on.ca smatchett@hrca.on.ca charris@hrca.on.ca Arun.Jain@exp.com afausto@lgl.com lrenzetti@lgl.com Jeff.Doucette@ghd.com

Revision: 2014-11-17
Distribution: All Attendees
Date of Distribution: November 17, 2014

These minutes were prepared by Lynette Renzetti (LR), LGL Limited and reviewed by Arun Jain (AJ), exp Services Inc.

Any question of interpretation, errors or omissions must be reported to the author within five (5) business days of the distribution date, otherwise these minutes will be considered an accurate record of the proceedings.

Agenda was distributed in advance of the meeting. Item numbers correspond to the Agenda.

Item:	Description:	Action By:
1.	<p>Introduction, Project Roles Attendees introduced themselves and summarized their respective roles on the Oakville WPP Class EA, as follows: PB – Environmental Planner and Regional Infrastructure Team (RIT) Lead CH – Water Resource Engineer, RIT HA – Terrestrial Planning Ecologist, RIT SM – Aquatic Planning Ecologist, RIT LR – Planning Ecologist, LGL Limited, Natural Sciences support for EA AF – Senior Ecologist and Vice President, LGL Limited, Natural Sciences Team Lead for EA JD – Coastal and River Scientist, GHD, Sixteen Mile Creek Plume Assessment and MIKE3 Modeling AJ – Practice Lead – Linear Infrastructure, exp Services, EA Lead</p>	

Item:	Description:	Action By:
2.	<p>Project Overview, and the Class EA Process, Stakeholders</p> <p>AJ summarized the need for increased capacity at the Oakville WPP to satisfy the 2031 planning horizon. As a result, Halton Region is seeking to re-rate the plant at 21 Kerr St. in Oakville from 109 ML/d to 130 ML/d through the Class EA process. AJ also mentioned that the Oakville WPP experiences periodic disruption in its processes as a result of the high volumes of sediment discharged into Lake Ontario at the mouth of Sixteen Mile Creek during heavy rain events. The sediment plume that develops in the lake overlaps with the area from which the existing WPP intake pipe draws its raw water, resulting in high turbidity levels that are disruptive to plant processes.</p> <p>AJ described the project as twofold –</p> <ol style="list-style-type: none"> 1. Confirmation that existing plant footprint and infrastructure can achieve the increased rate of delivery to 130 ML/d through alterations to plant processes. Testing is required to demonstrate this is achievable, and will subsequently be presented to MOE for their approval. 2. Investigation of the sediment plume associated with Sixteen Mile Creek to determine if it will interfere with the plant’s ability to operate at 130 ML/d. If this is the case, a range of alternatives would be evaluated to determine a solution, including a possible intake extension or construction of a new intake. <p>AJ explained that if the re-rating of the Oakville WPP can be achieved after Step 1 above, the project would complete the Schedule B Municipal Class EA process. However, if it is determined that in order to achieve the 130 ML/d rating, the impact of the sediment plume from Sixteen Mile Creek needs to also be addressed, the project will proceed as a Schedule C Municipal Class EA.</p> <p>AJ explained that at this point, the project team would like to begin early consultation with agencies to ensure communication and feedback is ongoing; however, given the early stage of the project no design alternatives have been developed as of yet. In a recent (October) meeting to review the test plan at the plant (as it relates to Step 1 above) it was determined that additional tweaking to the plant process and subsequent testing is needed. As a result, the first meeting of the Stakeholders Advisory Committee (SAC) has been postponed, likely until early 2015. The SAC is comprised of representatives from regulatory agencies, Councilors, Town of Oakville and the project team.</p> <p>AJ’s introduction of the project was followed by some table discussion regarding appropriate contacts for SAC participation to represent the Department of Fisheries and Oceans (DFO) and the Lake Ontario Management Unit (LOMU) of the Ministry of Natural Resources and Forestry (MNRF). Further to this, was the suggestion by SM that the LOMU may also be able to provide additional fisheries data for Lake Ontario in the vicinity of the project area.</p>	<p>LR to contact LOMU to determine availability of fisheries data for study area (Lake Ontario and Sixteen Mile Creek).</p> <p>LR to contact DFO to confirm extent of involvement at this and subsequent stages of the EA. LR to communicate response from DFO to SM.</p>

Item:	Description:	Action By:
3a.	<p>Baseline Study – Natural Environment (LGL)</p> <p>AF began by describing that LGL has conducted a desktop review of the natural heritage conditions in the vicinity of the Kerr Street WPP to extend approximately 3 km into the lake, as part of <i>Environmental and Geomorphological Baseline Summary Report</i>. LR summarized that available information found to date and included in the reporting is largely focused on Sixteen Mile Creek and its associated valleylands and adjacent natural areas (identified as an Environmentally Sensitive Area). Digital data layers from Halton Region, Conservation Halton and MNRF were incorporated into the baseline conditions report. A copy of the mapping was provided to Conservation Halton staff. As well LR described that consultation with MNRF was initiated and aquatic species at risk (SAR) have the potential to occur in Lake Ontario in the vicinity of the project area. LR summarized by saying that data gaps as they relate to this project (with the assumption that no on site works will be required at 21 Kerr St. that would result in expansion or alteration to the existing footprint of the WPP) are primarily associated with aquatic habitat of the shoreline, nearshore and open water areas with the potential to be impacted by construction activities associated with an outfall extension or new outfall.</p>	
3b.	<p>Baseline Study – Plume Study and Geomorphology (GHD)</p> <p>JD began by describing the resources used to summarize baseline conditions as reported in <i>Environmental and Geomorphological Baseline Summary Report</i>, to include;</p> <ul style="list-style-type: none"> • Town of Oakville sediment management study; • Watershed pollutant load assessment for the Canadian side of the western basin of Lake Ontario; • Assimilative capacity study for the Mid-Halton WWTP expansion; • Lake data from Environment Canada; • Data from the Oakville WPP; • NOAA data for Lake Ontario bathymetry; and • Information regarding the preferred design for the Tannery and Waterworks Parks Shoreline Rehabilitation Class EA. <p>The conclusion of this portion of the baseline study was that additional data and analysis was required in order to further define the extent of the Sixteen Mile Creek plume to further consider how the problem of high turbidity within the existing intake might be best addressed.</p> <p>JD explained that this work has begun and is twofold:</p> <ol style="list-style-type: none"> 1. Field sampling of 2 rain events to collect data for suspended sediment concentrations at the water surface and at a depth of approximately 3m. The intent of this data is to calibrate the model using the first set of data and then use the second data set verify the model. JD explained that these sampling events were completed in the summer and fall of 2014 and provided Conservation Halton staff with some mapping of the extent of the plume for each event, and time series graphs of suspended sediment concentrations during those field investigations. JD noted that the NOAA bathymetry data available for the 	

Item:	Description:	Action By:
	<p>shoreline and nearshore area (as used in the baseline reporting described above) was not very accurate, but that as one moves away from shore the accuracy was much improved. This knowledge was gained by comparing field data collected in the summer/fall of 2014 to that available through NOAA.</p> <p>2. The second part of the work currently underway to further define the sediment plume using the MIKE3 Model to model the conditions in the lake in the vicinity of the WPP intake. This has included 29 scenarios using various discharge rates, water temperatures, currents, onshore and offshore wind directions, etc. in order to determine how often the plume interferes with the raw water intake of the plant. JD mentioned that data used in the model includes the shoreline re-shaping identified in the Town of Oakville Class EA for the area connecting Tannery and Waterworks Parks.</p> <p>JD described the challenge of quantifying the results of the modelling to then determine what would represent the best positioning of the raw water intake. The group is working on delineating the frequency of occurrence of the various outcomes to determine what area of the lake experiences the best conditions for positioning of a raw water intake. JD also commented that additional challenge lies in the determination of how much better is 'better' and what can be gained from a new or extended intake.</p> <p>Questions were asked regarding the current positioning of the WPP raw water intake. JD described the intake as located at the lake bed, approximately 880m offshore, at a depth of approximately 9.6m of water. JD mentioned that another possible solution for consideration is development of an early warning system so that plant operations could be adjusted in anticipation of plume interference with the intake. JD explained that a couple of hours is the necessary lead time for plant staff to make the adjustments that would be necessary. AJ confirmed that the WPP has the ability to adjust polymer dosing they just need the appropriate lead time to implement such a system of response.</p> <p>Some general discussion ensued at this point of the meeting to include the following questions/comments:</p> <ul style="list-style-type: none"> • Is the WPP intake screened for fish (SM)? AJ not sure, knows that the intake is treated for removal of zebra mussels periodically. AF commented that in past there has been some resistance to screening of similar intake structures because of complications with ice buildup and that in some cases rock cribs are used at the intake. • CH commented that changes to the intake itself can be made to offset changes in velocity by allowing for it to flare. • If intake changes are necessary (extension, new positioning of intake) then the Coastal Engineer at Conservation Halton will need to be involved in the project (PB). 	

Item:	Description:	Action By:
	<ul style="list-style-type: none"> • CH commented that evaluation of alternatives should that be the direction the project goes should consider how disruptive each alternative is during construction. Remember to document how minimizing sediment disturbance and footprint was considered. AJ responded by indicating that if an new or extended intake is identified as necessary, the project will follow a Schedule C process which will incorporate design alternatives and associated rationale. • SM recommended that if the project proceeds as a Schedule C Class EA, a pre-consultation workshop be organized to share information across experts as has been done for some other large Regional projects, where those with expertise in constructability (tunneling, crane staging, etc.) share information and are involved in determining outcome. • CH cautions that if the project proceeds as a Schedule C Class EA, consideration be provided for generation of fill materials. If fill is generated, where is it going? Often this is left for the contractor to deal with and it is difficult to find disposal sites. Consider coordinating Regional projects to move any generated fill material to where it is needed for another project. • PB indicated that Conservation Halton is willing to review EA information in a piecemeal fashion as it comes available so that they can provide meaningful input to guide the process. • SM commented on the benefits of being able to manage the Oakville WPP in an adaptive way (should that be determined to be the case through the early warning system or other means) and avoid the need for disruption in the lake associated with construction. 	
4.	<p>Data Gaps (LGL and GHD) These were identified in discussion related to Items #3a and #3b above.</p>	
5.	<p>Project Scheduling and Milestones (exp) The progression of the project was described by AJ as: Phase 1 – collection of baseline information (completed) and determination of extent and location of sediment plume, Phase 2 –Evaluation to confirm if the WPP is capable of performing at the re-rated capacity of 130 ML/d with the existing intake. This is anticipated to be determined by Feb/March of 2015. Once this is determined the team will know if the project will proceed as a Schedule B or a Schedule C Class EA. Jan 2015 – tentative timing of first SAC meeting</p>	
6.	<p>Approvals and Permitting (Conservation Halton) PB indicated that should works in the lake or within the Regulation Limit be proposed as part of this project, further consultation regarding Permitting would be necessary.</p>	
7.	<p>Next Steps See details below under Action Items for AJ and LR.</p>	AJ to contact Halton Region to receive 'sign off' prior to

Minutes of Meeting



Item:	Description:	Action By:
		submission of baseline report to Conservation Halton.

Action Items:

Item	Performed By	Description	Date Closed	Comments
1	LR	Contact LOMU to determine availability of fisheries data for study area (Lake Ontario and Sixteen Mile Creek).	Nov 4, 2011	Jim Bowlby at the LOMU indicated that the group gillnetted in 2014 at a site off of Port Credit that had not been sampled since the 1980s. This data is yet to be summarized and will not be available until the annual report is released in March 2015. Jim did provide gillnet, trawl data and angling data at Oakville harbor dating from early 1990s. The most recent data available at this time is the 1997-2005 data for the monthly distribution of salmon and trout in the Hamilton and Port Credit sectors (Oakville is close to the dividing line). This data was provided and will be added to fish species list in the baseline report.
2	LR	Contact DFO to confirm extent of involvement at this and subsequent stages of the EA.	Nov 4, 2011	Further discussion with the project team determined that contact has been made with Gary Cooper at DFO (Nov. 3, 2014) who has indicated that DFO involvement in the project would be further along in the EA process, once project details are known. At that time, the proponent is directed to consult the DFO website to fill in a 'Request for Review' should we have something for them to review in relation to the project.
3	AJ	Contact Halton Region to determine if baseline report is ready for Conservation Halton review.		In the monthly review meeting held, AJ advised Region of the need to finalize and send the report to CH for initial review. Region will provide its review comments to facilitate finalization of the same.

Jean Louis Gaudet

From: Arun Jain
Sent: February-25-15 12:23 PM
To: Jean Louis Gaudet
Cc: Jesse.Newton@ghd.com
Subject: FW: Drinking Water Works Application Package for Oakville WPP Testing ~COR-086979~
Attachments: PR2989A_086979_DWWP-Application-Form.PDF; PR2989A_086979_LTR-Cover-DWWP-Application.PDF

Follow Up Flag: Follow up
Flag Status: Flagged



Arun P. Jain, P.Eng., M.Eng.

Practice Lead - Linear Infrastructure, Central Ontario
exp Services Inc.
t: +1.905.793.9800 x2373 | m: +1.647.248.9104 | e: arun.jain@exp.com
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From: Jesse Newton [<mailto:Jesse.Newton@ghd.com>]
Sent: Wednesday, February 25, 2015 12:19 PM
To: Arun Jain
Cc: chunter@croworld.com
Subject: FW: Drinking Water Works Application Package for Oakville WPP Testing ~COR-086979~

Hi Arun,

Please see attached for your records. I've misplaced JL's email, please forward to him as well. Thank you.

Jesse Newton
Water & Wastewater

GHD

T: 905 752 4333 | F: 905 752 4301 | V: 884333 | jesse.newton@ghd.com
11 Allstate Parkway Suite 310 Markham ON L3R 9T8 | www.ghd.com
[WATER](#) | [ENERGY & RESOURCES](#) | [ENVIRONMENT](#) | [PROPERTY & BUILDINGS](#) | [TRANSPORTATION](#)

From: Hunter, Chris [<mailto:chunter@croworld.com>]
Sent: Monday, February 16, 2015 4:07 PM

To: Jesse Newton

Subject: FW: Drinking Water Works Application Package for Oakville WPP Testing ~COR-086979~

FYI

These can be forwarded to Arun and JL

Chris Hunter, P. Eng., PMP Phone: 519.884.0510
Conestoga-Rovers & Associates Direct: 519.884.7780 x 7234
Mailing Address: Fax: 519.884.5256
651 Colby Drive, Waterloo, ON N2V 1C2 Mobile: 519.590.8805
Office Address: Email: chunter@CRAworld.com
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From: Kochmar, Teodor [<mailto:Teodor.Kochmar@halton.ca>]

Sent: Friday, January 09, 2015 10:54 AM

To: Hunter, Chris

Cc: Newman, Robert; arun.jain@exp.com; Hao, Xiao Jun (Jean); Johnson, Clayt GHD; Project Email Filing

Subject: RE: Drinking Water Works Application Package for Oakville WPP Testing ~COR-086979~

Hi Chris – please see attached, the cover letter and the application form, both signed. I will give you the hard copies/originals on Tuesday. And also should have the cheque ready around that time.

In the cover letter I made some minor changes – added a note about our intent to submit a separate application to temporarily increase PTTW, and change the reference project # to the Region's #.

In the application form, in Section 9 I checked off Schedule B box (Schedule C was checked off). And in Section 21, I added the fee for Technical Review (since Jamie will likely have to review the application and attached memos). I will make a cheque out for \$800.00.

If you have any additional comments/questions, please let me know.

Regards,

Teodor Kochmar, P.Eng., PMP
Halton Region
(905) 825-6000 x 7637

From: Hunter, Chris [<mailto:chunter@croworld.com>]

Sent: Tuesday, January 06, 2015 2:44 PM

To: Kochmar, Teodor

Cc: Newman, Robert; arun.jain@exp.com; Hao, Xiao Jun (Jean); Johnson, Clayt GHD; Project Email Filing

Subject: Drinking Water Works Application Package for Oakville WPP Testing ~COR-086979~

Good Day Teodor,

Please find attached Drinking Water Works Application Package for Oakville WPP testing.

The following information has been provided in this package:

- Cover letter in word format
- Application Forms for Drinking Water Works Permits for your review and edit

- Attachment A – Facility Testing Plan
- Attachment B – Technical Baseline Review Memo
- Attachment C – Notice of Project Class EA

Please let me know if you have any modifications and if anything else is required in order to make the submission to the MOEE.

Will the Region make the submission or would you like us to complete on the Region’s behalf?

Regards,

Chris

Chris Hunter, P. Eng., PMP	Phone: 519.884.0510
Conestoga-Rovers & Associates	Direct: 519.884.7780 x 7234
<u>Mailing Address:</u>	Fax: 519.884.5256
651 Colby Drive, Waterloo, ON N2V 1C2	Mobile: 519.590.8805
<u>Office Address:</u>	Email: chunter@CRAworld.com
435 King Street North, Waterloo, ON N2J 2Z5	

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Jean Louis Gaudet

From: Hao, Xiao Jun (Jean) <xhao@croworld.com>
Sent: February-11-15 10:15 AM
To: Filman, Jamie (MOECC)
Cc: Hunter, Chris; Newton, Jesse GHD
Subject: RE: Halton - Oakville WTP - DWWP Application - Temporary Facility Re-Rating ~COR-086979~

Thanks a lot Jamie.

Have a good Day!

Xiaojun (Jean) Hao P. Eng.
Conestoga-Rovers & Associates (CRA)
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Waterloo, ON N2V 1C2 Fax: 519.884.5256
www.croworld.com Email: xhao@CRAworld.com
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From: Filman, Jamie (MOECC) [mailto:Jamie.Filman@ontario.ca]
Sent: Wednesday, February 11, 2015 9:46 AM
To: Hao, Xiao Jun (Jean)
Cc: Newman, Robert (Robert.Newman@halton.ca)
Subject: RE: Halton - Oakville WTP - DWWP Application - Temporary Facility Re-Rating ~COR-086979~

Hi Jean,

We have almost completed our review and will be issuing an approval letter shortly. We are awaiting comments from our District Office.

Jamie

Jamie Filman, P. Eng.
Senior Water Engineer
Ministry of the Environment and Climate Change
Approvals and Licensing Section
Safe Drinking Water Branch
40 St. Clair Avenue West, 2nd Floor
Toronto, ON M4V 1M2
p 416-314-7650
f 416-212-7576

From: Hao, Xiao Jun (Jean) [mailto:xhao@croworld.com]
Sent: February-11-15 9:38 AM
To: Filman, Jamie (MOECC)
Cc: Project Email Filing; Hunter, Chris; Newton, Jesse GHD
Subject: RE: Halton - Oakville WTP - DWWP Application - Temporary Facility Re-Rating ~COR-086979~

Good morning Jamie,

I would like to follow up with you regarding our Application for the Temporary Facility Re-Rating. (Please see below e-mail)

Please let me know if you have any questions or require additional information.

Your attention to this matter is appreciated.

Regards,

Xiaojun (Jean) Hao P. Eng.

Conestoga-Rovers & Associates (CRA)

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Waterloo, ON N2V 1C2 Fax: 519.884.5256

www.craworld.com Email: xhao@CRAworld.com

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From: Hunter, Chris

Sent: Tuesday, January 13, 2015 9:59 PM

To: jamie.filman@ontario.ca

Cc: Kochmar, Teodor; Johnson, Clayt GHD; Newton, Jesse GHD; Hao, Xiao Jun (Jean); Newman, Robert (Robert.Newman@halton.ca); Project Email Filing

Subject: Halton - Oakville WTP - DWWP Application - Temporary Facility Re-Rating ~COR-086979~

Good Day Jamie,

Please find attached our Application for the Temporary Facility Re-Rating as discussed at our December 11, 2014 pre-consultation meeting held at Halton Region Offices.

The intent of this application is to provide some flexibility in the plant capacity to allow for temporary testing of the facility at a rate in excess of the current rated capacity of 109 MLD. Our goal to be able to test the facility to a production capacity of 130 MLD.

The actual testing is planned to occur over 1-2 days however we have not identified when this testing would actually occur as we are waiting for existing plant works to be completed prior to commencing any testing. For this reason we have noted a window of time in which the testing could be completed (February 14 - October 1, 2015). Our plan is to advise the MOE a minimum of two weeks in advance of any planned testing once we receive approval.

A hard copy original will be forwarded.

Should you have any questions please do not hesitate to call.

Regards,

Chris

Chris Hunter, P. Eng., PMP

Phone: 519.884.0510

Conestoga-Rovers & Associates

Mailing Address:

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Office Address:

435 King Street North, Waterloo, ON N2J 2Z5

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Jean Louis Gaudet

From: Arun Jain
Sent: February-16-15 4:14 PM
To: Jean Louis Gaudet
Subject: Fwd: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~
Attachments: image001.gif; image001.gif; image001.gif
Follow Up Flag: Follow up
Flag Status: Flagged

Begin forwarded message:

From: "Hunter, Chris" <chunter@croworld.com>
Date: February 16, 2015 at 4:11:19 PM EST
To: "Kochmar, Teodor" <Teodor.Kochmar@halton.ca>
Cc: "Newton, Jesse GHD" <Jesse.Newton@ghd.com>, "Hao, Xiao Jun (Jean)" <xhao@croworld.com>, "arun.jain@exp.com" <arun.jain@exp.com>
Subject: FW: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~

Teo,

Helen from the MOECC would like a letter from the Permit Holder in order to prepare a letter as noted in her email below.

Her email was unfortunately placed in my spam folder.

Would you like us to draft the letter?

Regards,

Chris

Chris Hunter, P. Eng., PMP
Conestoga-Rovers & Associates

Mailing Address:
651 Colby Drive, Waterloo, ON N2V 1C2
Office Address:
435 King Street North, Waterloo, ON N2J 2Z5

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Mobile: 519.590.8805
Email: chunter@CRAworld.com

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From: Zhang, Helen (MOECC) [<mailto:Helen.Zhang@ontario.ca>]
Sent: Friday, January 23, 2015 2:22 PM
To: Hunter, Chris
Subject: RE: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~

Hi Chris,

Thanks for the detailed information. I will need your client, the Permit Holder, to send me a simple letter for this request though. I will then issue a Director's Letter to approve this request and that will form part of the permit. As I indicated earlier, I don't have any technical concern for the increased taking based on the information you provided. You should be able to get the letter from me fairly quickly once I receive the letter from the Permit Holder. Any question please let me know, thanks.

Helen

Helen Zhang, P.Eng

Supervisor | Water Resources Unit | Central Region | Ministry of the Environment and Climate Change
5775 Yonge Street, 8th Floor, Toronto, ON, M2M 4J1
TEL: 416-326-3763 | FAX: 416-325-6347 | helen.zhang@ontario.ca | www.ene.gov.on.ca



Please consider the environment before printing this email

From: Hunter, Chris [<mailto:chunter@croworld.com>]
Sent: January-21-15 10:06 AM
To: Zhang, Helen (MOECC)
Cc: Project Email Filing; Hao, Xiao Jun (Jean)
Subject: RE: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~

Good Day Helen,

Thank you for your call.

As you indicated in your voicemail the period of time for higher withdraw rates from the Lake Ontario would be limited to 3 hours. At the present time we are working out when we will be able to complete the test but hoping we can have this completed before the end of February 2015.

We will require some flexibility in the timing of the test as there is a possibility that we will commence the test but it will need to be cancelled for any number of other issues which may arise (example. Pump failure, distribution issues, etc).

We would appreciate a letter that would indicate permission to complete short term testing. Some sample wording is provided below

1. The Region may complete temporary facility testing at elevated levels of withdraw up to a maximum of 143 ML/day for a period of 3 hours. This temporary testing may be completed at higher withdraw rates on no more than 5 separate occasions taking place on separate calendar days between February 14, 2015 and October 1, 2015.
2. The Region shall notify the MOE (note specific person and contact number if possible) one week in advance of testing date.

Please let me know at your earliest convenience if you will require any other information.

Regards,

Chris

Chris Hunter, P. Eng., PMP

Conestoga-Rovers & Associates

Mailing Address:

651 Colby Drive, Waterloo, ON N2V 1C2

Office Address:

435 King Street North, Waterloo, ON N2J 2Z5

Phone: 519.884.0510

Direct: 519.884.7780 x 7234

Fax: 519.884.5256

Mobile: 519.590.8805

Email: chunter@CRAworld.com

 www.CRAworld.com

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From: Thorsley, Ryan (MOECC) [<mailto:Ryan.Thorsley@ontario.ca>]

Sent: Thursday, January 15, 2015 10:53 AM

To: Hunter, Chris; Zhang, Helen (MOECC)

Cc: Project Email Filing; Kochmar, Teodor; Hao, Xiao Jun (Jean)

Subject: RE: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~

Hi Chris,

As discussed, the best person to address your request is Helen Zhang, Supervisor of our Water Resources Unit in Central Region's Technical Support Section. I have included her in this response and she can be reached directly at 416-326-3763.

Regards.

Ryan Thorsley, MBA, B.A.Sc, EP

District Supervisor | Halton-Peel District

Ontario Ministry of the Environment and Climate Change

4145 North Service Road, Unit 300, Burlington, ON L7L 6A3

T: 905-319-1389 | F: 905-319-9902 | E: ryan.thorsley@ontario.ca

From: Hunter, Chris [<mailto:chunter@croworld.com>]

Sent: January-15-15 10:15 AM

To: Thorsley, Ryan (MOECC)

Cc: Project Email Filing; Kochmar, Teodor; Hao, Xiao Jun (Jean)

Subject: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~

Good Day Ryan,

Thank you very much for your discussions today and your assistance and guidance provided.

The Region is initiating a Municipal Class Environmental Assessment (EA) Study that will assess, test and evaluate various plant components so Halton Region can obtain approval from the Ontario Ministry of the Environment and Climate Change to rerate the Oakville WPP production to 130 ML/d.

The study is being conducted in accordance with Schedule B of the Municipal Class EA process (October 2000, amended 2007 and 2011), which is approved under the Ontario Environmental Assessment Act. In addition to obtaining approval for re-rating of the plant the study will evaluate the high turbidity events and consider plant-based or intake modification-based solutions to address the problem.

In order to perform re-rating the Region would like to complete a facility capacity test and has developed a comprehensive testing plan on how this testing will occur.

The performance test will require the WPP to operate at a production rate of 130 ML/d for a recommended duration of three hours. To account for production losses estimated at 10%, it is anticipated that the WPP will need to withdraw at a rate of 143 ML/d. Table 1 summarizes the withdrawal and production rates for the Oakville WPP, comparing the permitted rates against those anticipated during the performance test.

- Water withdrawals from Lake Ontario are permitted at a maximum daily rate of 120 ML/d and maximum minutely withdrawal rate of 83,333 L/min. During the performance test, the anticipated minutely withdrawal rate is 99,306 L/min.
- At withdrawal and production rates of 143 ML/d (anticipated) and 130 ML/d, respectively, for a duration of three hours, the WPP will withdraw 17.875 ML to produce 16.25 ML.

Table 1 Summary of permits and flow rates for the performance test

Item	Withdrawal (anticipated)	Production (net)
Permit(s)	Permit To Take Water no. 8886-8QSMWC, dated January 5, 2012, expires January 31, 2022	Amended Certificate of Approval no. 6260-7BMQHC, dated February 22, 2008; Municipal Drinking Water Licence no. 004-104 Issue no. 9, dated September 22, 2014
Permit allowance, daily (minute)	120 ML/d (83,333 L/min)	109 ML/d (no restrictions)
Performance test duration	3 hours	3 hours
Performance test flowrates, daily, hourly, minutely	143,000,000 L/d 5,958,333 L/hr 99,306 L/min	130,000,000 L/d 5,416,667 L/d 90,278 L/min
Performance test volumes	17.875 ML	16.25 ML
Remaining daily volumes as per permits	102.125 ML	92.75 ML

The proposed test will begin immediately after the morning demand period starts to pass. The Region could allow the morning demand and the evening demand from the day before, to draw down the distribution system reservoirs to provide the necessary storage for the performance test.

At this time we are looking to obtain a temporary increase in our PTTW to permit this short term testing to occur. Our testing period is currently planned to occur between February 14, 2015 and October 1, 2015 with our goal to have the testing completed as early as possible.

Once the testing and Class EA study is successfully completed, separate applications will be submitted in order to permanently re-rate the facility both from a PTTW perspective as well as a DWWP perspective.

We are looking for advise on the ability to obtain a temporary amendment of the PTTW understanding that it is controlled and only required for a short duration.

Regards,

Chris

Chris Hunter, P. Eng., PMP
Conestoga-Rovers & Associates

Mailing Address:

651 Colby Drive, Waterloo, ON N2V 1C2

Office Address:

435 King Street North, Waterloo, ON N2J 2Z5

Phone: 519.884.0510

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Fax: 519.884.5256

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Email: chunter@CRAworld.com

 [Professional Profile](#) www.CRAworld.com

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Jean Louis Gaudet

From: Arun Jain
Sent: February-16-15 4:13 PM
To: Jean Louis Gaudet
Subject: Fwd: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~
Attachments: image001.gif; image001.gif; image001.gif
Follow Up Flag: Follow up
Flag Status: Flagged

Begin forwarded message:

From: "Hunter, Chris" <chunter@croworld.com>
Date: February 16, 2015 at 4:08:08 PM EST
To: "arun.jain@exp.com" <arun.jain@exp.com>
Cc: "Newton, Jesse GHD" <Jesse.Newton@ghd.com>, "Kochmar, Teodor" <Teodor.Kochmar@halton.ca>
Subject: FW: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~

Arun,
For communication log.
FYI below

Chris Hunter, P. Eng., PMP	Phone: 519.884.0510
Conestoga-Rovers & Associates	Direct: 519.884.7780 x 7234
<u>Mailing Address:</u>	Fax: 519.884.5256
651 Colby Drive, Waterloo, ON N2V 1C2	Mobile: 519.590.8805
<u>Office Address:</u>	Email: chunter@CRAworld.com
435 King Street North, Waterloo, ON N2J 2Z5	

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From: Hao, Xiao Jun (Jean)
Sent: Wednesday, February 11, 2015 9:25 AM
To: Zhang, Helen (MOECC)
Cc: Project Email Filing; Hunter, Chris
Subject: RE: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~
Good Morning Helen,
I would like to follow up with you regarding the letter for Oakville WPP short term testing. (Please see below e-mail)
We would appreciate a letter at your earliest convenience.
Please let me know if you require any other information.
Regards,

Xiaojun (Jean) Hao P. Eng.

Conestoga-Rovers & Associates (CRA)

651 Colby Drive Phone: 519.884.0510

Waterloo, ON N2V 1C2 Fax: 519.884.5256

www.craworld.com Email: xhao@CRAworld.com

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From: Hunter, Chris

Sent: Wednesday, January 21, 2015 10:06 AM

To: Zhang, Helen (MOECC)

Cc: Project Email Filing; Hao, Xiao Jun (Jean)

Subject: RE: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~
Good Day Helen,

Thank you for your call.

As you indicated in your voicemail the period of time for higher withdraw rates from the Lake Ontario would be limited to 3 hours. At the present time we are working out when we will be able to complete the test but hoping we can have this completed before the end of February 2015.

We will require some flexibility in the timing of the test as there is a possibility that we will commence the test but it will need to be cancelled for any number of other issues which may arise (example. Pump failure, distribution issues, etc).

We would appreciate a letter that would indicate permission to complete short term testing. Some sample wording is provided below

1. The Region may complete temporary facility testing at elevated levels of withdraw up to a maximum of 143 ML/day for a period of 3 hours. This temporary testing may be completed at higher withdraw rates on no more than 5 separate occasions taking place on separate calendar days between February 14, 2015 and October 1, 2015.
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Regards,

Chris

Chris Hunter, P. Eng., PMP

Conestoga-Rovers & Associates

Mailing Address:

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Office Address:

435 King Street North, Waterloo, ON N2J 2Z5

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Phone: 519.884.0510

Direct: 519.884.7780 x 7234

Fax: 519.884.5256

Mobile: 519.590.8805

Email: chunter@CRAworld.com

From: Thorsley, Ryan (MOECC) [<mailto:Ryan.Thorsley@ontario.ca>]

Sent: Thursday, January 15, 2015 10:53 AM

To: Hunter, Chris; Zhang, Helen (MOECC)

Cc: Project Email Filing; Kochmar, Teodor; Hao, Xiao Jun (Jean)

Subject: RE: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~
Hi Chris,

As discussed, the best person to address your request is Helen Zhang, Supervisor of our Water Resources Unit in Central Region's Technical Support Section. I have included her in this response and she can be reached directly at 416-326-3763.

Regards.

Ryan Thorsley, MBA, B.A.Sc, EP

District Supervisor | Halton-Peel District

Ontario Ministry of the Environment and Climate Change

4145 North Service Road, Unit 300, Burlington, ON L7L 6A3

T: 905-319-1389 | F: 905-319-9902 | E: ryan.thorsley@ontario.ca

From: Hunter, Chris [<mailto:chunter@croworld.com>]

Sent: January-15-15 10:15 AM

To: Thorsley, Ryan (MOECC)

Cc: Project Email Filing; Kochmar, Teodor; Hao, Xiao Jun (Jean)

Subject: Oakville WPP - PTTW - (reference Permit To Take Water# 8886-8QSMWC). ~COR-086979~

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Regards,
Chris

Chris Hunter, P. Eng., PMP
Conestoga-Rovers & Associates

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Office Address:

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Mobile: 519.590.8805

Email: chunter@CRAworld.com

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Jean Louis Gaudet

From: Newman, Robert <Robert.Newman@halton.ca>
Sent: June-12-15 8:12 AM
To: Kochmar, Teodor
Subject: FW: Update on OWPP Stress Test - May 5th-15 - SCADA set points

For your records.

Thanks.

Rob

Robert Newman

Senior Project Manager - Regulatory Compliance
Office of the Commissioner, Public Works
Tel: 905-825-6000 ext.7697
Toll Free: 1-866-4HALTON (1-866-442-5866)
Fax: 905-825-0267
Cell: 905-484-1643
Email: robert.newman@halton.ca



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Thank you

From: Filman, Jamie (MOECC) [mailto:Jamie.Filman@ontario.ca]
Sent: Wednesday, May 13, 2015 10:44 AM
To: Newman, Robert
Cc: Hoy, Debbie (MOECC)
Subject: RE: Update on OWPP Stress Test - May 5th-15 - SCADA set points

Rob,

Thanks for the update and I'm very glad that things went as well as they did. We look forward to the test report and the eventual possible application to amend the rated capacity in the Licence.

Regards,

Jamie

Jamie Filman, P. Eng.
Senior Water Engineer
Ministry of the Environment and Climate Change
Approvals and Licensing Section
Safe Drinking Water Branch
40 St. Clair Avenue West, 2nd Floor
Toronto, ON M4V 1M2
416-314-7650

From: Newman, Robert [<mailto:Robert.Newman@halton.ca>]
Sent: May-13-15 10:28 AM
To: Filman, Jamie (MOECC); Hoy, Debbie (MOECC)
Subject: Update on OWPP Stress Test - May 5th-15 - SCADA set points

Good morning Jamie and Debbie,

I am following up on the Oakville WPP stress test from May 5th/15. I've attached a couple of SCADA screen shots to validate that the current OWPP alarms and trips (i.e. HIHI set points) based on flow have returned to a level that ensures the plant is compliant with the current drinking water license (109 MLD rated capacity) and permit to take water (120 MLD max day water taking). These flow alarms were the only ones adjusted to facilitate the increased production and the reset of alarms to normal operating conditions occurred on May 5th, 2015 at 1700 hours.

The test was completed as scheduled without any major obstacles and the plant performed very well to handle the higher flow rates through the treatment processes. The next step in the project will be a report from the consultants to highlight the results from that test which will be shared with the MOECC and included in the Class EA Report. This document will form part of the technical information package submitted in support of the Region's future applications for license and permit amendments.

I will keep you apprised of any significant project updates and milestones as we move forward.

Regards;

Rob

Robert Newman

Senior Project Manager - Regulatory Compliance
Office of the Commissioner, Public Works
Tel: 905-825-6000 ext.7697
Toll Free: 1-866-4HALTON (1-866-442-5866)
Fax: 905-825-0267
Cell: 905-484-1643
Email: robert.newman@halton.ca



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the intended recipient or have received this message in error, please notify us immediately and permanently delete the original transmission without making a copy.

Thank you

Jean Louis Gaudet

From: Kochmar, Teodor <Teodor.Kochmar@halton.ca>
Sent: May-26-15 9:43 AM
To: Hunter, Chris (chunter@craworld.com); Jean Louis Gaudet; Newton, Jesse GHD (Jesse.Newton@ghd.com); mudassar.muhammad@hatchmott.com
Cc: Arun Jain
Subject: FW: SAC #1 Follow Up - Oakville WPP PR2989

Hi team – please see below from Conservation Halton regarding construction window on Lake Ontario. The lake is classified as “coldwater” and as such the allowed window for construction is between Sept. 15th and June 30th.

Regards,

Teodor Kochmar, P.Eng., PMP
Halton Region
(905) 825-6000 x 7637

From: Paul Bond [mailto:pbond@hrca.on.ca]
Sent: Monday, May 25, 2015 11:28 AM
To: Kochmar, Teodor
Cc: arun.jain@exp.com
Subject: SAC #1 Follow Up - Oakville WPP PR2989

Hi Teodor,

I’m just following up on the in-water works fisheries timing window restriction for this project.

CH staff have discussed the project with Marc Desjardins at the OMNRF Lake Ontario Unit office. They have confirmed that they would broadly classify this location as coldwater (i.e. no in-water work between **September 15th and June 30th**). It *may* be possible to scope the timing window restriction to Oct. 1 to May 31, but that would have to be determined once we have more details about project phasing, installation methods, etc., and then further discussion with MNRF staff to confirm afterward.

Could you please pass this e-mail on to Kasia Piskorz at the Town of Oakville as I do not have his contact information.

Cheers,

Paul.

Paul Bond
Environmental Planner
Conservation Halton
t: 905-336-1158 ext. 2257 | f: 905-336-6684
2596 Britannia Road West
Burlington ON L7P 0G3
e-mail: pbond@hrca.on.ca
www.conservationhalton.ca

Jean Louis Gaudet

From: Arnel Fausto <afausto@lglcambridge.com>
Sent: June-12-15 1:14 PM
To: Arun Jain
Cc: Jean Louis Gaudet
Subject: FW: Re-rating of Oakville WPP EA Introductory Meeting Nov. 3, 2014 - Minutes
Attachments: MeetingMinutes_2014Nov03_final.pdf

This is the email sent to CH. Paul Bond responded via email Nov 17 below.

From: Lynette Renzetti
Sent: November-27-14 9:42 AM
To: 'Paul Bond'; Holly Anderson; Sarah Matchett; Cory Harris
Cc: Arun.Jain@exp.com; Jeff.Doucette@ghd.com; Arnel Fausto
Subject: RE: Re-rating of Oakville WPP EA Introductory Meeting Nov. 3, 2014 - Minutes

Good Morning

Attached is the final version of the Meeting Minutes from the Nov. 3rd meeting. The only comments received in response to the original version were those below from Paul. The items below have now been incorporated into this revised version of the minutes.

Paul, once you have had a chance to review the changes made on page 5 of the attached, please confirm that these items have been revised to accurately reflect your comments.

Thank you,

Lynette



Lynette Renzetti, B.Sc. (Hons.)
Planning Ecologist

LGL Limited

445 Thompson Drive, Unit 2
Cambridge ON
Tel: 519-622-3300 #22
Fax: 519-622-3310

From: Paul Bond [<mailto:pbond@hrca.on.ca>]
Sent: November-17-14 11:53 AM
To: Lynette Renzetti; Holly Anderson; Sarah Matchett; Cory Harris
Cc: Arun.Jain@exp.com; Jeff.Doucette@ghd.com; Arnel Fausto
Subject: RE: Re-rating of Oakville WPP EA Introductory Meeting Nov. 3, 2014 - Minutes

Hi Lynette,

Thank-you for providing these minutes, the detail is appreciated. Some minor clarification is offered below.

Re: item 2, bullet point 7 - "PB indicated that Conservation Halton is willing to review EA information in a piecemeal fashion as it comes available so that they can provide meaningful input to guide the process". What I had expressed was our desire to receive the technical information from your group as it became available in order that we could provide you with more effective and constructive feedback leading up to the SAC meeting and the EA direction. This would include any additional plume/sedimentation study; plant calibration information as it relates to the re-rating application (ie: is it feasible?); any existing intake pipe information that might be available and so on. If you could please remove reference to "piecemeal fashion" and incorporate some of the above wording which reflects the discussion more appropriately.

Item 6: I had confirmed that a CH Permit *will be* required for in-water works, and that further discussion would be required once the details/nature of the works were known (ie: modify existing intake pipe/extend existing pipe/replace pipe altogether). Please amend this item to reflect this.

I will leave further review and comment of the minutes to our individual team members to confirm directly with you.

Thanks Lynette,

Paul.

Paul Bond

Environmental Planner

Conservation Halton

t: 905-336-1158 ext. 2257 | f: 905-336-6684

2596 Britannia Road West

Burlington ON L7P 0G3

e-mail: pbond@hrca.on.ca

www.conservationhalton.ca

From: Lynette Renzetti [<mailto:L.Renzetti@lglcambridge.com>]

Sent: Monday, November 17, 2014 10:10 AM

To: Paul Bond; Holly Anderson; Sarah Matchett; Cory Harris

Cc: Arun.Jain@exp.com; Jeff.Doucette@ghd.com; Arnel Fausto

Subject: Re-rating of Oakville WPP EA Introductory Meeting Nov. 3, 2014 - Minutes

Good Morning

Attached are the minutes of the November 3rd meeting at Conservation Halton to introduce and discuss the EA for the Re-rating of the Oakville WPP. If you have any questions or comments please let me know by Monday Nov. 24th.

Kind Regards,

Lynette



Lynette Renzetti, B.Sc. (Hons.)

Planning Ecologist

LGL Limited

445 Thompson Drive, Unit 2

Cambridge ON

Tel: 519-622-3300 #22

Fax: 519-622-3310

Jean Louis Gaudet

From: Kochmar, Teodor <Teodor.Kochmar@halton.ca>
Sent: July-22-15 10:16 AM
To: kasia.piskorz@oakville.ca; Paul Bond (pbond@hrca.on.ca)
Cc: Arun Jain; Jean Louis Gaudet; Hunter, Chris (chunter@croworld.com); Newton, Jesse GHD (Jesse.Newton@ghd.com); rmistry@oakville.ca; tlabuda@hrca.on.ca
Subject: Oakville WPP Class EA - SAC #1 Meeting Minutes
Attachments: Oakville WPP Class EA - SAC 1 Minutes (2015July 10).pdf

Good morning,

Attached, kindly find the meeting minutes from the SAC #1 meeting that took place on Tuesday, May 12th. For any errors, omissions or questions, please let me know.

Best regards,

Teodor Kochmar, P.Eng., PMP
Project Manager – Plant Capital and Engineering
Public Works Department
Regional Municipality of Halton

1151 Bronte Road, Oakville, ON L6M 3L1
Tel: 905-825-6000 ext. 7637
Toll Free: 1-866-442-5866
Fax: 905-825-8822
Website: www.halton.ca

Jean Louis Gaudet

From: Paul Bond <pbond@hrca.on.ca>
Sent: July-31-15 2:45 PM
To: Kochmar, Teodor; kasia.piskorz@oakville.ca
Cc: Arun Jain; Jean Louis Gaudet; Hunter, Chris (chunter@croworld.com); Newton, Jesse GHD (Jesse.Newton@ghd.com); rmistry@oakville.ca; Teresa Labuda
Subject: RE: Oakville WPP Class EA - SAC #1 Meeting Minutes

Thank-you for the meeting minutes Teo. I have reviewed them and have no further comments.

Paul.

Paul Bond
Environmental Planner
Conservation Halton

t: 905-336-1158 ext. 2257 | f: 905-336-6684
2596 Britannia Road West
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Cc: Arun Jain (Arun.Jain@exp.com); Jean Louis Gaudet (jeanlouis.gaudet@exp.com); Hunter, Chris (chunter@croworld.com); Newton, Jesse GHD (Jesse.Newton@ghd.com); rmistry@oakville.ca; Teresa Labuda
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Teodor Kochmar, P.Eng., PMP
Project Manager – Plant Capital and Engineering
Public Works Department
Regional Municipality of Halton

1151 Bronte Road, Oakville, ON L6M 3L1
Tel: 905-825-6000 ext. 7637
Toll Free: 1-866-442-5866
Fax: 905-825-8822
Website: www.halton.ca

Jean Louis Gaudet

From: Gillespie, Michelle <Michelle.Gillespie@halton.ca>
Sent: May-17-16 2:59 PM
To: Newton, Jesse GHD (Jesse.Newton@ghd.com)
Cc: Hunter, Chris (Chris.Hunter@ghd.com); Arun Jain; Jean Louis Gaudet
Subject: FW: E-MAIL -Town of Oakville - Water Purification - Stakeholder Advisory Committee Meeting #2 – Municipal Class Environmental Assessment for Oakville Water Purification Plant - PR-2989A - Letter A -2016-05-11
Attachments: Letter A-Town of Oakville - Water Purification 05-11-2016.pdf

Hi Jesse,
Please review the attached response to the SAC #2 meeting invitation from Canadian Environmental Assessment Agency.

Thanks,
Michelle

Michelle Gillespie

Project Manager II

Water & Wastewater Treatment

Public Works

Halton Region

905-825-6000, ext. 3309 | 1-866-442-5866



halton.ca 311

From: Bell, Angela
Sent: Tuesday, May 17, 2016 2:42 PM
To: Gillespie, Michelle
Subject: FW: E-MAIL -Town of Oakville - Water Purification - Stakeholder Advisory Committee Meeting #2 – Municipal Class Environmental Assessment for Oakville Water Purification Plant - PR-2989A - Letter A -2016-05-11

Hi Michelle,

Angela Bell

Administrative Assistant

Water & Wastewater Treatment

Public Works

Halton Region

905-825-6000, ext. 7926 | 1-866-442-5866

From: Ontario Region / Region d'Ontario (CEAA/ACEE) [<mailto:CEAA.ontario.ACEE@ceaa-acee.gc.ca>]
Sent: Tuesday, May 17, 2016 2:38 PM
To: Bell, Angela
Subject: E-MAIL -Town of Oakville - Water Purification - Stakeholder Advisory Committee Meeting #2 – Municipal Class Environmental Assessment for Oakville Water Purification Plant - PR-2989A - Letter A -2016-05-11

Dear Ms. Bell,

Please find letter attached.

Regards,
Rhiya

Rhiya Singh

Canadian Environmental Assessment Agency / Government of Canada
55 St. Clair Avenue East, Suite 907 Toronto ON M4T 1M2
CEAA.ontario.ACEE@ceaa-acee.gc.ca
Facsimile 416-952-1573

Agence canadienne d'évaluation environnementale / Gouvernement du Canada
55 avenue St. Clair Est pièce 907 Toronto ON M4T 1M2
CEAA.ontario.ACEE@ceaa-acee.gc.ca
Télécopieur 416-952-1573

From: Puvananathan,Anjala [CEAA]
Sent: May 5, 2016 11:44 AM
To: Ontario Region / Region d'Ontario (CEAA/ACEE)
Subject: DUTY OFFICER - Stakeholder Advisory Committee Meeting #2 – Municipal Class Environmental Assessment for Oakville Water Purification Plant - PR-2989A

-----Original Appointment-----

From: Bell, Angela [<mailto:Angela.Bell@halton.ca>]
Sent: May 5, 2016 9:59 AM
To: Bell, Angela; 'Anjala.puvananathan@ceaa-acee.gc.ca'
Subject: Invitation - Stakeholder Advisory Committee Meeting #2 – Municipal Class Environmental Assessment for Oakville Water Purification Plant - PR-2989A
When: May 25, 2016 9:30 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Oak Room - 1075 North Service Road West, Unit #27, Oakville

Good Morning Ms. Puvananathan,

Please find attached the Invitation along with Agenda for the upcoming Stakeholder Advisory Committee Meeting #2 – Municipal Class Environmental Assessment for Oakville Water Purification Plant Capacity Increase from 109 to 130 ML/d, Town of Oakville, Ward 2, Our File: PR - 2989A, scheduled for Wednesday, May 25th, 2016.

Kindly confirm your attendance by either accepting or declining this calendar invitation.

Thank you,

Angela Bell
Administrative Assistant to the Director of Water & Wastewater Treatment
Public Works
Halton Region
905-825-6000, ext. 7926 | 1-866-442-5866

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Thank you



Canadian Environmental
Assessment Agency

Ontario Regional Office
55 St. Clair Avenue East,
Room 907
Toronto, ON M4T 1M2

Agence canadienne
d'évaluation environnementale

Bureau régional de l'Ontario
55, avenue St-Clair est,
bureau 907
Toronto (Ontario) M4T 1M2

May 11, 2016

Sent by E-mail

Michelle Gillespie, P.Eng., Project Manager, Plant Capital & Engineering
Public Works Department, Water & Wastewater Treatment
1151 Bronte Road
Oakville ON L6M 3L1

Dear Ms. Gillespie:

Re: Information on the *Canadian Environmental Assessment Act, 2012*

Thank you for your correspondence of May 5th regarding the Stakeholder Advisory Committee Meeting #2 – Municipal Class Environmental Assessment for Oakville Water Purification Plant Capacity Increase from 109 to 130 ML/d, Town of Oakville, Ward 2, Our File: PR-2989A.

The *Canadian Environmental Assessment Act, 2012* (CEAA 2012) focuses federal environmental reviews on projects that have the potential to cause significant adverse environmental effects in areas of federal jurisdiction and applies to physical activities described in the *Regulations Designating Physical Activities* (the Regulations). Based on the information provided, your project does not appear to be described in the Regulations. **Kindly review the Regulations to confirm applicability to the proposed project.**

If you believe the project is not subject to a federal environmental assessment, and do not submit a project description, we kindly request that you remove the Canadian Environmental Assessment Agency from your distribution list.

If you have questions, please get in touch with our office through the switchboard at 416-952-1576. The attachment that follows provides web links to useful legislation, regulation, and guidance documents.

Sincerely,

Anjala Puvananathan
Director, Ontario Region
Canadian Environmental Assessment Agency

Attachment – Useful Legislation, Regulation, and Guidance Documents

Attachment – Useful Legislation, Regulation, and Guidance Documents

For more information on the *Canadian Environmental Assessment Act, 2012* (CEAA 2012), please access the following links on the Canadian Environmental Assessment Agency's (the Agency) website:

Overview of CEAA 2012

<http://www.ceaa.gc.ca/default.asp?lang=En&n=16254939-1>

Regulations Designating Physical Activities, and Prescribed Information for a Description of a Designated Project Regulations

<http://www.ceaa.gc.ca/default.asp?lang=En&n=9EC7CAD2-1>

If your project is in a federally designated wildlife area or migratory bird sanctuary please check section 1 of the Regulations, which details the designated projects specific to those locations.

If it appears that CEAA 2012 may apply to your proposed project, you must provide the Agency with a description of the proposed project. Please see the link below to the Agency's guide to preparing a project description.

Guide to Preparing a Description of a Designated Project

[http://www.ceaa.gc.ca/63D3D025-2236-49C9-A169-DD89A36DA0E6/Guide to Preparing a Description of a Designated Project under CEAA 2012.pdf](http://www.ceaa.gc.ca/63D3D025-2236-49C9-A169-DD89A36DA0E6/Guide%20to%20Preparing%20a%20Description%20of%20a%20Designated%20Project%20under%20CEAA%202012.pdf)



May 2, 2016

Anjala Puvananathan
Canadian Environmental Assessment Agency
55 St. Clair Avenue East, Suite 907
Toronto ON
M4T 1M2

Public Works Department
Water & Wastewater Treatment
1151 Bronte Road
Oakville ON L6M 3L1

Dear Ms. Puvananathan:

Re: Stakeholder Advisory Committee Meeting #2 – Municipal Class Environmental Assessment for Oakville Water Purification Plant Capacity Increase from 109 to 130 ML/d, Town of Oakville, Ward 2, Our File: PR-2989A

The Regional Municipality of Halton is conducting a Municipal Class Environmental Assessment (Class EA) for the purpose of increasing the production capacity of the Oakville Water Purification Plant (WPP) from 109 million litres per day (ML/d) to 130 ML/d. The Class EA is also investigating security of supply matters related to this facility (a) from occasional raw water high turbidity (i.e. sediment) episodes following periods of heavy rainfall and (b) from occasional power outages.

Halton Region will hold its second Stakeholder Advisory Committee (SAC) meeting for the Class EA on **Wednesday, May 25, 2016 from 9:30 a.m. to 12:00 p.m. at Halton Region, 1075 North Service Rd West, Unit 27, Oakville in the Oak Room.** As an invitee to the first SAC meeting in May 2015, we invite you to join us for this second SAC meeting. An agenda for the meeting is attached.

The purpose of SAC Meeting #2 will be to:

- Update you on the project and on activities completed to date;
- Review the alternative solutions and evaluation process, including the identification of the preliminary preferred alternative solution; and
- Share with you the information to be presented at the Public Information Centre scheduled for mid-June of this year.

We look forward to seeing you at SAC Meeting #2. If you have any questions, please do not hesitate to contact the undersigned or Arun Jain, Manager Linear Infrastructure and Class EA Lead of Exp Services Inc. at (905) 793-9800 Ext. 2373 or at arun.jain@exp.com.

Sincerely,

Michelle Gillespie, P.Eng.
Project Manager, Plant Capital & Engineering
Halton Region
Tel: 905-825-6000, ext.3309

Encl.

Regional Municipality of Halton

HEAD OFFICE: 1151 Bronte Rd, Oakville, ON L6M 3L1

905-825-6000 | Toll free: 1-866-442-5866



June 1, 2016

Public Works Department
Water & Wastewater Treatment
1151 Bronte Road
Oakville ON L6M 3L1

Dear Sir/Madam:

RE: NOTICE OF PUBLIC INFORMATION CENTRE – Municipal Class Environmental Assessment – Capacity Increase of the Oakville Water Purification Plant, Town of Oakville, Ward 2, Our File: PR-2989A

Halton Region is undertaking a Municipal Class Environmental Assessment (Class EA) study for the increase in capacity of the Oakville Water Purification Plant (WPP). The purpose of the study is to identify a preferred solution to meet the water servicing objectives for the South Halton area in accordance with the Sustainable Halton Water and Wastewater Master Plan (Master Plan), 2011. The study is also investigating potential risks to security of supply including occasional raw water turbidity episodes as the result of Sixteen Mile Creek influences. The Oakville WPP is located at 21 Kerr Street, Oakville. The Master Plan and supporting documentation are available at: www.halton.ca/watermasterplan.

The study is being conducted in accordance with Schedule B of the Municipal Class Environmental Assessment process (October 2000, amended 2007 and 2011), which is approved under the Ontario Environmental Assessment Act.

A Public Information Centre (PIC) for this study has been scheduled for:

Date: Thursday, June 9th, 2016
Time: 6:30 p.m. to 8:30 p.m.
Location: St. James Elementary School (Gymnasium)
255 Morden Road, Oakville

Representatives from the Region and its consultants will be present at the PIC in order to answer questions and discuss the next steps in the study.

The preliminary preferred solution is to achieve the capacity increase through rerating of the plant. This solution includes minor in-plant upgrades to optimize performance and implementation of a plant-based solution to address security of supply risks associated with raw water turbidity episodes. This solution has the least impact on the local community by avoiding large scale process changes and optimizing the plant within its existing footprint.

Halton Region is also undertaking a separate, stand-alone study considering additional risk to security of supply related to primary power interruptions. The study consists of a system-wide risk assessment to determine the need to implement a standby power system at the Oakville WPP. Information about this study will be available at the PIC.



Comments and information regarding the project are being collected to assist the project team in meeting the requirements of the Class EA process. Comments received through the course of the study will be considered in the final Project File for this study. With the exception of personal information, all written comments will become part of the public record.

If you have any accessibility issues, require special accommodation, or are unable to attend this PIC and wish to obtain information or provide written comments, please contact the undersigned or Arun Jain, Manager Linear Infrastructure and Class EA Lead of Exp Services Inc. at 905-793-9800, ext. 2373 or at arun.jain@exp.com. Please kindly submit any written comments by Friday, June 24, 2016.

Information updates on this study will also be posted on Halton Region's website at Halton.ca/EAs. For your information, a copy of the PIC notice is attached.

Thank you very much for your interest in the study.

Sincerely,

A handwritten signature in blue ink that reads "Michelle Gillespie".

Michelle Gillespie, P.Eng.
Project Manager, Plant Capital & Engineering
Tel: 905-825-6000, ext. 3309
Toll free: 1-866-442-5866
michelle.gillespie@halton.ca

Encl.

cc: David Andrews, C.E.T., M.Sc., Director, Water & Wastewater Treatment, Halton Region
Lisa De Angelis, MCIP, RPP, P.Eng., Director, Infrastructure Planning & Policy
Suzanne Boyd, P.Eng., LEED AP, Acting Manager of Plant Capital & Engineering Halton Region

NOTICE OF PUBLIC INFORMATION CENTRE

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT STUDY

Capacity Increase of the Oakville Water Purification Plant from 109 to 130 ML/d, Town of Oakville



The Process

The study is being conducted in accordance with Schedule B of the Municipal Class Environmental Assessment process (October 2000, amended 2007 and 2011), which is approved under the Ontario Environmental Assessment Act.

The preliminary preferred solution is to achieve the capacity increase through rerating of the plant. This solution includes minor in-plant upgrades to optimize performance and implementation of a plant-based solution to address security of supply risks associated with raw water turbidity episodes. This solution has the least impact on the local community by avoiding large scale process changes and optimizing the plant within its existing footprint.

Public Information Centre

As part of the study, a Public Information Centre (PIC) is planned to allow the public and interested stakeholders to learn more about the study and provide input and comments on the preliminary preferred alternative. Representatives from the Region and its consultant will be present at the PIC to answer questions and discuss next steps in the study.

Date: Thursday, June 9, 2016
Time: 6:30 – 8:30 p.m.
Location: St. James Elementary School (Gymnasium)
255 Morden Road, Oakville

Halton Region is also undertaking a separate, stand-alone study considering additional risk to security of supply related to primary power interruptions. The study consists of a system-wide risk assessment to determine the need to implement a standby power system at the Oakville WPP. Information about this study will be available at the PIC.

Comments

Comments and information regarding the project are being collected to assist the project team in meeting the requirements of the Class EA process. You are encouraged to attend the PIC and provide comments for the study. Comments received through the course of the study will be considered in the final Project File for this study. With the exception of personal information, all written comments will become part of the public record.

If you are unable to attend the PIC and would like to provide comments, please forward them by Friday, June 24, 2016 to either of the project team members listed below:

Arun P. Jain, M.Eng., P.Eng.
Manager, Linear Infrastructure and Class EA Lead
exp Services Inc.
1595 Clark Blvd.
Brampton, ON L6T 4V1
Phone: 905-793-9800 ext. 2373
Email: arun.jain@exp.com

Michelle Gillespie, P. Eng.
Project Manager, Plant Capital and Engineering
Halton Region
1151 Bronte Road
Oakville, ON L6M 3L1
Phone: 905-825-6000 ext. 3309
Email: michelle.gillespie@halton.ca

Background

Halton Region is undertaking a Municipal Class Environmental Assessment (Class EA) study for the increase in capacity of the Oakville Water Purification Plant (WPP). This project was identified in the Sustainable Halton Water and Wastewater Master Plan (Master Plan), completed in 2011, as part of the preferred water and wastewater servicing strategies for all urban service areas within Halton Region. The Master Plan and supporting documentation are available at: www.halton.ca/watermasterplan.

The Master Plan recommended that the existing capacity of the Oakville WPP, located at 21 Kerr Street, be increased from 109 million litres per day (ML/d) to 130 ML/d to ensure that the growing demand for drinking water within Halton Region for the 2031 planning horizon is met.

The Master Plan also identified the potential for an interrelated project to upgrade the plant intake. The plant is susceptible to raw water quality issues due to interference from Sixteen Mile Creek after rainfall events.

Problem Statement

The purpose of the Class Environmental Assessment study is to identify a preferred solution to meet the water servicing objectives for the South Halton area in accordance with the Sustainable Halton Water and Wastewater Master Plan, 2011. The study is also investigating potential risks to security of supply including occasional raw water quality issues as the result of Sixteen Mile Creek influences.



This notice was first issued on Thursday, June 2, 2016.
halton.ca/EAprojects

Jean Louis Gaudet

From: Bell, Trevor (MOECC) <Trevor.Bell@ontario.ca>
Sent: September-14-16 11:45 AM
To: Jean Louis Gaudet
Cc: Hunter, Chris <Chris.Hunter@ghd.com> (Chris.Hunter@ghd.com); Connell, Mark; Arun Jain; mudassar.muhammad@hatchmott.com; Graham, Amanda (MOECC)
Subject: RE: Halton Region Sched B Class EA - Oakville WPP Capacity Increase

Hi Jean-Louis,

That's an accurate recap of our conversation. We are fine with skipping a review of a draft version of the report. If any major concerns are identified during the 30-day review period following Notice of Completion, a response in writing that acknowledges/addresses our concerns will be sufficient.

With kind regards,
Trevor

Trevor Bell

Environmental Resource Planner and EA Coordinator
Technical Support Section | Central Region
Ministry of the Environment and Climate Change
5775 Yonge St., 8th Floor
Toronto, ON M2M 4J1
T: 416-326-3577
E: trevor.bell@ontario.ca

From: Jean Louis Gaudet [mailto:jeanlouis.gaudet@exp.com]
Sent: September-14-16 10:58 AM
To: Bell, Trevor (MOECC)
Cc: Hunter, Chris <Chris.Hunter@ghd.com> (Chris.Hunter@ghd.com); Connell, Mark; Arun Jain; mudassar.muhammad@hatchmott.com; Graham, Amanda (MOECC)
Subject: RE: Halton Region Sched B Class EA - Oakville WPP Capacity Increase

Hi Trevor,

Thanks so much for getting back to me so promptly.

Just to recap the conclusion of our conversation:

- Given the Ministry's involvement to date in this process and the anticipated low impact of the study conclusion, the Ministry is willing to forego its up-front review of the Project File Report and provide comments through the public review process.
- Any comments provided by the Ministry will need to be responded to/addressed by the Region/project team.

Thanks again,

Jean-Louis

Jean-Louis Gaudet | exp

Project Coordinator

t: +1.905.793.9809 x2344 | e: jeanlouis.gaudet@exp.com

1595 Clark Boulevard

Brampton, ON L6T 4V1

Canada

exp.com | [legal disclaimer](#)

keep it green, read from the screen

From: Jean Louis Gaudet

Sent: September-14-16 10:28 AM

To: Amanda.Graham@ontario.ca; trevor.bell@ontario.ca

Cc: Hunter, Chris <Chris.Hunter@ghd.com> (Chris.Hunter@ghd.com) <Chris.Hunter@ghd.com>; Connell, Mark <Mark.Connell@halton.ca>; Arun Jain <Arun.Jain@exp.com>; mudassar.muhammad@hatchmott.com

Subject: Halton Region Sched B Class EA - Oakville WPP Capacity Increase

Good morning, Ms. Graham / Mr. Bell,

Halton Region has completed the Schedule B Class Environmental Assessment study for the capacity increase of the Oakville Water Purification Plant (WPP) located at 21 Kerr Street, Oakville. The preferred strategy is to achieve the capacity increase through rerating of the plant, including minor in-plant upgrades and implementation of a plant-based solution to address security of supply risks associated with raw water turbidity episodes. This solution has the least impact on the local community, lowest cost alternative and least impact to the natural environment.

As per Ms. Graham's request in her letter dated September 22, 2014 (attached, for your reference), we are providing a copy of the Project File Report to the MOECC for its review in advance of its distribution for public review. At the outset of the project, a possible outcome of the project was work in Lake Ontario on the WPP's intake. However, the as noted above, the conclusion of the study was to rerate the plant using minor in-plant upgrades and implementation of a plant-based solution. **Given the low-impact nature of the conclusion, and given the MOECC's involvement with the Region on the WPP's rerating testing, is the Ministry able to fast-track its review of this project's Project File Report?** We are requesting this, as Halton Region wishes to issue the Notice of Completion and begin the public review process as soon as possible.

Please find the Project File Report attached. Also attached for your convenience is the summary from the PIC, which summarizes the process, evaluation and outcome of the study.

The report and full appendices can be downloaded from our ftp site:

Address: [ftp1.exp.com](ftp://ftp1.exp.com)

Username: Oakville2

Password: Oakville2

Thank you very much for your time,

Jean-Louis



Jean-Louis Gaudet

Project Coordinator

t: +1.905.793.9809 x 2344 | e: jeanlouis.gaudet@exp.com

1595 Clark Blvd.

Brampton, ON L6T 4V1

CANADA

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