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Appendix F5

Agency Correspondence



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Ministry of Tourism, Culture and Sport

Avid Banihashemi

From: Herczeg, Brooke (MTCS) <Brooke.Herczeg@ontario.ca>
Sent: Friday, May 11, 2018 3:21 PM
To: Avid Banihashemi
Subject: RE: John Street WWPS EA - MTCS Conference Call

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Avid,

Please forgive the late reply, thank you for providing your meeting notes from our February 27th meeting. Please provide us with the Project File once finalized.

Thank you,
Brooke

From: Avid Banihashemi [mailto:Avid.Banihashemi@rjburnside.com]
Sent: March-19-18 9:14 AM
To: Barboza, Karla (MTCS)
Cc: Herczeg, Brooke (MTCS); Oberoi, Sanjeev; Jeff Langlois; Jennifer Vandermeer
Subject: John Street WWPS EA - MTCS Conference Call

Hello Karla,

Thank you for your time on the call we had on John Street Wastewater Pumping Station (WWPS) Class EA Study a couple of weeks ago. As promised, we are providing the summary of our call below, on the two discussed areas of Cultural Heritage Evaluation and a Stage 2 Archaeological Assessment (AA) for John Street WWPS EA.

a. Cultural Heritage Evaluation

We clarified that the distance of the John Street WWPS discharge point for the John Street WWPS (manhole on John Street) to the closest designated heritage property (33 John Street) is 92 m. Based on this clarification, MTCS advised that a Cultural Heritage Evaluation Report (CHER) would not be required for the project; however, MTCS advised that we should include discussion in the Project File Report that speaks to the extent of the work in the proximity of these heritage properties. It was also advised that this discussion includes commitments to ensure adequate mitigation measures and monitoring of the potential impacts will be in place during construction. For example, if any possibility of vibration impacts from construction, that could affect the heritage resource (property) in a physical way, is identified during the detailed design stage, then monitoring approaches and mitigation measures for these potential impacts will be established and further followed during construction phase.

b. Stage 2 Archaeological Assessment (AA)

We also received clarification from MTCS on the timing for conducting a Stage 2 AA. MTCS noted that it is always their preference to have Stage 2 AAs completed during the course of the EA phase of a project so that there is more information available to inform the decisions made prior to entering into the detailed design phase of the project. MTCS noted that as part of the preferred solution, the new WWPS footprint with archaeological potential, can be studied through a Stage 2 AA at the EA phase if the access to these areas can be granted. We explained that since we would not be determining the precise location of the WWPS footprint or the preferred emergency outflow location during the EA phase, conducting the Stage 2 AA now would be somewhat premature. Based on our discussion and subsequent follow-up with the Region, the Project Team intends to hold off on conducting the Stage 2 AA work until detailed design when there is more certainty of precise locations of the project impact area, i.e. defined footprints of infrastructure. We will

ensure that the Project File Report includes the commitment to have the Stage 2 AA completed as soon as possible, when more details of the project impact area are identified.

Kindly Please let us know if you have any questions or clarifications about this summary.

Best regards,
Avid

 **BURNSIDE**
Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
Office: 800-265-9662 Direct: 226-486-1562
www.rjburnside.com

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Thank you.

Avid Banihashemi

From: Jennifer Vandermeer
Sent: Tuesday, March 21, 2017 10:21 AM
To: Avid Banihashemi
Subject: FW: Notice of Commencement
Attachments: General Class EA Screening letter.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

From: Herczeg, Brooke (MTCS) [<mailto:Brooke.Herczeg@ontario.ca>]
Sent: Monday, March 20, 2017 4:35 PM
To: Jennifer Vandermeer
Cc: Sanjeev.oberoi@halton.ca
Subject: Notice of Commencement

Dear Ms. Vandermeer,

Please see the attached response for the Notice of Commencement for John Street Wastewater Pumping Station; if you have any questions or concerns please do not hesitate to contact me.

Regards,

Brooke

Brooke Herczeg MPL

Heritage Planner

Heritage Program | Programs and Services Branch | Ministry of Tourism, Culture and Sport

401 Bay Street Suite 1700 Toronto ON M7A 0A7

Tel. 416.314.7133 | email: Brooke.Herczeg@ontario.ca

**Ministry of Tourism,
Culture and Sport**

Heritage Program Unit
Programs and Services Branch
401 Bay Street, Suite 1700
Toronto ON M7A 0A7
Tel: 416 314 7133
Fax: 416 212 1802

**Ministère du Tourisme,
de la Culture et du Sport**

Unité des programmes patrimoine
Direction des programmes et des services
401, rue Bay, Bureau 1700
Toronto ON M7A 0A7
Tél: 416 314 7133
Télééc: 416 212 1802



March 20, 2017

Jennifer Vandermeer
R.J. Burnside & Associates Limited
292 Speedvale Ave. W, Unit 20
Guelph, Ontario, N1H 1C4
E: Jennifer.Vandermeer@rjburnside.ca

RE: MTCS file #: 0006388
Proponent: R. J. Burnside & Associates Limited
Subject: Notice of Commencement
John Street Wastewater Pumping Station
Location: Georgetown, Ontario

Dear Ms. Vandermeer:

Thank you for providing the Ministry of Tourism, Culture and Sport (MTCS) with the Notice of Commencement for your project. MTCS's interest in this Environmental Assessment (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. The recommendations below are for a Schedule B Municipal Class EA project, as described in the notice of study commencement. If any municipal bridges may be impacted by this project, we can provide additional screening documentation as formulated by the Municipal Engineers Association in consultation with MTCS.

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.

Archaeological Resources

Your EA project may impact archaeological resources and you should screen the project with the MTCS [Criteria for Evaluating Archaeological Potential](#) to determine if an archaeological assessment is needed. MTCS archaeological sites data are available at archaeology@ontario.ca. If your EA project area exhibits archaeological potential, then an archaeological assessment (AA) should be undertaken by an archaeologist licenced under the OHA, who is responsible for submitting the report directly to MTCS for review.

Built Heritage and Cultural Heritage Landscapes

The MTCS [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes](#) should be completed to help determine whether your EA project may impact cultural heritage resources. The Clerk/s for Halton Region encompassing the EA project 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, should 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 Halton Region as appropriate for review, and make it available to local organizations or individuals who have expressed interest in review.

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.

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

Sincerely,

Brooke Herczeg
Heritage Planner
Brooke.Herczeg@Ontario.ca

Copied to:

Sanjeev Oberoi, P.Eng.
Project Manager
Halton Region
1151 Bronte Road
Oakville, Ontario, L6M 3L1
Phone: (905) 825 6000 x 7921
Email: Sanjeev.Oberoi@halton.ca

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. MTCS makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MTCS be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

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 an archaeological assessment in accordance with the Ontario Heritage Act and the Standards and Guidelines for Consultant Archaeologists.

If human remains are encountered, all activities must cease immediately and the local police as well as the Cemeteries Regulation Unit of the Ministry of Government and 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.

Avid Banihashemi

From: Avid Banihashemi
Sent: Monday, March 19, 2018 9:14 AM
To: 'karla.barboza@ontario.ca'
Cc: 'Herczeg, Brooke (MTCS)'; 'Oberoi, Sanjeev'; Jeff Langlois; Jennifer Vandermeer
Subject: John Street WWPS EA - MTCS Conference Call

Hello Karla,

Thank you for your time on the call we had on John Street Wastewater Pumping Station (WWPS) Class EA Study a couple of weeks ago. As promised, we are providing the summary of our call below, on the two discussed areas of Cultural Heritage Evaluation and a Stage 2 Archaeological Assessment (AA) for John Street WWPS EA.

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Kindly Please let us know if you have any questions or clarifications about this summary.

Best regards,
Avid



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Fisheries and Oceans Canada

Avid Banihashemi

From: Avid Banihashemi
Sent: Thursday, May 18, 2017 3:01 PM
To: 'dave.gibson@dfo-mpo.gc.ca'
Cc: Jennifer Vandermeer
Subject: John St. Wastewater Pumping Station EA- External Technical Advisory Committee Invitation
Attachments: 039946_John Street WWPS EA_NOCm.pdf; 039946_John Street WWPS EA_NOCm Ex-TAC_Response Form.pdf

Hello Mr. Gibson,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment (in Georgetown). A copy of the Notice of Commencement for the project is attached.

This email is to follow up in regards to the Notice of Commencement and the Project Response Form that was sent out mid-March 2017. If you have any concerns about the project, or would like to be part of the External Technical Advisory Committee (Ex-TAC), please complete the form attached and return at your earliest convenience.

The Ex-TAC mandate is to be a forum for more in-depth discussion of the key study issues, concerns or solutions, and to provide advice to the Study Team. As part of the Ex-TAC, requested involvement may include the following:

- Stakeholder contact throughout the project duration (about 1 year);
- Anticipated two half-day workshops likely to be held in June & August 2017;

The role of Ex-TAC is advisory, with no voting to be undertaken.

Your contact information is part of the project contact list, and you will receive notices as the study progresses, unless indicated otherwise. Please feel free to contact us should you have any more comments or questions.

Sincerely,
The John St. WWPS EA Project Team



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**Ministry of the Environment and Climate
Change**

Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Tuesday, March 28, 2017 10:50 AM
To: Jeff Langlois; Avid Banihashemi; Arsenault, Dave
Cc: Simpson, David
Subject: FW: Johnt Street Wastewater Pumping Station Schedule B Municipal Class EA
Attachments: TSS_NoSC Response Letter_John Street Wastewater Pumping Station_signed.PDF;
TSS_NoSC Response Letter_John Street Wastewater Pumping Station.doc

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Managed in IBM ECM

Fyi, response from MOECC regarding NOC for John Street Class EA Study.

Sanjeev Oberoi, P.Eng.

Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7921 | 1-866-442-5866



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From: Bell, Trevor (MOECC) [<mailto:Trevor.Bell@ontario.ca>]
Sent: Friday, March 24, 2017 10:31 AM
To: Oberoi, Sanjeev
Cc: Jennifer Vandermeer (Jennifer.Vandermeer@rjburnside.com); Martin, Paul (MOECC); Webb, Tim (MOECC)
Subject: Johnt Street Wastewater Pumping Station Schedule B Municipal Class EA

Good morning,

Please find attached a letter from the Ministry of the Environment, Central Region Technical Support Section regarding the above mentioned project. Feel free to contact me with any questions or concerns you may have.

Sincerely,

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

Ministry of the Environment
and Climate Change

Central Region
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Ministère de l'Environnement et de
l'Action en Matière de Changement Climatique

Région du Centre
Section d'appui technique

5775, rue Yonge, 8^{ème} étage
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Tél. : (416) 326-6700
Télec. : (416) 325-6347



March 24, 2017

File No.: EA 01-06-03

Sanjeev Oberoi, P.Eng.
Project Manager
Halton Region
1151 Bronte Street
Oakville, ON L6M3L1
sanjeev.oberoi@halton.ca

Re: **John Street Wastewater Pumping Station
Halton Region
Schedule B Municipal Class Environmental Assessment
Response to Notice of Commencement**

Dear Mr. Oberoi,

This letter is in response to the Notice of Commencement for the above noted project. The Ministry of the Environment and Climate Change (MOECC) acknowledges that Halton Region has indicated that the study is following the approved environmental planning process for a Schedule B project under the Municipal Engineers Association's Municipal Class Environmental Assessment (Class EA).

The attached "Areas of Interest" document provides guidance regarding the ministry's interests with respect to the Class EA process. Please identify the areas of interest which are applicable to the project and ensure they are addressed. Proponents who address all of the applicable areas of interest can minimize potential delays to the project schedule.

The Crown has a legal duty to consult Aboriginal communities when it has knowledge, real or constructive, of the existence or potential existence of an Aboriginal or treaty right and contemplates conduct that may adversely impact that right. Before authorizing this project, the Crown must ensure that its duty to consult has been fulfilled, where such a duty is triggered. Although the duty to consult with Aboriginal peoples is a duty of the Crown, the Crown may delegate procedural aspects of this duty to project proponents while retaining oversight of the consultation process.

The proposed project may have the potential to affect Aboriginal or treaty rights protected under Section 35 of Canada's *Constitution Act* 1982. Where the Crown's duty to consult is triggered in relation to the proposed project, **the MOECC is delegating the procedural aspects of rights-based consultation to the proponent through this letter.** The Crown intends to rely on the delegated consultation process in discharging its duty to consult and maintains the right to participate in the consultation process as it sees fit.

Based on information provided to date and the Crown's preliminary assessment the proponent is required

to consult with the following communities who have been identified as potentially affected by the proposed project:

- Mississaugas of the New Credit First Nation
- Six Nations of the Grand River

Steps that the proponent may need to take in relation to Aboriginal consultation for the proposed project are outlined in the "Code of Practice for Consultation in Ontario's Environmental Assessment Process" which can be found at the following link: <https://www.ontario.ca/document/consultation-ontarios-environmental-assessment-process>

Additional information related to Ontario's Environmental Assessment Act is available online at: www.ontario.ca/environmentalassessments

Please also refer to the attached document "A Proponent's Introduction to the Delegation of Procedural Aspects of consultation with Aboriginal Communities" for further information.

The proponent must contact the Director of Environmental Approvals Branch under the following circumstances subsequent to initial discussions with the communities identified by MOECC:

- Aboriginal or treaty rights impacts are identified to the proponent by the communities
- The proponent has reason to believe that the proposed project may adversely affect an Aboriginal or treaty right
- Consultation has reached an impasse
- A Part II Order request or elevation request is expected

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:

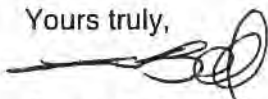
Email:	EAASIBGen@ontario.ca Subject: Potential Duty to Consult
Fax:	416-314-8452
Address:	Environmental Approvals Branch 135 St. Clair Avenue West, 1 st Floor Toronto, ON, M4V 1P5

The MOECC will then assess the extent of any Crown duty to consult for the circumstances and will consider whether additional steps should be taken, including what role the proponent will be asked to play in them.

A draft copy of the Project File/ESR should be sent to this office prior to the filing of the final report, allowing a minimum of 30 days for the ministry's technical reviewers to provide comments. Please also forward the Notice of Completion and final Project File/ESR to me when completed.

Should you or any members of your project team have any questions regarding the material above, please contact me at (416) 326-3577 or by email at trevor.bell@ontario.ca.

Yours truly,



Trevor Bell
Environmental Planner and EA Coordinator
Air, Pesticides and Environmental Planning
Central Region Technical Support Section
Ministry of the Environment and Climate Change

- c. J. Vandermeer, Environmental Assessment Lead, R.J. Burnside & Associates Ltd.
P. Martin, Supervisor, APEP, Central Region, MOECC
T. Webb, Manager, Halton Peel District, MOECC
Central Region EA File
A & P File

AREAS OF INTEREST

It is suggested that you check off each applicable area after you have considered / addressed it.

Source Water Protection (all projects)

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

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

- As part of the project, the proponent should clearly document how the proximity of the project to sources of drinking water (municipal or other) and any delineated vulnerable areas was considered and assessed, whether there were any source protection plan policies that applied, and if so, how they impacted the project, as well as identify mitigating measures to address any negative environmental impacts to those sources (considering natural, economic and social/cultural environmental impacts). As you may be aware, in October 2015, the MEA Parent Class EA document was amended to include reference to the Clean Water Act (Section A.2.10.6) and indicates that proponents undertaking a Municipal Class EA project must identify early in their process whether a project is or could potentially be occurring with a vulnerable area. Given this requirement, the proponent should include a section in the Project File/ESR on source water protection.
- While most source protection plans focused on including policies for significant drinking water threats in the WHPAs and IPZs it should be noted that even though source protection plan policies may not apply in HVAs, these are areas where aquifers are sensitive and at risk to impacts and within these areas, activities may impact the quality of sources of drinking water for systems other than municipal residential systems.
- In order to determine if this project is occurring within a vulnerable area, proponents can use this mapping tool: <http://www.applications.ene.gov.on.ca/swp/en/index.php> The mapping tool will also provide a link to the appropriate source protection plan in order to identify what policies may be applicable in the vulnerable area.
- For further information on the maps or source protection plan policies which may relate to their project, proponents should contact the Project Manager for Drinking Water Source Protection at the local source protection authority (i.e., conservation authority).

More Information

For more information on the Clean Water Act, source protection areas and plans, including specific

information on the vulnerable areas and drinking water threats, please refer to Conservation Ontario's website where you will also find links to the local source protection plan/assessment report.

A list of the prescribed drinking water threats can be found in section 1.1 of Ontario Regulation 287/07 made under the Clean Water Act. In addition to prescribed drinking water threats, some source protection plans may include policies to address additional "local" threat activities, as approved by the MOECC.

Ecosystem Protection and Restoration

- Any impacts to ecosystem form and function must be avoided where possible. The Project File/ESR 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. The following sensitive environmental features may be located within or adjacent to the study area:
 - Areas of Natural and Scientific Interest (ANSIs)
 - Rare Species of flora or fauna
 - Watercourses
 - Wetlands
 - Woodlots

We recommend consulting with the Ministry of Natural Resources and Forestry (MNR), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional studies will be necessary to preserve and protect these sensitive features. In addition, you may consider the provisions of the Rouge Park Management Plan if applicable.

Surface Water

- The Project File/ESR 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/ESR 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.
- Ontario Regulation 60/08 under the Ontario Water Resources Act (OWRA) applies to the Lake Simcoe Basin, which encompasses Lake Simcoe and the lands from which surface water drains into Lake Simcoe. If the proposed sewage treatment plant is listed in Table 1 of the regulation, the Project File/ESR should describe how the proposed project and its mitigation measures are

consistent with the requirements of this regulation and the OWRA.

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/ESR.
- If the potential construction or decommissioning of water wells is identified as an issue, the Project File/ESR should refer to Ontario Regulation 903, Wells, under the OWRA.
- 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/ESR. In particular, a Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 litres per day.

Air Quality, Dust and Noise

- If there are sensitive receptors in the surrounding area of this project, an air quality/odour impact assessment will be useful to evaluate alternatives, determine impacts and identify appropriate mitigation measures. The scope of the assessment can be determined based on the potential effects of the proposed alternatives, and typically includes source and receptor characterization, a quantification of air quality impacts by determining emission rates and conducting dispersion modelling, and an assessment of effects. The assessment will compare to all available standards for any contaminants of concern. Please contact this office during the scoping process to confirm the appropriate level of assessment.
- 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/ESR should consider the potential impacts of increased noise levels during the operation of the undertaking due to potentially higher traffic volumes resulting from this project. 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 Access and Service Integration Branch (EAASIB) 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. Please contact the ministry's District Offices for further consultation if contaminated sites are present.
- Any current or historical waste disposal sites should be identified in the Project File/ESR. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the EPA may be required for land uses on former disposal sites.
- The location of any underground storage tanks should be investigated in the Project File/ESR. 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.
- The Project File/ESR 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/ESR 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/ESR.

Planning and Policy

- Parts of the study area may be subject to the Oak Ridges Moraine Conservation Plan, Niagara Escarpment Plan, Greenbelt Plan, Lake Simcoe Protection Plan, or Growth Plan for the Greater Golden Horseshoe. The Project File/ESR should demonstrate how the proposed study adheres to the relevant policies in these plans.

- The Provincial Policy Statement (2014) 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* (CWA). Applicable policies should be referenced in the Project File/ESR, 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/uncategorised/143-otherswpreionsindex>.

Class EA Process

- If this project is a Master Plan: there are several different approaches that can be used to conduct a Master Plan, examples of which are outlined in Appendix 4 of the Class EA. The Master Plan should clearly indicate the selected approach for conducting the plan, in particular by identifying whether the levels of assessment, consultation and documentation are sufficient to fulfill the requirements for Schedule B or C projects. Please note that any Schedule B or C projects identified in the plan would be subject to Part II Order Requests under the *Environmental Assessment Act* (EAA), although the plan itself would not be.
- The Project File/ESR should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making. The Project File/ESR 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/ESR 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/ESR 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/ESR a list of all subsequent permits or approvals that may be required for the implementation of the preferred alternative, including MOECC's PTTW and ECAs, conservation authority permits, and approval under the *Canadian Environmental Assessment Act* (CEAA).
- Ministry guidelines and other information related to the issues 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/ESR.

A PROPONENT'S INTRODUCTION TO THE DELEGATION OF PROCEDURAL ASPECTS OF CONSULTATION WITH ABORIGINAL COMMUNITIES

DEFINITIONS

The following definitions are specific to this document and may not apply in other contexts:

Aboriginal communities – the First Nation or Métis communities identified by the Crown for the purpose of consultation.

Consultation – the Crown's legal obligation to consult when the Crown has knowledge of an established or asserted Aboriginal or treaty right and contemplates conduct that might adversely impact that right. This is the type of consultation required pursuant to s. 35 of the *Constitution Act, 1982*. Note that this definition does not include consultation with Aboriginal communities for other reasons, such as regulatory requirements.

Crown – the Ontario Crown, acting through a particular ministry or ministries.

Procedural aspects of consultation – those portions of consultation related to the process of consultation, such as notifying an Aboriginal community about a project, providing information about the potential impacts of a project, responding to concerns raised by an Aboriginal community and proposing changes to the project to avoid negative impacts.

Proponent – the person or entity that wants to undertake a project and requires an Ontario Crown decision or approval for the project.

I. PURPOSE

The Crown has a legal duty to consult Aboriginal communities when it has knowledge of an existing or asserted Aboriginal or treaty right and contemplates conduct that may adversely impact that right. In outlining a framework for the duty to consult, the Supreme Court of Canada has stated that the Crown may delegate procedural aspects of consultation to third parties. This document provides general information about the Ontario Crown's approach to delegation of the procedural aspects of consultation to proponents.

This document is not intended to instruct a proponent about an individual project, and it does not constitute legal advice.

II. WHY IS IT NECESSARY TO CONSULT WITH ABORIGINAL COMMUNITIES?

The objective of the modern law of Aboriginal and treaty rights is the *reconciliation* of Aboriginal peoples and non-Aboriginal peoples and their respective rights, claims and interests. Consultation is an important component of the reconciliation process.

The Crown has a legal duty to consult Aboriginal communities when it has knowledge of an existing or asserted Aboriginal or treaty right and contemplates conduct that might adversely impact that right. For example, the Crown's duty to consult is triggered when it considers issuing a permit, authorization or approval for a project which has the potential to adversely impact an Aboriginal right, such as the right to hunt, fish, or trap in a particular area.

The scope of consultation required in particular circumstances ranges across a spectrum depending on both the nature of the asserted or established right and the seriousness of the potential adverse impacts on that right.

Depending on the particular circumstances, the Crown may also need to take steps to accommodate the potentially impacted Aboriginal or treaty right. For example, the Crown may be required to avoid or minimize the potential adverse impacts of the project.

III. THE CROWN'S ROLE AND RESPONSIBILITIES IN THE DELEGATED CONSULTATION PROCESS

The Crown has the responsibility for ensuring that the duty to consult, and accommodate where appropriate, is met. However, the Crown may delegate the procedural aspects of consultation to a proponent.

There are different ways in which the Crown may delegate the procedural aspects of consultation to a proponent, including through a letter, a memorandum of understanding, legislation, regulation, policy and codes of practice.

If the Crown decides to delegate procedural aspects of consultation, the Crown will generally:

- Ensure that the delegation of procedural aspects of consultation and the responsibilities of the proponent are clearly communicated to the proponent;
- Identify which Aboriginal communities must be consulted;
- Provide contact information for the Aboriginal communities;
- Revise, as necessary, the list of Aboriginal communities to be consulted as new information becomes available and is assessed by the Crown;
- Assess the scope of consultation owed to the Aboriginal communities;
- Maintain appropriate oversight of the actions taken by the proponent in fulfilling the procedural aspects of consultation;
- Assess the adequacy of consultation that is undertaken and any accommodation that may be required;
- Provide a contact within any responsible ministry in case issues arise that require direction from the Crown; and
- Participate in the consultation process as necessary and as determined by the Crown.

IV. THE PROPONENT'S ROLE AND RESPONSIBILITIES IN THE DELEGATED CONSULTATION PROCESS

Where aspects of the consultation process have been delegated to a proponent, the Crown, in meeting its duty to consult, will rely on the proponent's consultation activities and documentation of those activities. The consultation process informs the Crown's decision of whether or not to approve a proposed project or activity.

A proponent's role and responsibilities will vary depending on a variety of factors including the extent of consultation required in the circumstance and the procedural aspects of consultation the Crown has delegated to it. Proponents are often in a better position than the Crown to discuss a project and its potential impacts with Aboriginal communities and to determine ways to avoid or minimize the adverse impacts of a project.

A proponent can raise issues or questions with the Crown at any time during the consultation process. If issues or concerns arise during the consultation that cannot be addressed by the proponent, the proponent should contact the Crown.

a) What might a proponent be required to do in carrying out the procedural aspects of consultation?

Where the Crown delegates procedural aspects of consultation, it is often the proponent's responsibility to provide notice of the proposed project to the identified Aboriginal communities. The notice should indicate that the Crown has delegated the procedural aspects of consultation to the proponent and should include the following information:

- a description of the proposed project or activity;
- mapping;
- proposed timelines;
- details regarding anticipated environmental and other impacts;
- details regarding opportunities to comment; and
- any changes to the proposed project that have been made for seasonal conditions or other factors, where relevant.

Proponents should provide enough information and time to allow Aboriginal communities to provide meaningful feedback regarding the potential impacts of the project. Depending on the nature of consultation required for a project, a proponent also may be required to:

- provide the Crown with copies of any consultation plans prepared and an opportunity to review and comment;
- ensure that any necessary follow-up discussions with Aboriginal communities take place in a timely manner, including to confirm receipt of information, share and update information and to address questions or concerns that may arise;
- as appropriate, discuss with Aboriginal communities potential mitigation measures and/or changes to the project in response to concerns raised by Aboriginal communities;
- use language that is accessible and not overly technical, and translate material into Aboriginal languages where requested or appropriate;
- bear the reasonable costs associated with the consultation process such as, but not

limited to, meeting hall rental, meal costs, document translation(s), or to address technical & capacity issues;

- provide the Crown with all the details about potential impacts on established or asserted Aboriginal or treaty rights, how these concerns have been considered and addressed by the proponent and the Aboriginal communities and any steps taken to mitigate the potential impacts;
- provide the Crown with complete and accurate documentation from these meetings and communications; and
- notify the Crown immediately if an Aboriginal community not identified by the Crown approaches the proponent seeking consultation opportunities.

b) What documentation and reporting does the Crown need from the proponent?

Proponents should keep records of all communications with the Aboriginal communities involved in the consultation process and any information provided to these Aboriginal communities.

As the Crown is required to assess the adequacy of consultation, it needs documentation to satisfy itself that the proponent has fulfilled the procedural aspects of consultation delegated to it. The documentation required would typically include:

- the date of meetings, the agendas, any materials distributed, those in attendance and copies of any minutes prepared;
- the description of the proposed project that was shared at the meeting;
- any and all concerns or other feedback provided by the communities;
- any information that was shared by a community in relation to its asserted or established Aboriginal or treaty rights and any potential adverse impacts of the proposed activity, approval or disposition on such rights;
- any proposed project changes or mitigation measures that were discussed, and feedback from Aboriginal communities about the proposed changes and measures;
- any commitments made by the proponent in response to any concerns raised, and feedback from Aboriginal communities on those commitments;
- copies of correspondence to or from Aboriginal communities, and any materials distributed electronically or by mail;
- information regarding any financial assistance provided by the proponent to enable participation by Aboriginal communities in the consultation;
- periodic consultation progress reports or copies of meeting notes if requested by the Crown;
- a summary of how the delegated aspects of consultation were carried out and the results; and
- a summary of issues raised by the Aboriginal communities, how the issues were addressed and any outstanding issues.

In certain circumstances, the Crown may share and discuss the proponent's consultation record with an Aboriginal community to ensure that it is an accurate reflection of the consultation process.

c) Will the Crown require a proponent to provide information about its commercial arrangements with Aboriginal communities?

The Crown may require a proponent to share information about aspects of commercial arrangements between the proponent and Aboriginal communities where the arrangements:

- include elements that are directed at mitigating or otherwise addressing impacts of the project;
- include securing an Aboriginal community's support for the project; or
- may potentially affect the obligations of the Crown to the Aboriginal communities.

The proponent should make every reasonable effort to exempt the Crown from confidentiality provisions in commercial arrangements with Aboriginal communities to the extent necessary to allow this information to be shared with the Crown.

The Crown cannot guarantee that information shared with the Crown will remain confidential. Confidential commercial information should not be provided to the Crown as part of the consultation record if it is not relevant to the duty to consult or otherwise required to be submitted to the Crown as part of the regulatory process.

V. WHAT ARE THE ROLES AND RESPONSIBILITIES OF ABORIGINAL COMMUNITIES' IN THE CONSULTATION PROCESS?

Like the Crown, Aboriginal communities are expected to engage in consultation in good faith. This includes:

- responding to the consultation notice;
- engaging in the proposed consultation process;
- providing relevant information;
- clearly articulating the potential impacts of the proposed project on Aboriginal or treaty rights; and
- discussing ways to mitigate any adverse impacts.

Some Aboriginal communities have developed tools, such as consultation protocols, policies or processes that provide guidance on how they would prefer to be consulted. Although not legally binding, proponents are encouraged to respect these community processes where it is reasonable to do so. Please note that there is no obligation for a proponent to pay a fee to an Aboriginal community in order to enter into a consultation process.

To ensure that the Crown is aware of existing community consultation protocols, proponents should contact the relevant Crown ministry when presented with a consultation protocol by an Aboriginal community or anyone purporting to be a representative of an Aboriginal community.

VI. WHAT IF MORE THAN ONE PROVINCIAL CROWN MINISTRY IS INVOLVED IN APPROVING A PROPONENT'S PROJECT?

Depending on the project and the required permits or approvals, one or more ministries may delegate procedural aspects of the Crown's duty to consult to the proponent. The proponent may contact individual ministries for guidance related to the delegation of procedural aspects of consultation for ministry-specific permits/approvals required for the project in question. Proponents are encouraged to seek input from all involved Crown ministries sooner rather than later.

Avid Banihashemi

From: Avid Banihashemi
Sent: Tuesday, May 23, 2017 11:39 AM
To: 'Bell, Trevor (MOECC)'
Cc: Jennifer Vandermeer
Subject: RE: John St. Wastewater Pumping Station EA- External Technical Advisory Committee Invitation

Thank you Trevor!

Best,
Avid

From: Bell, Trevor (MOECC) [<mailto:Trevor.Bell@ontario.ca>]
Sent: Tuesday, May 23, 2017 10:15 AM
To: Avid Banihashemi
Subject: RE: John St. Wastewater Pumping Station EA- External Technical Advisory Committee Invitation

Hi Avid, I'd be happy to participate in the Ex-TAC. Thank you

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: Avid Banihashemi [<mailto:Avid.Banihashemi@rjburnside.com>]
Sent: May-18-17 3:27 PM
To: Bell, Trevor (MOECC)
Cc: Jennifer Vandermeer
Subject: John St. Wastewater Pumping Station EA- External Technical Advisory Committee Invitation

Hello Mr. Bell,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment (in Georgetown). A copy of the Notice of Commencement for the project is attached.

This email is to follow up in regards to the Notice of Commencement and the Project Response Form that was sent out mid-March 2017. If you would like to be part of the External Technical Advisory Committee (Ex-TAC), please complete the form attached and return at your earliest convenience.

The Ex-TAC mandate is to be a forum for more in-depth discussion of the key study issues, concerns or solutions, and to provide advice to the Study Team. As part of the Ex-TAC, requested involvement may include the following:

- Stakeholder contact throughout the project duration (about 1 year);
- Anticipated two half-day workshops likely to be held in June & August 2017;

The role of Ex-TAC is advisory, with no voting to be undertaken.

Your contact information is part of the project contact list, and you will receive notices as the study progresses, unless indicated otherwise. Please feel free to contact us should you have any more comments or questions.

Sincerely,
The John St. WWPS EA Project Team


Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
Office: 800-265-9662 Direct: 226-486-1562
www.rjburnside.com

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Thank you.

Avid Banihashemi

From: Avid Banihashemi
Sent: Tuesday, September 12, 2017 2:59 PM
To: 'Bell, Trevor (MOECC)'
Cc: 'Oberoi, Sanjeev'
Subject: RE: John St. WWPS EA - First Ex-TAC Meeting

Hello Trevor,

On behalf of Halton Region, I am writing to follow up on the email below and the upcoming John St. Wastewater Pumping Station Class EA Ex-TAC meeting planned for October/2017 and your previous indication of interest to be part of John St. Class EA External Technical Advisory Committee.

Thirteenth of October, 2:00pm-4:00 pm is so far the preferred date/time by the majority of the Ex-TAC committee members. Kindly please let us know if this date/time works for you.

Please feel free to contact us should you have any comments or questions.

Sincerely,
The John St. WWPS EA Project Team

From: Avid Banihashemi
Sent: Monday, August 21, 2017 9:20 AM
To: 'Bell, Trevor (MOECC)'
Cc: 'Oberoi, Sanjeev'
Subject: John St. WWPS EA - First Ex-TAC Meeting

Hello Mr. Bell,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment in Georgetown, ON (Notice of Study Commencement attached).

This email is to follow up in regards to your indication of interest to be part of John St. Class EA External Technical Advisory Committee and to inquire about your availability to attend John St. Class EA first Ex-TAC meeting on one of the two proposed dates: October 13th or October 17th, 2:00pm-4:00pm, or 3:00-5:00pm. Kindly please let us know of your date and time preference by Friday, 8th September.

This meeting will be the first one of the two planned half-day Ex-TAC workshops which provide the Study Team and the Ex-TAC members with the opportunity to have a more in-depth discussion of the key study issues, concerns, or solutions, and the Ex-TAC members to provide advice to the Study Team.

The role of Ex-TAC is advisory, with no voting to be undertaken.

Please feel free to contact us should you have any comments or questions.

Sincerely,
The John St. WWPS EA Project Team

Avid Banihashemi

From: Bell, Trevor (MOECC) <Trevor.Bell@ontario.ca>
Sent: Thursday, May 31, 2018 1:19 PM
To: Oberoi, Sanjeev
Cc: Jeff Langlois; Avid Banihashemi
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Thanks Sanjeev,

Sorry again that I couldn't provide our comments at this time. Will look forward to receiving the final PFR.

Sincerely,
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: Oberoi, Sanjeev [mailto:Sanjeev.Oberoi@halton.ca]
Sent: May-30-18 11:02 AM
To: Bell, Trevor (MOECC)
Cc: Jeff Langlois; Avid Banihashemi
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Good Morning Trevor,

We are planning to file the Project File Report on June 14, 2018. Unfortunately, we won't be able to extend the review comments deadline by two weeks.

The final Project File Report will be open for a 45 day public review period (from June 14 – July 30). We will look forward to your comments for the final report during this time and as suggested will include them in the commitment table.

Best Regards,
Sanjeev

Sanjeev Oberoi, P.Eng., PMP

Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7921 | 1-866-442-5866



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From: Bell, Trevor (MOECC) [mailto:Trevor.Bell@ontario.ca]
Sent: Tuesday, May 29, 2018 3:57 PM
To: Avid Banihashemi
Cc: Oberoi, Sanjeev; Jeff Langlois
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Dear project team,

Due to resource and time constraints, we were unable to complete our review of your draft project file report by the requested date. Please accept my apologies.

We can provide you with comments within 2 weeks, or we can forego commenting on the draft and save our comments for the final report. In that case, any major comments or concerns we may have could be responded to in a commitments letter/table.

Please let me know how you would prefer to proceed.

Sincerely,
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: Avid Banihashemi [mailto:Avid.Banihashemi@rjburnside.com]
Sent: May-18-18 3:30 PM
To: Bell, Trevor (MOECC)
Cc: Oberoi, Sanjeev; Jeff Langlois
Subject: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Dear Mr. Bell,

The Draft Project File Report (PFR) for John Street Wastewater Pumping Station (WWPS) Upgrades Schedule B Environmental Assessment Study has been distributed for agency review. A digital submission was made through email

to you on 1st May 2018 including a Submission Letter, the Draft PFR, and the Draft PFR Appendices, for MOECC review and comment. A hard copy of the Draft PFR was followed by courier.

This is a friendly reminder that we would appreciate comments from the MOECC to Burnside and Halton Region by Tuesday, May 29, 2018.

Best Regards,

John Street WWPS EA Project Team

 **BURNSIDE**
Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
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www.rjburnside.com

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Thank you.



BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Ministry of Natural Resources and Forestry

Avid Banihashemi

From: Avid Banihashemi
Sent: Tuesday, May 23, 2017 11:57 AM
To: 'Heaton, Mark (MNRF)'
Cc: Jennifer Vandermeer
Subject: RE: John St. Wastewater Pumping Station EA- External Technical Advisory Committee Invitation

Thank you Mark!

Best,
Avid

From: Heaton, Mark (MNRF) [<mailto:mark.heaton@ontario.ca>]
Sent: Tuesday, May 23, 2017 11:55 AM
To: Avid Banihashemi
Subject: RE: John St. Wastewater Pumping Station EA- External Technical Advisory Committee Invitation

Hello Avid

Please add me to your Ex-TAC.

Mark Heaton
OMNRF Aurora District
50 Bloomington Road
Aurora, Ontario
L4G 3G8

MNRF will be expressing interests in Crown Land, fisheries, wetlands and species at risk

Regards

Mark Heaton

From: Avid Banihashemi [<mailto:Avid.Banihashemi@rjburnside.com>]
Sent: May 18, 2017 3:18 PM
To: Heaton, Mark (MNRF)
Cc: Jennifer Vandermeer
Subject: John St. Wastewater Pumping Station EA- External Technical Advisory Committee Invitation

Hello Mr. Heaton,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment (in Georgetown). A copy of the Notice of Commencement for the project is attached.

This email is to follow up in regards to the Notice of Commencement and the Project Response Form that was sent out mid-March 2017. If you would like to be part of the External Technical Advisory Committee (Ex-TAC), please complete the form attached and return at your earliest convenience.


The Ex-TAC mandate is to be a forum for more in-depth discussion of the key study issues, concerns or solutions, and to provide advice to the Study Team. As part of the Ex-TAC, requested involvement may include the following:

- Stakeholder contact throughout the project duration (about 1 year);
- Anticipated two half-day workshops likely to be held in June & August 2017;

The role of Ex-TAC is advisory, with no voting to be undertaken.

Your contact information is part of the project contact list, and you will receive notices as the study progresses, unless indicated otherwise. Please feel free to contact us should you have any more comments or questions.

Sincerely,
The John St. WWPS EA Project Team

 **BURNSIDE**
Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited
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Thank you.

From: Peter DeCarvalho
Sent: Friday, June 16, 2017 9:22 AM
To: Avid Banihashemi
Subject: Fwd: Halton Hills Bat Maternity Habitat Surveys

Sent from my iPhone

Begin forwarded message:

From: "Heaton, Mark (MNRF)" <mark.heaton@ontario.ca>
Date: June 16, 2017 at 9:18:34 AM EDT
To: Peter DeCarvalho <Peter.DeCarvalho@rjburnside.com>
Cc: Nicholle Smith <Nicholle.Smith@rjburnside.com>
Subject: RE: Halton Hills Bat Maternity Habitat Surveys

Hello Peter,

Please proceed with acoustic monitoring as per your plan. Extending the monitoring into July is acceptable.

Regards

Mark Heaton
OMNRF Aurora

From: Peter DeCarvalho [<mailto:Peter.DeCarvalho@rjburnside.com>]

Sent: June 13, 2017 10:53 AM

To: Heaton, Mark (MNR)

Cc: Nicholle Smith

Subject: RE: Halton Hills Bat Maternity Habitat Surveys

Good morning Mark,

We have assessed our data gathered from the leaf-off and leaf-on surveys for this project and have proposed five acoustic stations within the riparian property of the Credit River. I have attempted to focus on coverage of high-quality habitat while also adhering to the development envelope of all alternative designs being considered. Please see attached for proposed acoustic stations and justifications.

Note that development within the stormwater management pond that was originally ruled out as a potential development site is once again being considered as an alternative. My justification for excluding the area from acoustic surveys can be found within the attached memo as well.

I was also hoping to clarify the MNR's position regarding the rigid June 1 – June 30 window to complete acoustic surveys. Is it possible to extend acoustic surveys into the beginnings of July to complete the required 10 surveys?

Your assistance is very much appreciated.

All the best,

Peter



Peter De Carvalho, EIT
B.Sc. (Bio), B.Eng. (Env)
Terrestrial Ecologist/Engineering Assistant

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph ON N1H 1C4
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Thank you.

From: Heaton, Mark (MNRF) [<mailto:mark.heaton@ontario.ca>]
Sent: Tuesday, June 06, 2017 8:56 AM
To: Peter DeCarvalho
Cc: Nicholle Smith
Subject: RE: Halton Hills Bat Maternity Habitat Surveys

Hello Peter,

Site #3 would qualify as bat habitat. Acoustic surveys needed to determine which SAR species are present, if any.

Within the context of the Class EA, alternatives will need to be explored that avoid impacting SAR habitat. There may be other species-at-risk in the study area that also need to be considered.

Once the acoustic surveys are done, MNRF would be agreeable to meet with the project team.

Regards

Mark Heaton
OMNRF Aurora

From: Peter DeCarvalho [<mailto:Peter.DeCarvalho@rjburnside.com>]
Sent: June 6, 2017 8:38 AM
To: Heaton, Mark (MNRF)
Cc: ESA Aurora (MNRF); Nicholle Smith
Subject: Halton Hills Bat Maternity Habitat Surveys

Dear Mr. Heaton,

We are seeking guidance from MNRF Aurora District regarding potential next steps in determining candidate bat maternity habitat for a project area in Halton Hills, Ontario. Please see attached the preliminary results for leaf-off and leaf-on surveys for proposed improvements to the wastewater pumping network in Georgetown.

Don't hesitate to contact us if you have any questions or comments, and thanks very much for your time.

Best regards,

Peter



Peter De Carvalho, EIT
B.Sc. (Bio), B.Eng. (Env)
Terrestrial Ecologist/Engineering Assistant

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
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Thank you.

Avid Banihashemi

From: Heaton, Mark (MNRF) <mark.heaton@ontario.ca>
Sent: Monday, August 21, 2017 11:01 AM
To: Avid Banihashemi
Subject: RE: John St. WWPS EA - First Ex-TAC Meeting

Follow Up Flag: Follow up
Flag Status: Completed

13th is open, away on the 17th

From: Avid Banihashemi [<mailto:Avid.Banihashemi@rjburnside.com>]
Sent: August 21, 2017 9:17 AM
To: Heaton, Mark (MNRF)
Cc: Oberoi, Sanjeev
Subject: John St. WWPS EA - First Ex-TAC Meeting

Hello Mr. Heaton,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment in Georgetown, ON (Notice of Study Commencement attached).

This email is to follow up in regards to your indication of interest to be part of John St. Class EA External Technical Advisory Committee and to inquire about your availability to attend John St. Class EA first Ex-TAC meeting on one of the two proposed dates: October 13th or October 17th, 2:00pm-4:00pm, or 3:00-5:00pm. Kindly please let us know of your date and time preference by Friday, 8th September.

This meeting will be the first one of the two planned half-day Ex-TAC workshops which provide the Study Team and the Ex-TAC members with the opportunity to have a more in-depth discussion of the key study issues, concerns, or solutions, and the Ex-TAC members to provide advice to the Study Team.

The role of Ex-TAC is advisory, with no voting to be undertaken.

Please feel free to contact us should you have any comments or questions.

Sincerely,
The John St. WWPS EA Project Team

 **BURNSIDE**
Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
Office: 800-265-9662 Direct: 226-486-1562
www.rjburnside.com

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Thank you.

Avid Banihashemi

From: Avid Banihashemi
Sent: Monday, September 18, 2017 3:39 PM
To: 'Heaton, Mark (MNRF)'
Cc: 'Oberoi, Sanjeev'
Subject: John St. WWPS EA - Ex-TAC Meeting Invitation
Attachments: 039946_John Street WWPS EA_NOCm.pdf

Good Afternoon Mr. Heaton,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment in Georgetown, ON (Notice of Study Commencement attached).

This email is to follow up in regards to your indication of interest to be part of John St. Class EA External Technical Advisory Committee and to invite you to attend the John St. Class EA Ex-TAC meeting on October 13th, 2:00pm-4:00pm, at 8140 Fifth Line North, Georgetown- Hornby Room.

This meeting will be the planned half-day Ex-TAC workshop which provides the Study Team and the Ex-TAC members with the opportunity to have a more in-depth discussion of the key study issues, concerns, or solutions, and the Ex-TAC members to provide advice to the Study Team. The role of Ex-TAC is advisory, with no voting to be undertaken.

Kindly please confirm your attendance by 29th September and feel free to contact us should you have any comments or questions.

Sincerely,
The John St. WWPS EA Project Team

Avid Banihashemi

From: Hannah Maciver
Sent: Wednesday, September 27, 2017 4:55 PM
To: Avid Banihashemi; Devin Soeting; Chris Pfohl; Peter DeCarvalho; Nicholle Smith
Subject: Fwd: 039946 John St WWPS EA - MNRF Aurora District Information Request
Attachments: AMS12607_JohnStWastePumpEA_HaltonHills.pdf; ATT00001.htm; Credit_River_1999_Ontario_Streams.pdf; ATT00002.htm; FishDot_2017-09-27.jpg; ATT00003.htm

Sent from my iPhone

Begin forwarded message:

From: "ESA Aurora (MNRF)" <ESA.Aurora@ontario.ca>
To: "Hannah Maciver" <Hannah.Maciver@rjburnside.com>
Subject: RE: 039946 John St WWPS EA - MNRF Aurora District Information Request

Hello Hannah,

Please see the attached species at risk screening and fishdot information. I've attached one electronic fishdot file, but there are three others that are accessible through our library at Aurora District. They are FishFile numbers 269, 270, and 271 of the East Credit Subwatershed. If you would like copies, please set up an appointment with Karen Golby at 905-713-7403. Photocopying fees may apply.

As indicated in the screening letter, there are some online resources that will fulfill your other data requests (e.g. wetland and thermal regime information). The following non-sensitive layers available on LIO:

ARA_SURVEY_POINT – fish species data
ARA_WATER_LINE_SEGMENT – thermal regime
WETLAND – MNRF identified and evaluated wetlands
SPECIES_OCC_PROV_TRACKED – low sensitivity SAR and rare species records
WOODED_AREA – MNRF identified woodland
ANSI – Areas of Natural and Scientific Interest

Project next steps from an *Endangered Species Act* standpoint may be directed to local management biologist Mark Heaton – mark.heaton@ontario.ca

Thank you,

Gabby

From: Hannah Maciver [<mailto:Hannah.Maciver@rjburnside.com>]
Sent: June-22-17 2:03 PM
To: ESA Aurora (MNRF)
Cc: Avid Banihashemi; Devin Soeting
Subject: 039946 John St WWPS EA - MNRF Aurora District Information Request

To whom it concerns,

Please find attached our Information Request (cover letter, study area map and request form) for the John Street WWPS EA in Georgetown, Ontario.

Thank you,
Hannah Maciver



Hannah Maciver, B.E.S.
Terrestrial Ecologist

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
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Thank you.

September 27, 2017

Hannah Maciver
R.J. Burnside & Associates Limited
226-486-1555
Hannah.maciver@rjburnside.com

Re: Request for Information for the John Street Wastewater Pumping Station Class EA Study (as per map submission)
Town of Halton Hills, Regional Municipality of Halton

Dear Hannah,

In your email dated June 22, 2017 you requested information on Species at Risk occurring on or adjacent to the above mentioned location. There are Species at Risk recorded for your study area. As of the date of this letter, MNRF has records of:

- REDSIDE DACE (Endangered)
- CHIMNEY SWIFT (Threatened)
- EASTERN RIBBON SNAKE (Special Concern)
- NORTHERN MAP TURTLE (Special Concern)
- SNAPPING TURTLE (Special Concern)

Additionally, the species listed below have the potential to occur in your study area and may require further assessment or field studies to determine presence:

- BUTTERNUT (Endangered)
- EASTERN SMALL-FOOTED MYOTIS (Endangered)
- LITTLE BROWN MYOTIS (Endangered)
- NORTHERN MYOTIS (Endangered)
- TRI-COLOURED BAT (Endangered)
- BARN SWALLOW (Threatened)
- MONARCH (Special Concern)

The species listed above may receive protection under the *Endangered Species Act, 2007* (ESA) and thus, an approval from MNRF may be required if the work you are proposing could cause harm to these species or their habitats. If the Species at Risk in Ontario List is amended, additional species may be listed and protected under the ESA or the status and protection levels of currently listed species may change.

The project proposal is within East Credit River subwatershed which contains the regulated habitat of Redside Dace. MNRF is responsible for protecting this habitat under Ontario's Endangered Species Act, 2007. As defined under Ontario Regulation 242/08 (Section 29.1),

the regulated habitat of Redside Dace includes contributing features which are streams, permanent or intermittent headwater drainage features, groundwater discharge areas or wetlands that augment or maintain the baseflow, coarse sediment supply or surface water quality of areas currently known to be occupied by Redside Dace or areas which provide an opportunity for Redside Dace recovery / recolonization.

The project study area is directly adjacent to occupied Redside Dace habitat. Through the EA process the proponent should work closely with MNRF and the municipality to further assess and map the extent of regulated habitat and to discuss impact avoidance/alternatives.

Additional natural heritage information including information on wetlands and Areas of Natural and Scientific Interest (ANSIs) can be accessed through [Land Information Ontario](#) or through [NHIC's Make-a-Map](#).

Absence of information provided by MNRF for a given geographic area, or lack of current information for a given area or element, does not categorically mean the absence of sensitive species or features. Many areas in Ontario have never been surveyed and new plant and animal species records are still being discovered for many localities. For these reasons, the MNRF cannot provide a definitive statement on the presence, absence or condition of biological elements in any part of Ontario.

This Species at Risk information is highly sensitive and is not intended for any person or project unrelated to this undertaking. Please do not include any specific information in reports that will be available for public record. As you complete your fieldwork in these areas, please report all information related to any Species at Risk to our office. This will assist with updating our database and facilitate early consultation regarding your project.

If you have any questions or comments, please do not hesitate to contact ESA.aurora@ontario.ca.

Sincerely,



Gabrielle Gilchrist

Fish and Wildlife Technical Specialist
Ontario Ministry of Natural Resources and Forestry | Aurora District

Avid Banihashemi

From: Avid Banihashemi
Sent: Thursday, October 12, 2017 1:51 PM
To: 'Heaton, Mark (MNRF)'
Subject: RE: John St. WWPS EA - Ex-TAC Meeting Invitation

Good Afternoon Mark,

So sorry, I meant to send the email below to the Region.

I am still hoping that you will be able to attend the Ex-TAC meeting tomorrow. We just sent out the outlook invitation as a reminder notice. Could you kindly let us know if this would work for you?

Sorry for the confusion,

Very best,
Avid

-----Original Message-----

From: Heaton, Mark (MNRF) [<mailto:mark.heaton@ontario.ca>]
Sent: Thursday, October 12, 2017 1:46 PM
To: Avid Banihashemi
Subject: RE: John St. WWPS EA - Ex-TAC Meeting Invitation

Apology - the original email request was buried

Mark Heaton
Fish and Wildlife Biologist
OMNRF Aurora District
(905) 713 7406 office
(416) 993 1295 mobile

From: Avid Banihashemi [Avid.Banihashemi@rjburnside.com]
Sent: Thursday, October 12, 2017 1:36 PM
To: Heaton, Mark (MNRF)
Subject: FW: John St. WWPS EA - Ex-TAC Meeting Invitation

FYI

Avid Banihashemi
Environmental Project Manager

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Thank you.

From: Avid Banihashemi
Sent: Monday, September 18, 2017 3:39 PM
To: 'Heaton, Mark (MNRF)'
Cc: 'Oberoi, Sanjeev'
Subject: John St. WWPS EA - Ex-TAC Meeting Invitation

Good Afternoon Mr. Heaton,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment in Georgetown, ON (Notice of Study Commencement attached).

This email is to follow up in regards to your indication of interest to be part of John St. Class EA External Technical Advisory Committee and to invite you to attend the John St. Class EA Ex-TAC meeting on October 13th, 2:00pm-4:00pm, at 8140 Fifth Line North, Georgetown- Hornby Room.

This meeting will be the planned half-day Ex-TAC workshop which provides the Study Team and the Ex-TAC members with the opportunity to have a more in-depth discussion of the key study issues, concerns, or solutions, and the Ex-TAC members to provide advice to the Study Team. The role of Ex-TAC is advisory, with no voting to be undertaken.

Kindly please confirm your attendance by 29th September and feel free to contact us should you have any comments or questions.

Sincerely,
The John St. WWPS EA Project Team

From: "Heaton, Mark (MNRF)" <mark.heaton@ontario.ca>
Date: October 12, 2017 at 1:48:08 PM EDT
To: Nicholle Smith <Nicholle.Smith@rjburnside.com>
Subject: RE: John Street P.S. EA - Georgetown - Bat Surveys

Hello Nicholle

Not attending tomorrow's meeting. Will review document

Regards

Mark Heaton
Fish and Wildlife Biologist
OMNRF Aurora District
(905) 713 7406 office
(416) 993 1295 mobile

From: Nicholle Smith [Nicholle.Smith@rjburnside.com]
Sent: Thursday, October 12, 2017 12:06 PM
To: Heaton, Mark (MNRF)
Subject: John Street P.S. EA - Georgetown - Bat Surveys

Hi Mark

I hope that you are keeping well and I am sure you are still very busy. I have attached the relevant Bat survey information to assist in your preparation for the meeting tomorrow. The Project Manager here is hoping that there will be no surprises. The alternatives for alignment and discharge of the emergency overflow have been adjusted based on my recommendation around bat habitat trees, wetland pockets and groundwater seeps in the valley system.

If you have a chance to contact me prior to the meeting that would be great. If not I will see you tomorrow at 2pm.

Take care,
Nicholle

[cid:Burnside-2017-Final_gif]

Nicholle Smith,
Senior Terrestrial Ecologist
R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
Office: 800-265-9662 Direct: 226-486-1568
https://urldefense.proofpoint.com/v2/url?u=http-3A__www.rjburnside.com&d=DwIFAg&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_Cdp gnVfiiMM&r=KZAou2bOIxuR-hLCy0DFK0xMMMyM1ztOwwYzHEQq9f_o&m=mfWOaioVqAYeniyXH5g5xZaE53HH1K7mehsF9Ln4bbY&s=iKQbPKayU8eZcKILahuUskQJsSDEn3a3JQFFhHgyvjI&e=

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Avid Banihashemi

From: Avid Banihashemi
Sent: Friday, October 27, 2017 1:46 PM
To: 'Heaton, Mark (MNRF)'
Subject: RE: John St. WWPS EA - Ex-TAC Meeting Invitation

Thanks a lot Mark. Would 2-4pm (13th Nov) work for you? Where is best for you to meet? The Team can meet with you at Halton Region (1151 Bronte Road, Oakville), or your office, or any other location that is most convenient for you?

Thanks again,

Best,
Avid

From: Heaton, Mark (MNRF) [mailto:mark.heaton@ontario.ca]
Sent: Friday, October 27, 2017 12:42 PM
To: Avid Banihashemi
Subject: RE: John St. WWPS EA - Ex-TAC Meeting Invitation

Afternoon of Nov 13th is the earliest date available

From: Avid Banihashemi [mailto:Avid.Banihashemi@rjburnside.com]
Sent: October 27, 2017 11:33 AM
To: Heaton, Mark (MNRF)
Subject: RE: John St. WWPS EA - Ex-TAC Meeting Invitation

Good morning Mark,

I am writing, on behalf of Halton Region, to follow up on the email below on rescheduling the previously planned meeting with the John St. WWPS EA Project Team. Could you kindly please let us know of your preferred date/time (suggested below) for this meeting?

Thanks,

Best regards,
The John St. WWPS EA Project Team

Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: 800-265-9662 Direct: 226-486-1562

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Thank you.

-----Original Message-----
From: Avid Banihashemi

Sent: Monday, October 16, 2017 1:58 PM
To: 'Heaton, Mark (MNRF)'
Cc: 'Oberoi, Sanjeev'
Subject: RE: John St. WWPS EA - Ex-TAC Meeting Invitation

Good afternoon Mark,

The John St. WWPS EA Project Team would like to suggest to reschedule the planned meeting with MNRF to have a more in-depth discussion of the key study issues, concerns, or solutions. On behalf of Halton Region, I would like to propose the dates/times below:

1st November - AM or PM
3rd November - AM
10th November - AM

Could you kindly please let us know of your preferred date/time for this meeting?

Thanks,

Best regards,
The John St. WWPS EA Project Team

-----Original Message-----

From: Avid Banihashemi
Sent: Thursday, October 12, 2017 1:51 PM
To: 'Heaton, Mark (MNRF)'
Subject: RE: John St. WWPS EA - Ex-TAC Meeting Invitation

Good Afternoon Mark,

So sorry, I meant to send the email below to the Region.

I am still hoping that you will be able to attend the Ex-TAC meeting tomorrow. We just sent out the outlook invitation as a reminder notice. Could you kindly let us know if this would work for you?

Sorry for the confusion,

Very best,
Avid

-----Original Message-----

From: Heaton, Mark (MNRF) [<mailto:mark.heaton@ontario.ca>]
Sent: Thursday, October 12, 2017 1:46 PM
To: Avid Banihashemi
Subject: RE: John St. WWPS EA - Ex-TAC Meeting Invitation

Apology - the original email request was buried

Mark Heaton
Fish and Wildlife Biologist
OMNRF Aurora District
(905) 713 7406 office
(416) 993 1295 mobile

From: Avid Banihashemi [Avid.Banihashemi@rjburnside.com]
Sent: Thursday, October 12, 2017 1:36 PM
To: Heaton, Mark (MNRF)
Subject: FW: John St. WWPS EA - Ex-TAC Meeting Invitation

FYI

Avid Banihashemi
Environmental Project Manager

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Thank you.

From: Avid Banihashemi
Sent: Monday, September 18, 2017 3:39 PM
To: 'Heaton, Mark (MNRF)'
Cc: 'Oberoi, Sanjeev'
Subject: John St. WWPS EA - Ex-TAC Meeting Invitation

Good Afternoon Mr. Heaton,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment in Georgetown, ON (Notice of Study Commencement attached).

This email is to follow up in regards to your indication of interest to be part of John St. Class EA External Technical Advisory Committee and to invite you to attend the John St. Class EA Ex-TAC meeting on October 13th, 2:00pm-4:00pm, at 8140 Fifth Line North, Georgetown- Hornby Room.

This meeting will be the planned half-day Ex-TAC workshop which provides the Study Team and the Ex-TAC members with the opportunity to have a more in-depth discussion of the key study issues, concerns, or solutions, and the Ex-TAC members to provide advice to the Study Team. The role of Ex-TAC is advisory, with no voting to be undertaken.

Kindly please confirm your attendance by 29th September and feel free to contact us should you have any comments or questions.

Sincerely,
The John St. WWPS EA Project Team

Avid Banihashemi

From: Heaton, Mark (MNRF) <mark.heaton@ontario.ca>
Sent: Monday, October 30, 2017 9:12 AM
To: Oberoi, Sanjeev; Jeff Langlois; Avid Banihashemi; Nicholle Smith; Gilmore, Adam; Green-Battiston, Melissa; Dean, Jerry
Subject: RE: EX-TAC meeting with Mark Heaton (MNRF) for John Street WWPS Class EA Study

Sorry - as it turns out, Nov 13 is a statutory holiday for Remembrance Day

Afternoon of the 17th is available. Prefer to meet close to Georgetown if possible - Burnside offices in Mississauga is fine too

Mark Heaton
Fish and Wildlife Biologist
OMNRF Aurora District
(905) 713 7406 office
(416) 993 1295 mobile

From: Oberoi, Sanjeev [Sanjeev.Oberoi@halton.ca]
Sent: Monday, October 30, 2017 8:27 AM
To: Heaton, Mark (MNRF); 'Jeff.Langlois@rjburnside.com' (Jeff.Langlois@rjburnside.com); Avid Banihashemi (Avid.Banihashemi@rjburnside.com); Nicholle Smith (Nicholle.Smith@rjburnside.com); Gilmore, Adam; Green-Battiston, Melissa; Dean, Jerry
Subject: EX-TAC meeting with Mark Heaton (MNRF) for John Street WWPS Class EA Study
When: Monday, November 13, 2017 2:00 PM-4:00 PM.
Where: TBD



BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Minutes of Meeting

Meeting Date: November 17, 2017 **Project No.:** 300039946.0000
Project Name : Municipal Class Environmental Assessment Study for John Street
Wastewater Pumping Station
Meeting Subject: Ex-TAC Meeting #2
Meeting Location: Meadowvale Room - 6990 Creditview Road, Unit 2
Date Prepared: November 23, 2017

Those in attendance were:

Sanjeev Oberoi	Regional Municipality of Halton (Region)	Sanjeev.Oberoi@halton.ca
Melissa Green-Battiston	Region	Melissa.Green-Battiston@halton.ca
Jerry Dean	Region	Jerry.Dean@halton.ca
Jeff Langlois	R.J. Burnside & Associates Limited (Burnside)	Jeff.Langlois@rjburnside.com
Avid Bani Hashemi Jahromi	Burnside	Avid.Banihashemijahromi@ rjburnside.com.com
Nicholle Smith	Burnside	Nicholle.Smith@rjburnside.com
Chris Pfohl	Burnside	Chris.Pfohl@rjburnside.com
Mark Heaton	Ministry of Natural Resources and Forestry (MNRF)	Mark.Heaton@ontario.ca

Regrets

Adam Gilmore	Region	Adam.Gilmore@halton.ca
--------------	--------	------------------------

The following items were discussed

Action by

1. Welcome

- 1.1 Jeff started with thanking everyone for their time. Copies of the presentation hand-out were circulated.

The following items were discussed	Action by
2. Introduction	
2.1 Jeff introduced himself and RJB staff. The Region Team introduced themselves and their roles.	
3. Review of Study Area and Background Information	
3.1 Jeff discussed the meeting agenda, reviewed the meeting objectives and noted that the intent of the meeting was for the Project Team to solicit input from MNRF on the Project Team's recommended preliminary preferred alternative prior to the Public Information Centre (PIC).	
3.2 Jeff further discussed the project needs and justification, the Municipal Class EA Process, the Study Area and the Study Area map with elements and features and the Problem and Opportunity Statement.	
3.3 Overall Jeff noted that following major elements will need to be addressed for the John Street Wastewater Pumping Station (WWPS):	
Currently:	
<ul style="list-style-type: none">• Lack of an emergency overflow;• Relatively low emergency storage volume (providing ten to fifteen minutes of storage at peak wet weather flow); and• Single forcemain servicing WWPS.	
To be provided:	
<ul style="list-style-type: none">• An Emergency Overflow;• Adequate Emergency Storage;• Dry Well / Wet Well WWPS;• Four pumps in a drywell;• Required pump cycle times;• Twin Forcemains; and• Standby Gen-Set.	
4. Overflow Constraints	
4.1 Jeff discussed the constraints associated with providing an emergency overflow, including:	
<ul style="list-style-type: none">• CVC regulated areas;• Natural heritage / ecological features and functions;	

The following items were discussed	Action by
<p data-bbox="321 310 1136 462"><ul style="list-style-type: none">• Overflow configuration and local environmental constraints;• Required easement;• Local limitations (i.e., CRAA activities); and• Flowrates / discharge quality / frequency.</p> <p data-bbox="181 483 1214 709">4.2 Nicholle presented the local environmental constrains slide and explained the terrestrial studies that have been completed and a brief on the findings. She pointed to the areas for which Wildlife Review (Breeding Birds, Reptiles and Amphibians, and Bats) and Vegetation Review (Ecological Land Classification, ELC) has been performed. She further elucidated that:</p> <ul data-bbox="321 730 1214 1780" style="list-style-type: none">• Bat surveys included leaf off, leaf on, and acoustic bat studies. Acoustic bat survey studies were performed at five stations along the corridor along the Credit River (Wolf property). Evidence of Myotis SAR (Species at Risk) bats was noted within the forest with the highest frequency at Stations 1 and 5. She noted that the mitigation measures related to the SAR bats in the corridor include (1) avoiding the areas were high frequency of calls has been recorded; and (2) Trenchless Technology for the overflow pipe.• No targeted studies were performed for basking turtles or snakes. However, snapping turtle have been confirmed nesting near the proposed overflow Location D during the aquatic site visit.• Areas of groundwater discharge were identified in the proximity of proposed overflow Location A. A buffer distance between overflow Location A and the groundwater discharge locations was recommended to mitigate potential impacts.• Vegetation within the private ponds is variable based on both water depth and temperatures; including cattail marsh, shallow floating aquatic marsh and emergent shallow marsh.• Water temperatures in the ponds were measured during the aquatic assessment and indicate the presence of groundwater inputs. Vegetation communities had been impacted by anthropogenic land uses (mowing, trailers, feeding wildlife, etc.).• A tree inventory along the potentially affected roads as well as the corridor along the Credit River (tree characterization along potentially impacted area) has been completed. <p data-bbox="321 1801 1214 1881">Nicholle also presented the photographs illustrating the dynamics of water in the private ponds and the Credit River.</p>	

The following items were discussed	Action by
<p>4.3 Chris explained the aquatic studies that have been performed. He elaborated on findings related to:</p> <ul style="list-style-type: none">• Ground water discharge feeding the Hatchery;• Private ponds and habitat features;• Swale beside the Wolf lane (6-8°C, confirming the source to be ground water);• Brown trout and Salmonids in mainstem of Credit River;• Spawning in the private ponds; and• Rocks, concrete, etc. used to stabilize Credit River banks along Wolf land.	
<p>4.4 Mark re-emphasized that the hatchery is being fed by gravity ground water and it is important to ensure that their feed water is not going to be affected. He also mentioned that CRAA carries an MNRF-approved licence which has recently been renewed.</p>	
5. Preliminary Alternative Solutions	
<p>5.1 Jeff presented preliminary alternative solutions including:</p> <ul style="list-style-type: none">• Alternative 1 - Do Nothing.• Alternative 2 - Upgrade existing station.• Alternative 3 - Build new station at the existing location (within the John Street Park area).• Alternative 4 - New station at a new location.• Alternative 5 - Redirecting flow from Lynden Circle.• Alternative 6 - I & I (Infiltration and Inflow). <p>It was noted that Alternatives 5 and 6 are not considered stand-alone alternatives and may be considered in combination with Alternatives 2, 3, or 4.</p>	
<p>5.2 Jeff further discussed:</p> <ul style="list-style-type: none">• Alternative 2 brings the existing station up to standards, and includes an emergency overflow and emergency storage. It was noted that the amount of new construction associated with bringing the existing station up to standards makes this alternative very similar to Alternative 3. Under Alternative 2 the existing wet well and drywell spaces would be converted to form a small portion of the required emergency storage. The balance of the existing station would be decommissioned. Three potential emergency overflow options were discussed as	

The following items were discussed	Action by
<p>sub-alternatives. Overflow locations have been identified as:</p> <ul style="list-style-type: none"> – Location A: Overflow discharge to the river, upstream of the hatchery; – Location B: Overflow discharge to a private pond (<i>screened out due to environmental constraints</i>); – Location C: Overflow discharge connecting to the Lynden Circle storm (<i>screened out due to environmental constraints / storm capacity</i>); and – Location D: Just upstream of the bridge on River Drive (<i>screened out for this alternative due to proximity constraints</i>). <p>Two of the overflow locations (B and C) have been screened out, and only Location A has been carried forward for this Alternative, as well as Alternative 3.</p> <ul style="list-style-type: none"> • Alternative 3 is very similar to Alternative 2, with respect to the magnitude of construction required, however this alternative includes completely new WWPS structures. • Alternative 4 includes a new station at a new location. The potential new locations were selected because they are on Town owned lands and could be easily acquired. The evaluation of this option is based on relocating to the WWPS to Barber Mill Park. For this alternative the overflow discharge location is Location D (just upstream the bridge on River Drive). This location is significantly closer to the proposed WWPS location associated with Alternative 4. • Alternative 5 includes redirecting flow from Lynden Circle directly to the gravity sewer at John Street and Victoria Avenue. This would reduce the flows directed to the John Street WWPS. On its own this alternative does not solve the problem and would have to be undertaken in combination with Alternative 2, 3 or 4. <p>Alternative 6: I & I (Infiltration and Inflow). This alternative could reduce peak flow to station. On its own this alternative does not solve the problem and would have to be undertaken in combination with Alternative 2, 3 or 4.</p>	
<p>5.3 Alternative Evaluation</p>	
<p>Jeff further presented the Evaluation Criteria and the evaluation methodology through an evaluation matrix. He elaborated on evaluation matrix for each alternative and discussed how they have been rated through the evaluation process. He further discussed</p>	

The following items were discussed	Action by
<p>that Alternative 3 has been ranked as the most preferred alternative and has been recommended by the project team as the preliminary preferred Alternative Solution.</p>	
<p>6. Proposed Overflow Configuration</p>	
<p>6.1 Jeff presented the proposed overflow configuration (Location A) for the preliminary preferred alternative (Alternative 3, with emergency discharge at discharge Location A). Jeff further noted that the overflow line at Location A is proposed to be trenchless to mitigate potential impacts.</p>	
<p>6.2 Jeff further explained that similar to the overflow designed for Glen Williams Pumping Station, the overflow will be piped to the river bank and a headwall installed on the stream side of the existing pathway and a small spillway provided to the river edge. Details would be established during detailed design.</p>	
<p>6.3 Mark asked about what frequency the Project Team would expect the emergency overflow discharge may be used. Jerry explained that Lynden Circle Pumping Station currently has an overflow to the Credit River (through Lilac Lane) which has never been used so far. He further explained that currently John Street WWPS has a small equalization / storage (adequate for 5-10 minutes at peak flow) and no overflow. It is planned that the upgraded / new pumping station would be provided with standby pumps and 1 hour of emergency storage. Standby power will also be provided. The emergency overflow would be used only in case of a total failure of the pumping system and then once the 1 hour storage volume had been filled up. The overflow will be designed to operate by gravity. Jerry also noted that in such situations all the details will be recorded. He further noted that an on-call 24/7 operator will receive any alarms if any of the above-mentioned barriers fail well in advance of an actual discharge. Jerry also discussed that in the case that an overflow to the river occurs, the clean-up procedure will be specific to the discharge location and will include taking pictures (before and after), taking samples, and submissions to the MOECC, which includes preparing a detailed report on how the flow is managed.</p>	
<p>6.4 Mark noted that proposed discharge Location A is in an area prone to erosion (outside curve of a meander) which would increase the risk of the future headwall structure being damaged by ice. The existing dam at the Barbour mill backs ice up to the Glen Williams</p>	

The following items were discussed	Action by
<p>bridge in the spring and poses additional risk of damage to the proposed outfall at Location A. This location may also require easement on crown land as Mark noted that the crown owns the river bed area. Proposed discharge Locations B and C are not at the same risk of ice damage as they are benign in terms of river movement. Proposed overflow discharge Location D has the potential of ice damage in the proximity of the Barber Mill Dam. It would not require an easement if it can be located completely in the existing the right of way (the full land requirement has not confirmed at this stage).</p>	
<p>Jeff noted that a geomorphology study has been suggested to be performed at the detailed design stage by CVC but that we can consider advancing this work.</p>	
<p>6.5 Mark suggested that potential for use of discharge location C be reconsidered noting that this location does not discharge directly to the river and an easement exists. Mark noted it may be possible to twin the existing pipe or upgrade it if capacity is the issue. The Project Team noted this for evaluation.</p> <p>Mark further suggested that if proposed overflow Location A is used it could be realigned along Wolf Lane, which will provide an opportunity to repair erosion on Wolf Lane (in the proximity of the proposed overflow Location A. He suggested that the overflow discharge pipe could be installed via open cut construction along Wolf Lane (eliminating the need for directional drilling) given that this is an existing "road" and already disturbed.</p> <p>Mark inquired about the precise method for installing the overflow discharge pipe: would it be micro-tunneling or directional drilling? Sanjeev responded that this will be identified during the detailed design stage.</p>	<p>Burnside and Region</p>
<p>6.6 Based on the above discussion, the PIC boards will be slightly modified to note that the preferred alternative is preliminary and that the overflow location may be further refined. It will also be further refined based on findings from studies completed during later project phases (i.e., after completion of the EA Study), such as geomorphology, geotechnical, and hydrogeology investigations.</p>	<p>Burnside and Region</p>
<p>6.7 Sanjeev asked Mark about the bats survey results and if any permits are necessary. Mark responded that no SAR permits are anticipated.</p>	

The following items were discussed	Action by
<p>7. Next Steps</p>	
<p>7.1 Jeff discussed the project schedule and indicated that a PIC is scheduled for November 30, 2017. Agency reviews will continue through January 2018, and the Notice of Completion is tentatively scheduled for March 2018.</p> <p>Mark recommended that improvements to the WWPS and the addition of an overflow (where none currently exists) be discussed separately in the EA. He suggested that we expand our impact assessment to address this.</p>	<p>Burnside and Region</p>
<p>8. Adjournment</p>	
<p>The meeting was adjourned thanking everyone for their time and input.</p>	
<p>Key Action Items:</p>	
<ul style="list-style-type: none"> • Project Team to revisit the evaluation of the option of discharge Location C noting that this location does not discharge directly to the river and an easement currently exists. 	<p>Burnside</p>
<ul style="list-style-type: none"> • Project Team to evaluate realigning the emergency overflow Location A along Wolf Lane. 	<p>Burnside</p>
<ul style="list-style-type: none"> • Project Team to slightly modify the PIC boards to note that the preferred alternative is preliminary and that the overflow location may be further refined. 	<p>Burnside/ Region</p>
<ul style="list-style-type: none"> • Project Team to document the need for an overflow separately from the additional improvements to the WWPS. 	<p>Burnside</p>

The preceding are the minutes of the meeting as observed by the undersigned. Should there be a need for revision, please advise Burnside within seven days of issuance. In the absence of notification to the contrary, these minutes will be deemed to be an accurate record of the meeting.

Minutes prepared by:

R.J. Burnside & Associates Limited

A handwritten signature in black ink, appearing to read 'J. Langlois', is positioned above the printed name.

Jeff Langlois, P.Eng., MBA
Project Manager
AB/JL:js

Distribution:

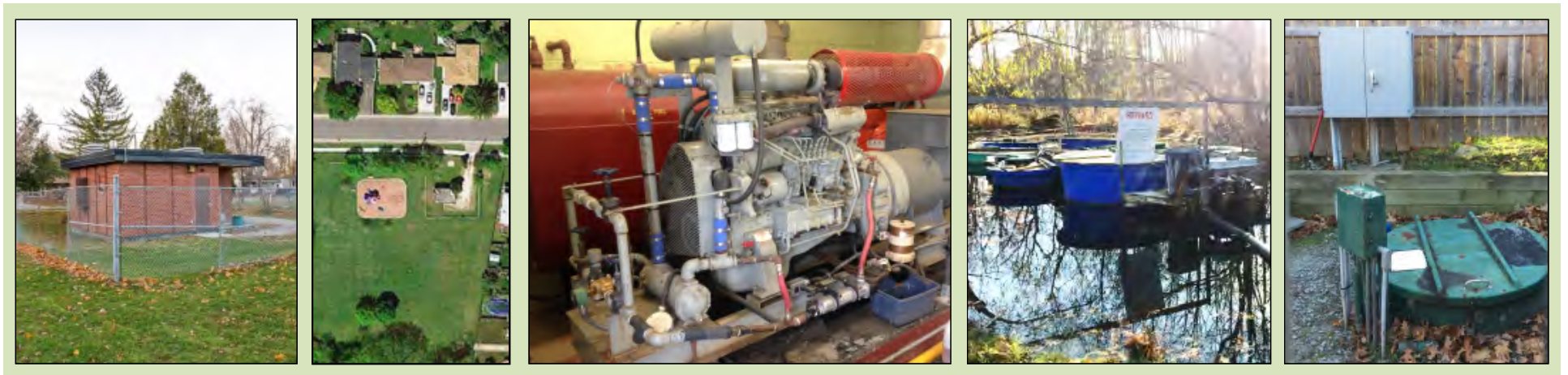
All Attendees and Regrets

Other than by the addressee, copying or distribution of this document, in whole or in part, is not permitted without the express written consent of R.J. Burnside & Associates Limited.

171117 - ExTAC - Meeting No 2 Minutes - 039946.docx
1/5/2018 3:14 PM

Municipal Class Environmental Assessment Study JOHN STREET WASTEWATER PUMPING STATION

Ex-TAC Meeting
17 November, 2017



AGENDA

- Introductions
- Meeting Objective
- Needs and Justification
- Overview of Study Area
- Project Constraints
- Description/ Evaluation of Alternatives
- Preliminary Preferred Alternative
- Discussion

MEETING OBJECTIVES

To solicit input from Ex-TAC members regarding the project team's recommended preliminary preferred alternative prior to the Public Information Centre (PIC).

NEEDS AND JUSTIFICATION

The Region's John Street Wastewater Pumping Station (WWPS) in Georgetown is nearing the end of its useful life and requires significant capital upgrades in order to maintain the station in a state of good repair.

Currently,

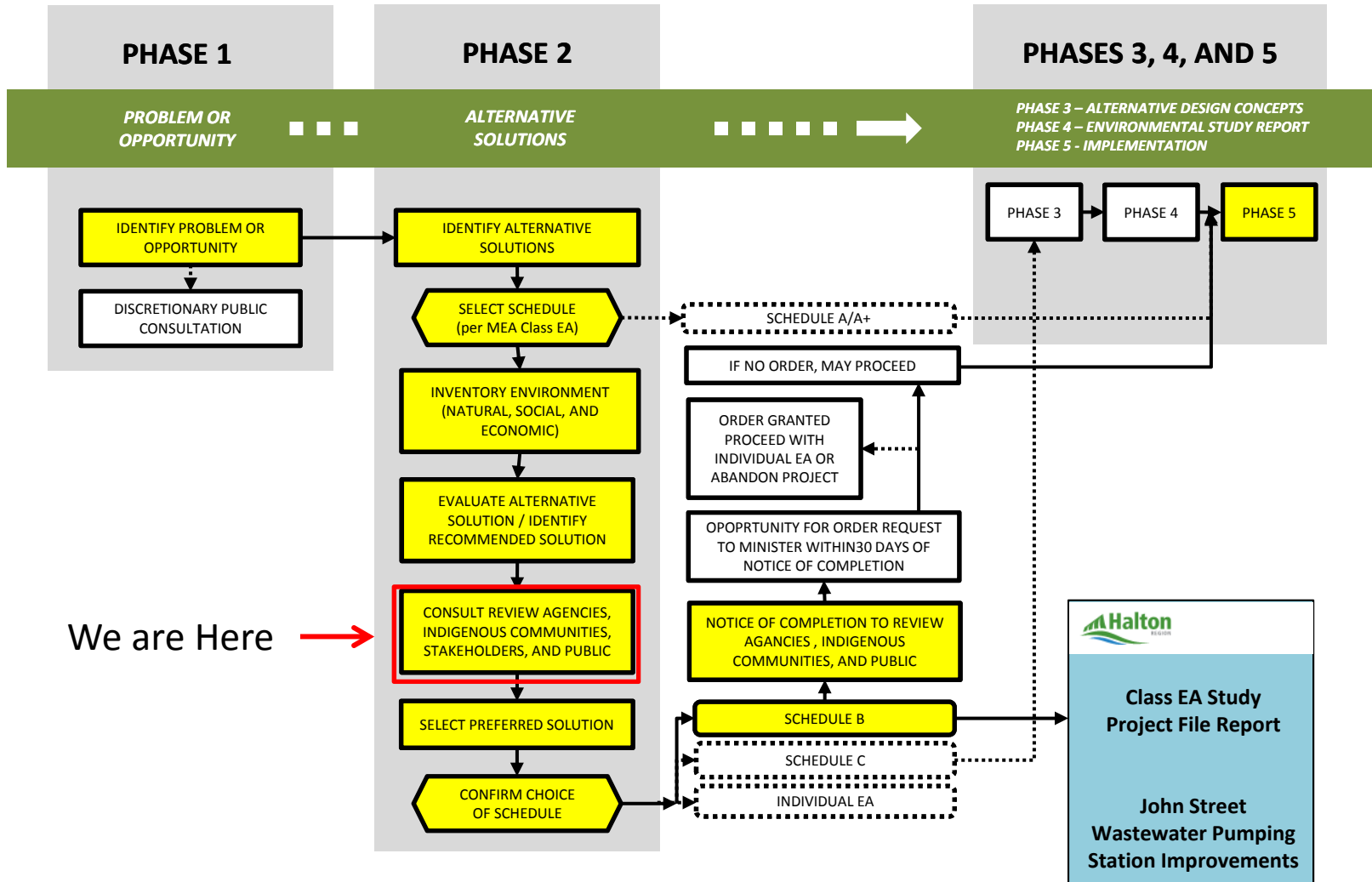
- No provision of an emergency overflow
- Relatively low retention time (10 – 15 min @ PWWF) in the wet well
- Single forcemain servicing WWPS

PROBLEM AND OPPORTUNITY STATEMENT

The purpose of this study is to undertake a Schedule B Municipal Class Environmental Assessment to consider a wide range of wastewater pumping station upgrades and emergency overflow alternatives in order to determine the most appropriate design concept that meets Halton Region's latest wastewater pumping station design standards and adequately manages any potential surcharging in the nearby sanitary collection system.



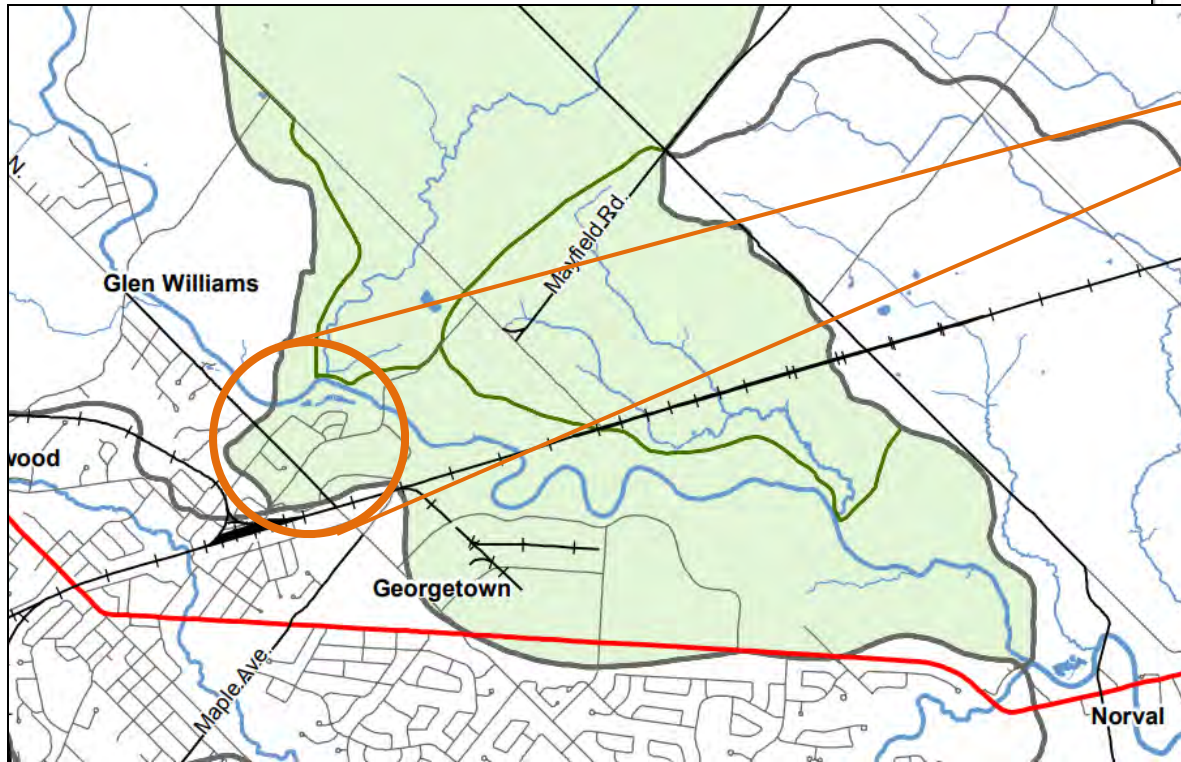
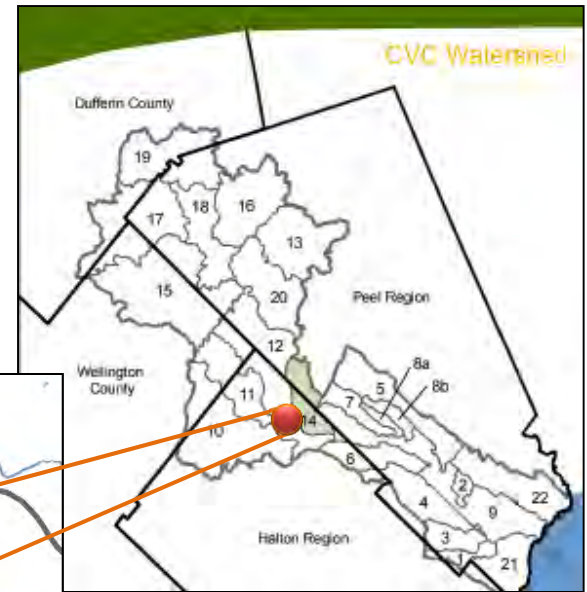
CLASS EA ENVIRONMENTAL ASSESSMENT PROCESS



JOHN ST. WWPS EA

CVC Sub-watershed 14

Credit River (Glen Williams to Norval)



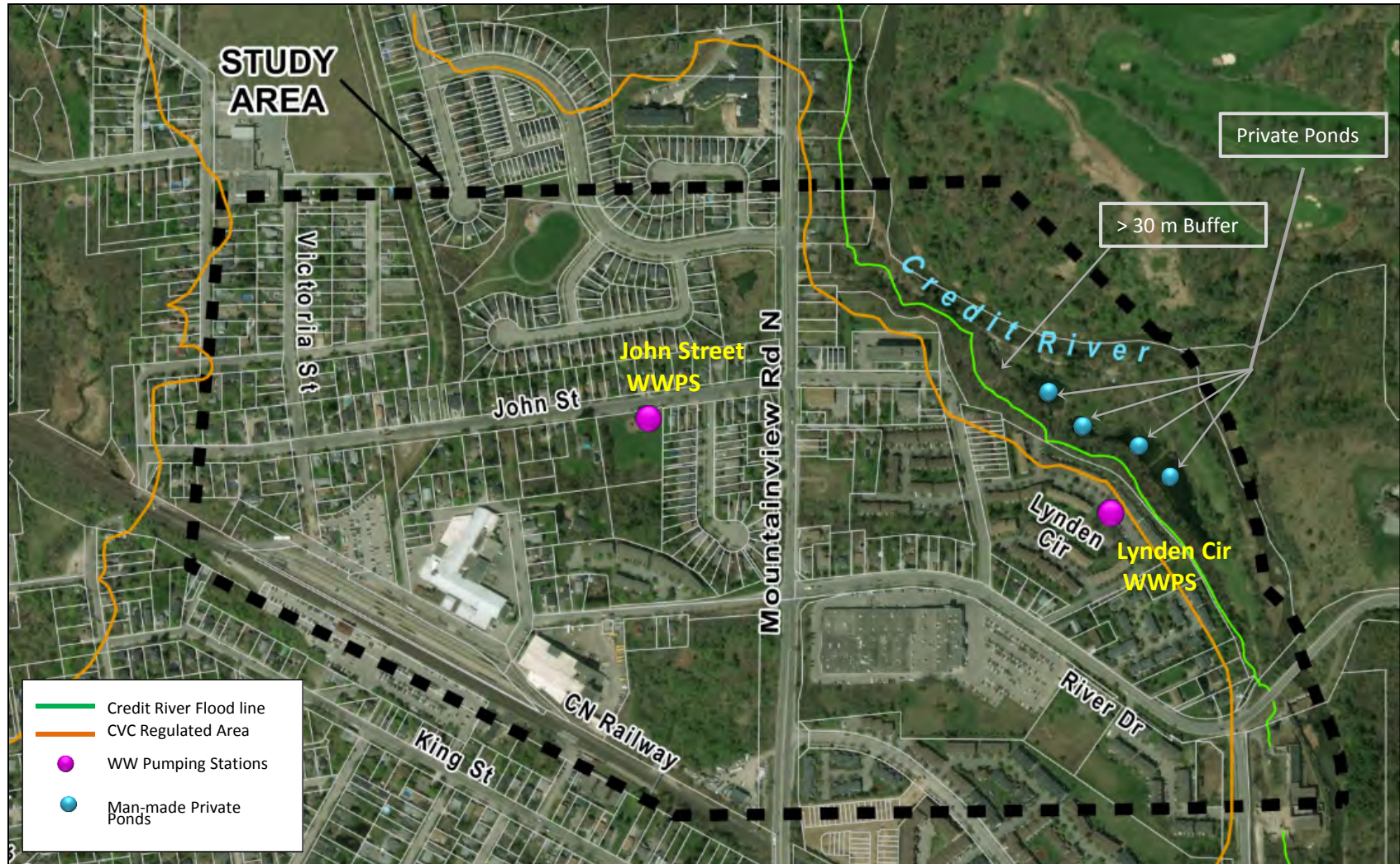
STUDY AREA Features

- 1 John St. WWPS
- 2 John St. Public Park
- 3 Victoria St. gravity sewer
- 4 The Credit River Anglers Association (CRAA) Fish Hatchery
- 5 Potential Overflow Discharge Locations
- 6 Lynden Cr. WWPS
- 7 Local Private ponds (4)



JOHN ST. WWPS EA

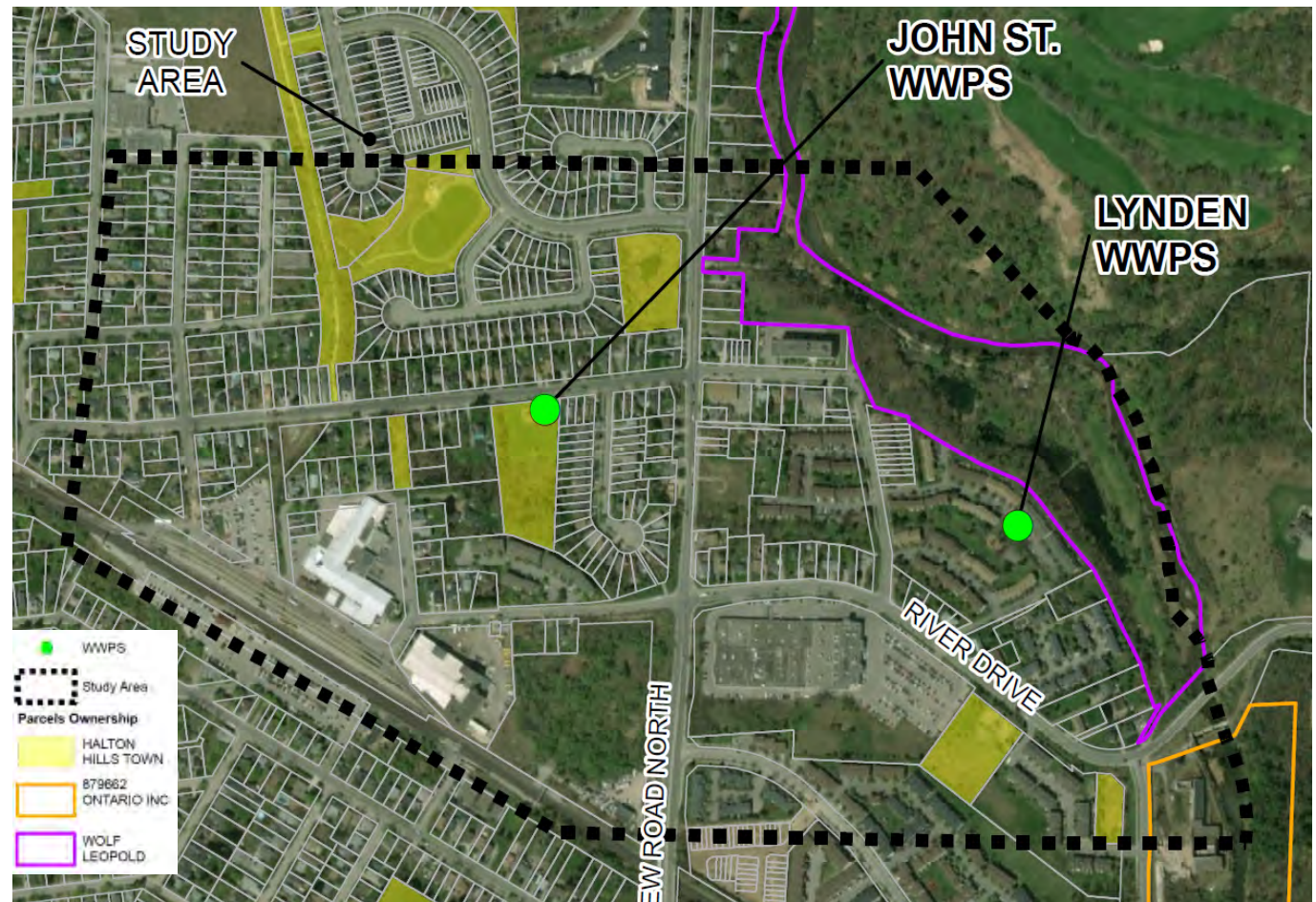
Flood Line and Private Ponds



CONSTRAINTS

Overflow limitations

- CVC regulated areas
- Overflow configuration and local environmental constraints
- Required easement
- Local limitations (i.e. CRAA activities)
- Flowrates/discharge quality/frequency



OVERFLOW: Local Environmental Constraints



Groundwater Seepage



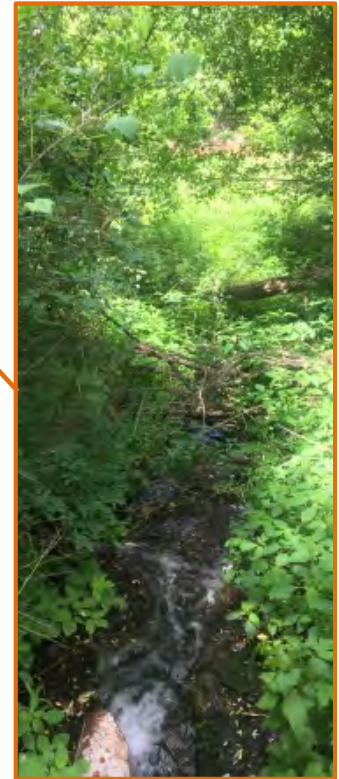
CRAA Hatchery Setup



Lynden Cr. Storm outlet



Private Ponds Connect



Private Pond Connect to the River

Private Ponds Connect



Lynden Cr. Storm inlet



STATUS OF TECHNICAL STUDIES / MEETINGS

- Natural Environment Review – Completed
- Stage 1 Archaeological Heritage Assessment – Completed
- Geotechnical Investigation - To be completed once Preferred Alternative is selected
- Subsurface Utility Engineering Investigation -To be completed once Preferred Alternative is selected
- Meeting with CVC held on Sep. 27, 2017 to obtain preliminary input on Alternatives and the location of proposed emergency overflow.

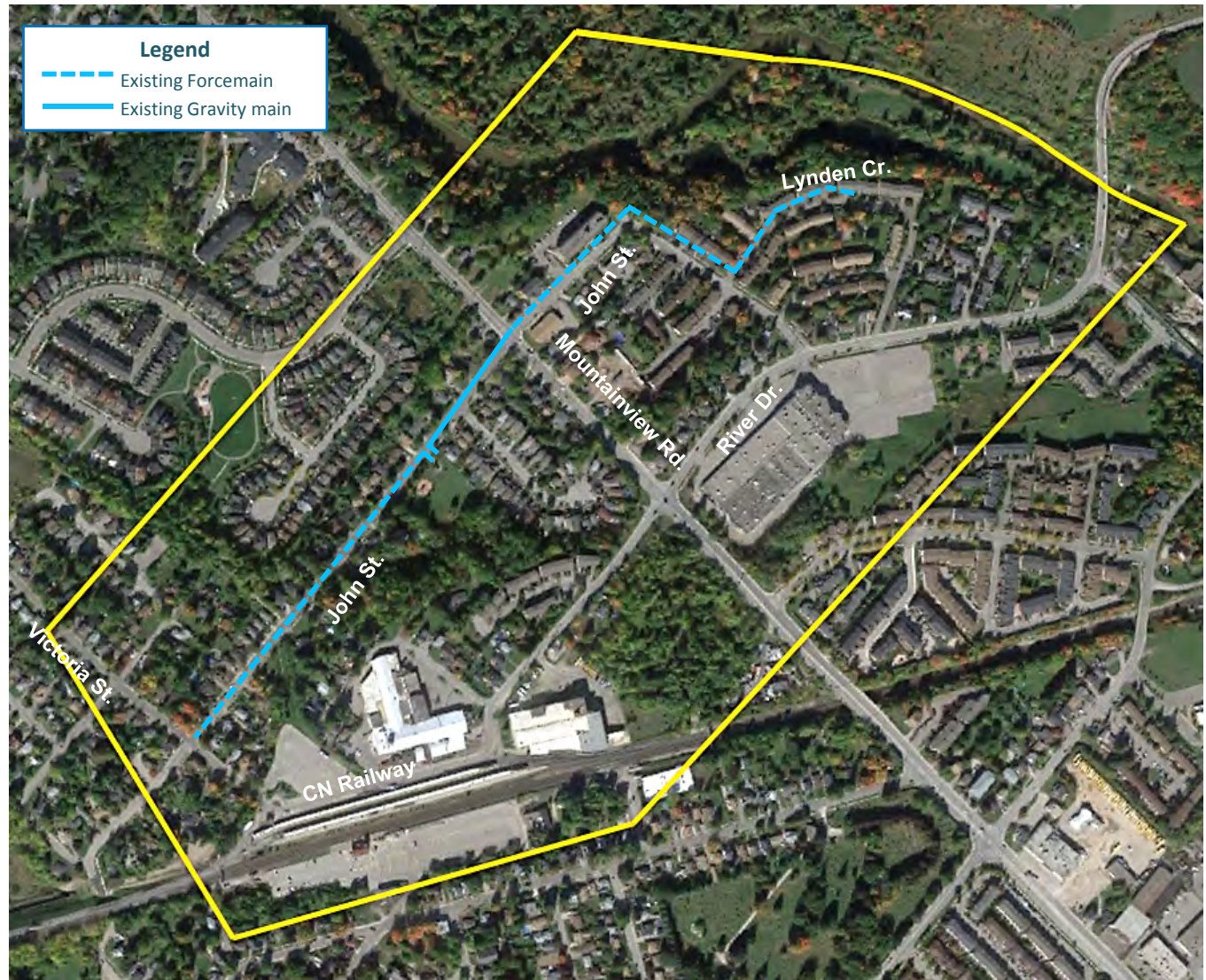
PRELIMINARY ALTERNATIVES

- **Alternative 1** – Do Nothing.
- **Alternative 2** – Upgrade the WWPS at the existing location including the provision of emergency storage and an emergency outflow.
- **Alternative 3** – Construct a Replacement Station at the existing location including the provision of emergency storage and an emergency outflow.
- **Alternative 4** – Construct a Replacement Station at a new location including the provision of emergency storage and an emergency outflow.
- **Alternative 5** – Redirect flow from the Lynden Circle SPS to the Victoria Street gravity sewer, by-passing the John Street SPS.
- **Alternative 6** – Reduce inflow and infiltration in the collection system.

Alternatives 5 and 6 could be considered in combination with Alternatives 2, 3, or 4.

ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

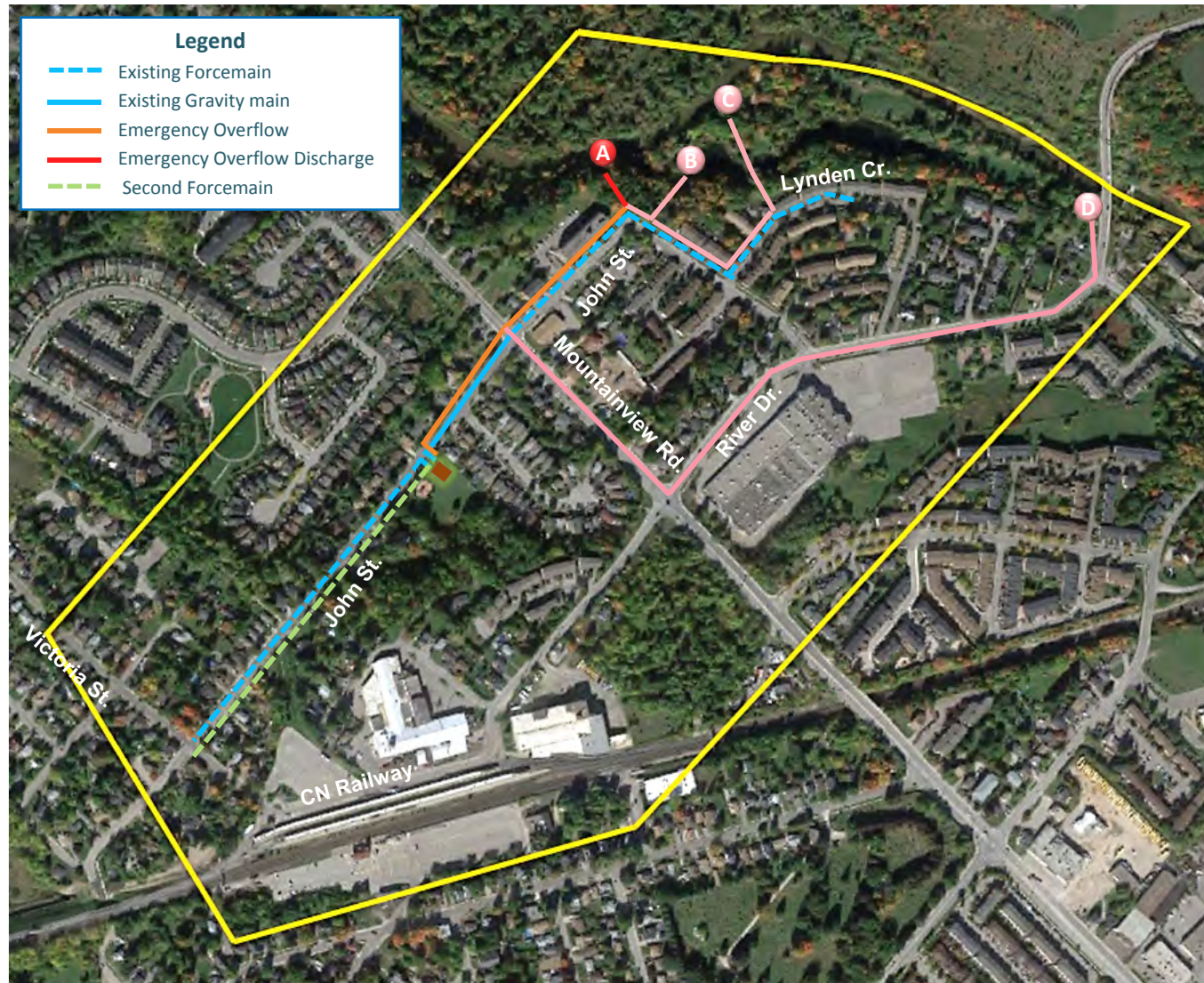


Do Nothing.

ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

- A Overflow discharge to the river, upstream the hatchery
- B Overflow discharge to private pond (*screened out*)
- C Overflow discharge connecting to the Lynden Cr. storm (*screened out*)
- D Overflow discharge to the river upstream Barber Mill Dam (*screened out*)



Added based on feedback from CVC

Upgrade at the existing location with emergency storage/outflow.



ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

Notes:

- Many of the components of the old PS need to be upgraded.
- The upgraded PS is required to meet current codes, Regional standards and MOECC guidelines.
- Major upgrades result in a cost that is very similar to the cost of a new pumping station.



Upgrade at the existing location with emergency storage/outflow.

ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

- A Overflow discharge to the river, upstream the hatchery
- B Overflow discharge to private pond (screened out)
- C Overflow discharge connecting to the Lynden Cr. storm (screened out)
- D Overflow discharge to the river upstream Barber Mill Dam (screened out)



Added based on feedback from CVC

Replacement Station at the existing location with emergency storage/outflow.



ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

D Overflow discharge upstream the Barber Mill dam, in the right of way.



Replacement Station at a new location with emergency storage/outflow.

EVALUATION CRITERIA

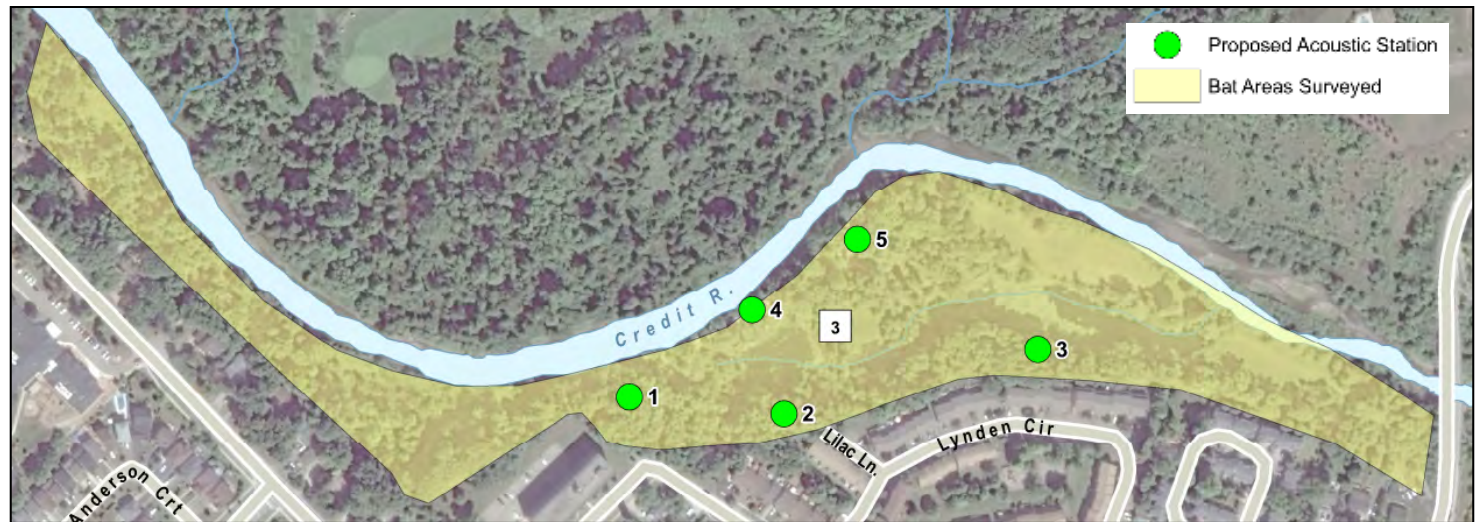
- Natural Environment
- Socio-Cultural Environment
- Technical/Operational Environment
- Legal/Jurisdictional Environment
- Economic Environment

NATURAL ENVIRONMENT

- Impacts to existing trees and vegetation communities
- Impacts to wildlife (Avian and Amphibians)
- Impacts to Bats
- Impacts to fish/aquatic habitat
- Impacts to surface water quality and drainage
- Impact/disturbance to soil/subsurface
- Impacts to groundwater quality

NATURAL ENVIRONMENT

Acoustic Bat Survey Results



- Evidence of Myotis SAR (Species at Risk) bat was noted within the woodlot. Provides roosting habitat for Little Brown Myotis and Eastern Small-footed Myotis.
- Woodlot also confirmed to provide maternity colony habitat for Big Brown Bat and Silver-haired Bat. This function would qualify the woodlot as SWH (Significant Wildlife Habitat). *MNRF criteria would identify the entire woodlot as potential SWH.*

EVALUATION MATRIX RATING

ORDER OF PREFERENCE	
Most Preferred	<input type="radio"/>
More Preferred	<input type="radio"/>
Somewhat Preferred	<input type="radio"/>
Less Preferred	<input type="radio"/>
Least Preferred	<input type="radio"/>



EVALUATION MATRIX

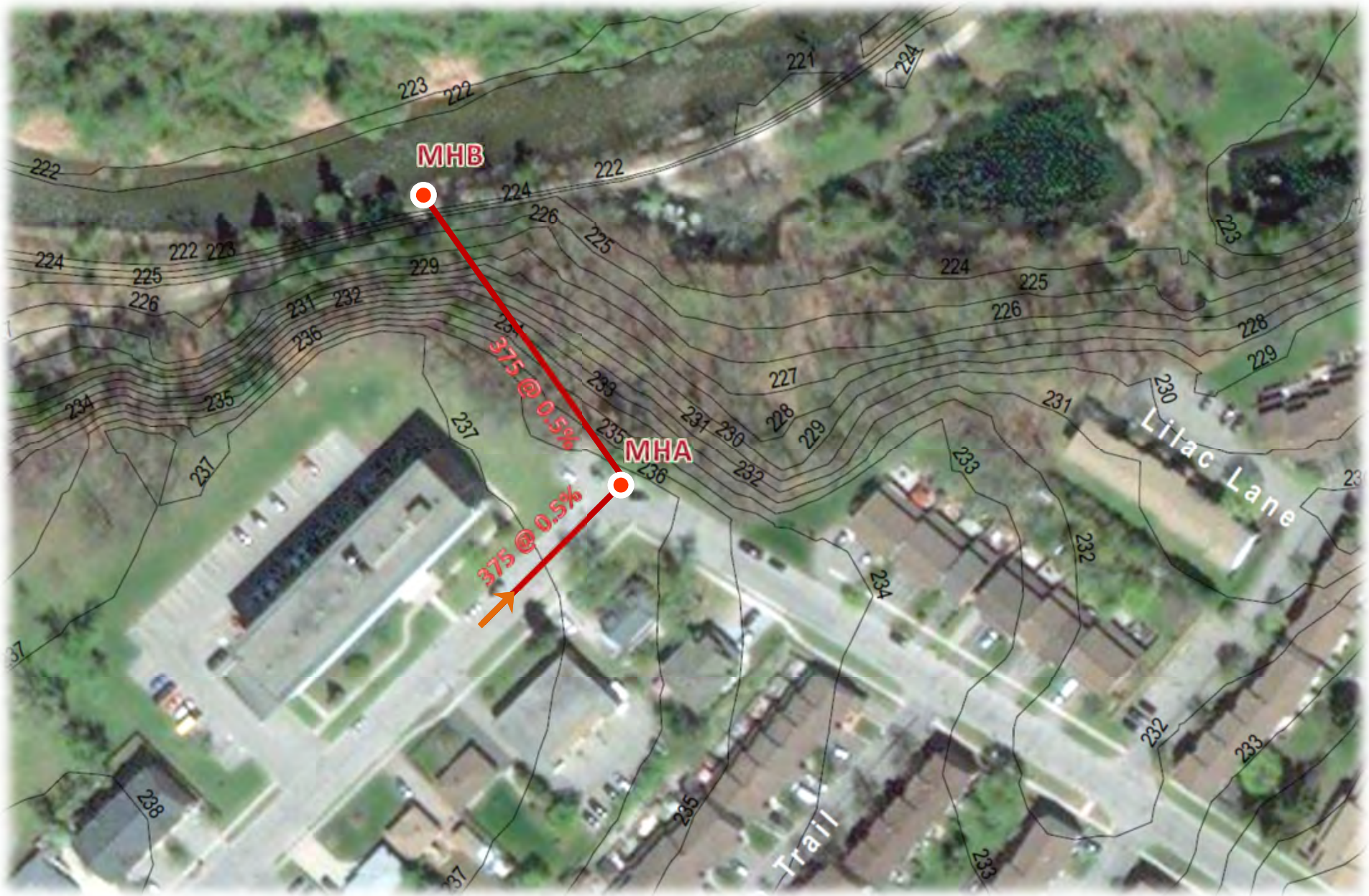
Evaluation Criteria	Alternative 1: Do Nothing	Alternative 2: Upgrade at the Existing Location with Emergency Storage and Overflow	Alternative 3: Replacement Station at the Existing Location with Emergency Storage and Overflow	Alternative 4: Replacement Station at a New Location with Emergency Storage and Overflow
Natural Environment	○ No impacts on trees/vegetation, or natural environmental habitats over existing conditions. Existing infrastructure could deteriorate over time, potentially impacting soil /groundwater quality through wastewater leaching.	● Requires tree/vegetation removals (pumping station site and emergency overflow location). Potential moderate to high impact on environmental habitats along the roads and at the overflow location.	● Requires tree/vegetation removals (pumping station site and emergency overflow location). Potential moderate to high impact on environmental habitats along the roads and at the overflow location.	● Highest impact to existing trees and vegetation communities. Will require the removal of a number of individual trees within an established public park (Barber Mill). Requires tree/vegetation removals at emergency overflow location. Potential moderate to high impact on environmental habitats along the roads and at the overflow location.
Socio-Cultural Environment	● Will not be able to address the local resident's, in the proximity of the pumping station, need for lowering the risk of sewer surcharging under extreme wet weather conditions. The system may become unsafe to operate and maintain and will eventually require replacement	● Moderate short term impacts including disruptions to existing land uses, traffic, access and noise. Park use may be impacted.	● Moderate short term impacts including disruptions to existing land uses, traffic, access and noise. Park use may be impacted.	● Highest short term impacts including disruptions to existing land use, traffic, access and noise due to extent of the construction work. Very wide/high level of disturbance to local residence during construction (also caused by deep and long linear work)
Legal and Jurisdictional Environment	○ No impacts over existing conditions. No approvals permits or regulatory constraints.	● Easement required over private property for emergency overflow. Potential permits may be needed.	● Easement required over private property for emergency overflow. Potential permits may be needed.	● Easement may be required over private property for emergency overflow. Potential permits may be needed.
Technical/Operational Environment	● The facility would provide minimal reliability with high risk of system failure and sewage surcharge in major storm events. Does not meet the Halton Region's latest wastewater pumping station design standards. The operation and maintenance may become more complex as the pumping station ages.	● The upgrades and meeting the Region's design standards will minimize the complexity of the O&M. The facility must remain fully operational while upgrades are made posing constructability challenges. Potential impact on the underground utilities.	● The new pumping station will meet the Region's design standards and minimize the complexity of the O&M. Potential impact on the underground utilities.	● Deep and long new sewers would substantially add to the potential complexity of the construction, and impact on utilities. Additional/longer linear work would translate to more maintenance.
Economic Environment	○ No capital costs. No short-term impacts on nearby businesses. On going cost associated with operational and maintenance.	● Moderate capital cost. Low life cycle cost. Moderate short-term impacts on nearby businesses during construction.	● Moderate capital cost. Low Life Cycle Cost. Moderate short-term impacts on nearby businesses during construction.	● High capital cost. High Life Cycle Cost. Highest short-term impacts on nearby businesses during construction.
Addresses Project Problem and Opportunity Statement	✘	✓	✓	✓
Overall Summary	Not Carried Forward	Not Carried Forward	Carried Forward	Not Carried Forward

PRELIMINARY PREFERRED SOLUTION

Alternative 3:

Replacement Station at the Existing Location with Emergency Overflow to Credit River







PROPOSED OVERFLOW

PROPOSED OVERFLOW CONFIGURATION (easement requirements)



PROJECT SCHEDULE AND NEXT STEPS

- Notice of Commencement – March 2017
- Stakeholder communication – ongoing
 - First Nations, Agencies, Local Municipality, Commercial, Residents
- In-TAC #1 – April 2017
- In-TAC #2 – September 2017
- Ex-TAC #1 – October and November 2017
- Potential Individual Meetings with Non-agency Stakeholders (CRAA, Wolf Property Owner)
- Public Information Centre – November 30, 2017
- Agency Reviews – January 2018
- Notice of Completion, Project File for 30 days Public review – March, 2018

FOR FURTHER INFORMATION – CONTACT US

Mr. Sanjeev Oberoi, P.Eng.

Project Manager

Halton Region

1151 Bronte Road

Oakville, Ontario L6M 3L1

Phone: 905-825-6000 ext. 7921

Fax: 905-847-2192

Email: Sanjeev.Oberoi@halton.ca

Mr. Jeff Langlois, P. Eng., MBA

Project Manager

R. J. Burnside and Associates

292 Speedvale Avenue, Unit 20

Guelph, Ontario, N1H 1C4

Phone: 519-823-4995

Fax: 519-836-5477

Email: Jeff.Langlois@rjburnside.com



DISCUSSION

Avid Banihashemi

From: Heaton, Mark (MNRF) <mark.heaton@ontario.ca>
Sent: Thursday, June 07, 2018 1:23 PM
To: Oberoi, Sanjeev
Cc: Jeff Langlois; Avid Banihashemi; Marray, Liam
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Sanjeev

Review of the draft ESR has been completed.

Of interest is the deferral of the overflow location selection to detailed design stage. MNRF recommends that ESR state the preferred overflow location based on the environmental impacts and potential effects. Location A is not supported for a number of reasons relating to groundwater, an existing community fish hatchery and the instability of the Credit River at that location. Since our meeting of November 17, a portion of Wolfe Lane was lost this past February due to high flows overtopping the road. Locating an outfall on the outside bend of the Credit River, as portrayed in Option A, should be avoided.

A modified version of option C should be considered whereby the existing Lynden Circle easement is used and the headwall located at toe of valley wall. This modified option would not involve a direct connection to the Credit River.

Regards

Mark Heaton
OMNRF Aurora

-----Original Message-----

From: Oberoi, Sanjeev [mailto:Sanjeev.Oberoi@halton.ca]
Sent: June 6, 2018 2:43 PM
To: Heaton, Mark (MNRF) <mark.heaton@ontario.ca>
Cc: 'Jeff Langlois' <[Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report \(PFR\) Agency Distribution](https://urldefense.proofpoint.com/v2/url?u=http-3A__Jeff.Langlois-40rjburnside.com&d=DwlGaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=4k04vHjTlbb55CDolNfi5L-amIHwA4ez_tPKr0Gzado&m=Jsqv9sIKP82lPnrPolDniwUWzZ9TpM-zbrmxWMFsB28&s=6cZzc5wUyv4VDRglGmT5d0sD3iFurKulqDXjEnlsoS8&e=>'; 'Avid Banihashemi' <<a href=)

Thanks Mark.

We are planning to file the Project File Report on June 14, 2018. The final Project File Report will be open for a 45 day public review period (from June 14 – July 30). We will look forward to your comments for the final report during that time.

Sanjeev

Sanjeev Oberoi, P.Eng., PMP
Project Manager II
Infrastructure Planning & Policy
Halton Region
905-825-6000, ext. 7921 | 1-866-442-5866

-----Original Message-----

From: Heaton, Mark (MNRF) [mailto:mark.heaton@ontario.ca]
Sent: Wednesday, June 06, 2018 1:06 PM
To: Oberoi, Sanjeev
Cc: 'Jeff Langlois'; 'Avid Banihashemi'; Gilmore, Adam
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Hello Sanjeev

Very busy in May and June - will review if time permits

Regards

Mark Heaton
Fish and Wildlife Biologist
OMNRF Aurora District
(905) 713 7406 office
(416) 993 1295 mobile

From: Oberoi, Sanjeev [Sanjeev.Oberoi@halton.ca]
Sent: Wednesday, June 06, 2018 10:43 AM
To: Heaton, Mark (MNRF)
Cc: 'Jeff Langlois'; 'Avid Banihashemi'; Gilmore, Adam
Subject: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Good Morning Mark,

I had left you another voice message regarding this. Just a friendly reminder that please send me your comments (if any) regarding draft Project File Report for the John Street Municipal Class EA project.

Please note that the Region is planning to file the report on June 14th , 2018. The final Project File Report will be open for a 45 day public review period (from June 14th – July 30th). You will receive the Notice of Study Completion regarding this during the week of June 11th.

Thanks,
Sanjeev

Sanjeev Oberoi, P.Eng., PMP
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7921 | 1-866-442-5866

[Halton Region logo] [Twitter logo] <[3](https://urldefense.proofpoint.com/v2/url?u=https-3A__na01.safelinks.protection.outlook.com_-3Furl-3Dhttp-253A-252F-252Fwww.halton.ca-26data-3D02-257C01-257Cmark.heaton-2540ontario.ca-257C73840ac68a1d4c44ca4b08d5cbbbf158-257Ccddc1229ac2a4b97b78a0e5cacb5865c-257C0-257C0-257C636638930424412694-26sdata-3DmJXaO8XD16AkYtUACLmbbVOIZU5TT-252F-252FB7w0XkAXgnME-253D-26reserved-3D0&d=DwlGaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=4k04vHjTlbb55CDolNfi5L-</p></div><div data-bbox=)

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From: Oberoi, Sanjeev

Sent: Wednesday, May 30, 2018 12:34 PM

To: Heaton, Mark (MNRF)

Cc: Jeff Langlois; 'Avid Banihashemi'

Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Good Afternoon Mark,

I had left you a voice message regarding this too. Just a friendly reminder that please send me your comments regarding draft Project File Report for the John Street Municipal Class EA project.

Thanks,
Sanjeev

From: Avid Banihashemi [mailto:Avid.Banihashemi@rjburnside.com]

Sent: Friday, May 18, 2018 3:33 PM

To: Heaton, Mark (MNRF)

Cc: Jeff Langlois; Oberoi, Sanjeev

Subject: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Dear Mr. Heaton,

The Draft Project File Report (PFR) for John Street Wastewater Pumping Station (WWPS) Upgrades Schedule B Environmental Assessment Study has been distributed for agency review. A digital submission was made through email to you on 1st May 2018 including a Submission Letter, the Draft PFR, and the Draft PFR Appendices, for MNRF's review and comment. A hard copy of the Draft PFR was followed by courier.

This is a friendly reminder that we would appreciate comments from MNRF to Burnside and Halton Region by Tuesday, May 29, 2018.

Best Regards,

John Street WWPS EA Project Team

[cid:image001.png@01D3FD83.46ECE630]

Avid Banihashemi

Environmental Project Manager

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
Office: 800-265-9662 Direct: 226-486-1562

https://urldefense.proofpoint.com/v2/url?u=https-3A__na01.safelinks.protection.outlook.com_-3Furl-3Dwww.rjburnside.com-26data-3D02-257C01-257Cmark.heaton-2540ontario.ca-257C05c7498565594777c21208d5cbdd5f23-257Ccddc1229ac2a4b97b78a0e5cacb5865c-257C0-257C0-257C636639073995525582-26sdata-3DfjyDAQOZlaEaDv77SJ1tEqpLpgjIKc0qxS1RORqpw-252B4-253D-26reserved-3D0&d=DwlGaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=4k04vHjTlbb55CDolNfi5L-amlHwA4ez_tPKr0Gzado&m=Jsqv9sIKP82lPnrPolDniwUWzZ9TpM-zbrmxWMFsB28&s=aer4cMNK-3ROVveY8lwwNhYCGGoPHwAKa8cLHgw6ZL4&e=<https://urldefense.proofpoint.com/v2/url?u=https-3A__na01.safelinks.protection.outlook.com_-3Furl-3Dhttp-253A-252F-252Fwww.rjburnside.com-26data-3D02-257C01-257Cmark.heaton-2540ontario.ca-257C73840ac68a1d4c44ca4b08d5cbbbf158-257Ccddc1229ac2a4b97b78a0e5cacb5865c-257C0-257C0-257C636638930424412694-26sdata-3DlpeGXlWXMH5c3-252FBvJPCZUwbQBW2bid3-252BcmxnkKaNfJ0-253D-26reserved-3D0&d=DwlGaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=4k04vHjTlbb55CDolNfi5L-amlHwA4ez_tPKr0Gzado&m=Jsqv9sIKP82lPnrPolDniwUWzZ9TpM-zbrmxWMFsB28&s=V8T9JI1p4GHlhmZTsubVgfFtAnAevTa4lIOAPncWylo&e=>

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Thank you.

Avid Banihashemi

From: Gilmore, Adam <Adam.Gilmore@halton.ca>
Sent: Friday, June 08, 2018 4:39 PM
To: 'LMurray@creditvalleyca.ca'; 'mark.heaton@ontario.ca'
Cc: Oberoi, Sanjeev; Avid Banihashemi; Jeff Langlois; Green-Battiston, Melissa
Subject: FW: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Mark and Liam,

Thank you both for your review of the Draft John Street Wastewater Pumping Station EA Project File Report (PFR). As discussed with Mark Heaton this morning, we will be addressing your comments and commitment to confirm the emergency overflow location at detailed design.

As such, we will modify the PFR to clearly indicate that the location will be determined during detailed design. This approach will provide for the opportunity to complete required Geomorphology, Hydrogeological, and Geotechnical Studies, and consider the results of these works, prior to confirming an overflow location.

The messaging that we will incorporate into the PFR text and figures is as follows:

Four alternative locations (A, B, C and D) were identified as possible emergency overflow locations for the John Street WWPS:

- *Emergency overflow to Credit River - East end of John Street (location A)*
- *Emergency overflow to Private Ponds (Location B)*
- *Emergency overflow to Lynden Circle Storm sewer (Location C)*
- *Emergency overflow to Credit River - upstream of the River Road Bridge (Location D)*

The preferred emergency overflow location will be confirmed during the detailed design stage of the project. Selection of the preferred location will consider the results of Geomorphology, Hydrogeological, and Geotechnical studies, all of which will be completed during detailed design (as outlined in Section 8.5 – Future Commitments).

Please note that we will proceed with filing the PFR next week.

Kind regards,
Adam

Adam Gilmore, M.A.Sc., P.Eng.
Supervisor, Water & Wastewater Planning
Infrastructure Planning & Policy
Halton Region
905-825-6000, ext. 7134 | 1-866-442-5866

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-----Original Message-----

From: Oberoi, Sanjeev
Sent: Thursday, June 07, 2018 1:57 PM
To: Gilmore, Adam
Subject: FW: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Fyi

-----Original Message-----

From: Marray, Liam [<mailto:Liam.Marray@cvc.ca>]
Sent: Thursday, June 07, 2018 1:27 PM
To: Heaton, Mark (MNRF); Oberoi, Sanjeev
Cc: 'Jeff Langlois'; 'Avid Banihashemi'; Clark, Richard
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Sanjeev

I see MNRF has also concerns with Location A, maybe a joint meeting would be beneficial. I would also add Regional Planning Services to this meeting.

Thanks

Liam

-----Original Message-----

From: Heaton, Mark (MNRF) [<mailto:mark.heaton@ontario.ca>]
Sent: June 7, 2018 1:23 PM
To: Oberoi, Sanjeev
Cc: 'Jeff Langlois'; 'Avid Banihashemi'; Marray, Liam
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Hello Sanjeev

Review of the draft ESR has been completed.

Of interest is the deferral of the overflow location selection to detailed design stage. MNRF recommends that ESR state the preferred overflow location based on the environmental impacts and potential effects. Location A is not supported for a number of reasons relating to groundwater, an existing community fish hatchery and the instability of the Credit River at that location. Since our meeting of November 17, a portion of Wolfe Lane was lost this past February due to high flows overtopping the road. Locating an outfall on the outside bend of the Credit River, as portrayed in Option A, should be avoided.

A modified version of option C should be considered whereby the existing Lynden Circle easement is used and the headwall located at toe of valley wall. This modified option would not involve a direct connection to the Credit River.

Regards

Mark Heaton
OMNRF Aurora

-----Original Message-----

From: Oberoi, Sanjeev [<mailto:Sanjeev.Oberoi@halton.ca>]
Sent: June 6, 2018 2:43 PM
To: Heaton, Mark (MNR) <mark.heaton@ontario.ca>
Cc: 'Jeff Langlois' <Jeff.Langlois@rjburnside.com>; 'Avid Banihashemi' <Avid.Banihashemi@rjburnside.com>
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Thanks Mark.

We are planning to file the Project File Report on June 14, 2018. The final Project File Report will be open for a 45 day public review period (from June 14 – July 30). We will look forward to your comments for the final report during that time.

Sanjeev

Sanjeev Oberoi, P.Eng., PMP
Project Manager II
Infrastructure Planning & Policy
Halton Region
905-825-6000, ext. 7921 | 1-866-442-5866

-----Original Message-----

From: Heaton, Mark (MNR) [<mailto:mark.heaton@ontario.ca>]
Sent: Wednesday, June 06, 2018 1:06 PM
To: Oberoi, Sanjeev
Cc: 'Jeff Langlois'; 'Avid Banihashemi'; Gilmore, Adam
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Hello Sanjeev

Very busy in May and June - will review if time permits

Regards

Mark Heaton
Fish and Wildlife Biologist
OMNRF Aurora District
(905) 713 7406 office
(416) 993 1295 mobile

Avid Banihashemi

From: Heaton, Mark (MNRF) <mark.heaton@ontario.ca>
Sent: Saturday, June 09, 2018 8:41 AM
To: Gilmore, Adam; 'LMarray@creditvalleyca.ca'
Cc: Oberoi, Sanjeev; Avid Banihashemi; Jeff Langlois; Green-Battiston, Melissa
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Adam

Thank you. MNRF will accept the following:

Four alternative locations (A, B, C and D) were identified as possible emergency overflow locations for the John Street WWPS:

- Emergency overflow to Credit River - East end of John Street (location A)
- Emergency overflow to Private Ponds (Location B)
- Emergency overflow to Lynden Circle Storm sewer (Location C)
- Emergency overflow to Credit River - upstream of the River Road Bridge (Location D)

The preferred emergency overflow location will be confirmed during the detailed design stage of the project. Selection of the preferred location will consider the results of detailed Geomorphology, Hydrogeological, Natural Heritage and Geotechnical studies, all of which will be completed during detailed design (as outlined in Section 8.5 – Future Commitments).

Location in proximity to the bed or banks of the Credit River will be subject to approval by MNRF under the Public Lands Act.

Regards

Mark Heaton
Fish and Wildlife Biologist
OMNRF Aurora District
(905) 713 7406 office
(416) 993 1295 mobile

From: Gilmore, Adam [Adam.Gilmore@halton.ca]
Sent: Friday, June 08, 2018 4:38 PM
To: 'LMarray@creditvalleyca.ca'; Heaton, Mark (MNRF)
Cc: Oberoi, Sanjeev; 'avid.banihashemi@rjburnside.com'; 'Jeff.Langlois@rjburnside.com'; Green-Battiston, Melissa
Subject: FW: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution



BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Credit Valley Conservation

From: Marray, Liam [<mailto:lmarray@creditvalleyca.ca>]
Sent: Monday, May 08, 2017 7:57 AM
To: Jennifer Vandermeer
Subject: John St Pumping Station EA

Jennifer

Sorry for the delay in responding. If you have any questions do not hesitate to contact me.

Liam Marray
Senior Manager, Planning Ecology | Credit Valley Conservation
905.670.1615 ext 239 | C: 416.896.1064 | 1.800.668.5557
lmarray@creditvalleyca.ca | creditvalleyca.ca



1151 Bronte Road,
Oakville, ON L6M 3L1

292 Speedvale Avenue West,
Unit 20 Guelph, ON N1H 1C4

<http://www.halton.ca> www.burnside.com

Project Response Form

Notice of Study Commencement John Street Wastewater Pumping Station Class Environmental Assessment Study

Name: LIAM MARRAY
(Please Print)

Phone No.: 905 670-1615 ext 239

Agency: CREDIT VALLEY CONSERVATION

Signed: *L. Murray*

Date: May 9, 2017

Please assist us in identifying your interests:

		YES	NO
1.	Does your organization wish to participate in this project?	✓	
2.	If the answer to Question 1 is "no," would you like to be removed from contact list?		

3. Please identify any concerns or comments your agency may have at this time.

Sorry for the delay in responding
The pumping station is not regulated by CVC and contains no natural features of concern to CVC. However the study area does contain the Credit River, associated valley, natural areas and natural hazards. If the project includes upgrades in or adjacent to these areas then CVC will increase our role in this EA.

Please return this completed form by **April 6, 2017** to Jennifer.Vandermeer@rjburnside.com

Avid Banihashemi

From: Avid Banihashemi
Sent: Thursday, May 18, 2017 3:31 PM
To: 'lmarray@creditvalleyca.ca'
Cc: Jennifer Vandermeer
Subject: John St. Wastewater Pumping Station EA- External Technical Advisory Committee Invitation
Attachments: 039946_John Street WWPS EA_NOcm Ex-TAC_Response Form.pdf; 039946_John Street WWPS EA_NOcm.pdf

Hello Mr. Marray,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment (in Georgetown). A copy of the Notice of Commencement for the project is attached.

This email is to follow up in regards to the Notice of Commencement and the Project Response Form that was sent out mid-March 2017. If you would like to be part of the External Technical Advisory Committee (Ex-TAC), please complete the form attached and return at your earliest convenience.

The Ex-TAC mandate is to be a forum for more in-depth discussion of the key study issues, concerns or solutions, and to provide advice to the Study Team. As part of the Ex-TAC, requested involvement may include the following:

- Stakeholder contact throughout the project duration (about 1 year);
- Anticipated two half-day workshops likely to be held in June & August 2017;

The role of Ex-TAC is advisory, with no voting to be undertaken.

Your contact information is part of the project contact list, and you will receive notices as the study progresses, unless indicated otherwise. Please feel free to contact us should you have any more comments or questions.

Sincerely,
The John St. WWPS EA Project Team

Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Thursday, June 15, 2017 9:16 AM
To: 'LMarray@creditvalleyca.ca'
Cc: Arsenault, Dave; Jeff Langlois; Jennifer Vandermeer; Avid Banihashemi; Simpson, David
Subject: RE: John Street SPS - Emergency Overflow

Follow Up Flag: Follow up
Flag Status: Flagged

Good Morning Liam,

As per your discussion with David yesterday, the Region's project team will contact both you and Rizwan Haq sometime in August 2017 to set up a meeting. In this meeting, we would like to get your input on the preliminary alternatives for John Street WWPS upgrade including the emergency overflow to the Credit River.

Best Regards,
Sanjeev

Sanjeev Oberoi, P.Eng.

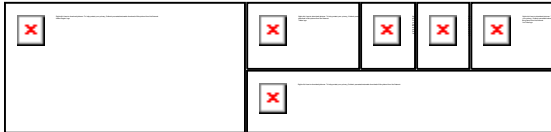
Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7921 | 1-866-442-5866



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From: Simpson, David
Sent: Wednesday, June 14, 2017 2:23 PM
To: 'LMarray@creditvalleyca.ca'
Cc: Oberoi, Sanjeev; Arsenault, Dave; Jeff Langlois (Jeff.Langlois@rjburnside.com); Jennifer Vandermeer (Jennifer.Vandermeer@rjburnside.com); Avid Banihashemi (Avid.Banihashemi@rjburnside.com)
Subject: John Street SPS - Emergency Overflow

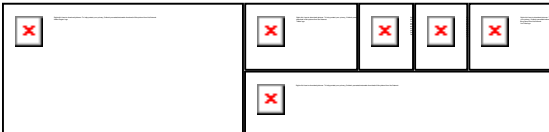
Hi Liam,

Further to my voicemail today, our project team was seeking commitment from CVC to attend our upcoming External Technical Advisory Committee meeting to be planned in September, 2017. The project webpage link is: <http://www.halton.ca/cms/One.aspx?portalId=8310&pageId=152715> for your reference.

Specifically, as part of our alternatives under review, we are seeking your team’s input and validation of our proposed emergency overflow from the John Street SPS to the Credit River. If you could get back to me on this I would appreciate it.

Thanks,
David

David Simpson, P.Eng.
Manager Infrastructure Planning
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7601 | 1-866-442-5866



Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Thursday, July 27, 2017 9:49 AM
To: Jeff Langlois; Avid Banihashemi; Dean, Jerry
Subject: FW: John Street WWPS Class EA

Follow Up Flag: Follow up
Flag Status: Flagged

Fyi, I received out of the office reply for Liam. He will be back in his office on August 1. Please save these two dates in your calendars as a place holder for meeting with CVC.

Thanks,

From: Oberoi, Sanjeev
Sent: Wednesday, July 26, 2017 3:56 PM
To: 'Marray, Liam'
Subject: RE: John Street WWPS Class EA

Good Afternoon Liam,

The Region's project team would like to meet with you regarding the John Street Class EA project. We will be presenting the **Preliminary Preferred Alternative Solution** for upgrades to the WWPS and emergency overflow at the station. Your input will be appreciated before the alternatives are presented to the public.

Please let me know your availability for **September 27 (AM or PM) or October 6 (AM or PM)**.

Regards,

From: Marray, Liam [<mailto:lmarray@creditvalleyca.ca>]
Sent: Thursday, June 15, 2017 9:27 AM
To: Oberoi, Sanjeev
Subject: RE: John Street SPS - Emergency Overflow

Sanjeev

Please just send the invite to myself and I will ensure the appropriate staff attend.

Thanks

Liam

Liam Marray
Senior Manager, Planning Ecology | Credit Valley Conservation
905.670.1615 ext 239 | C: 416.896.1064 | 1.800.668.5557
lmarray@creditvalleyca.ca | creditvalleyca.ca

From: Oberoi, Sanjeev [<mailto:Sanjeev.Oberoi@halton.ca>]
Sent: June 15, 2017 9:16 AM

To: Marray, Liam
Cc: Arsenault, Dave; Jeff Langlois (Jeff.Langlois@rjburnside.com); Jennifer Vandermeer (Jennifer.Vandermeer@rjburnside.com); Avid Banihashemi (Avid.Banihashemi@rjburnside.com); Simpson, David
Subject: RE: John Street SPS - Emergency Overflow

Good Morning Liam,

As per your discussion with David yesterday, the Region's project team will contact both you and Rizwan Haq sometime in August 2017 to set up a meeting. In this meeting, we would like to get your input on the preliminary alternatives for John Street WWPS upgrade including the emergency overflow to the Credit River.

Best Regards,
Sanjeev

Sanjeev Oberoi, P.Eng.

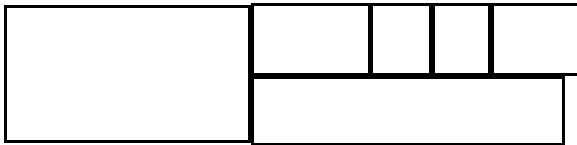
Project Manager II

Infrastructure Planning & Policy

Public Works

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From: Simpson, David
Sent: Wednesday, June 14, 2017 2:23 PM
To: 'LMarray@creditvalleyca.ca'
Cc: Oberoi, Sanjeev; Arsenault, Dave; Jeff Langlois (Jeff.Langlois@rjburnside.com); Jennifer Vandermeer (Jennifer.Vandermeer@rjburnside.com); Avid Banihashemi (Avid.Banihashemi@rjburnside.com)
Subject: John Street SPS - Emergency Overflow

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Thanks,
David

David Simpson, P.Eng.

Manager Infrastructure Planning

Infrastructure Planning & Policy

Public Works

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Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Thursday, August 03, 2017 9:53 AM
To: Jeff Langlois; Avid Banihashemi
Cc: Liu, Mickey; Green-Battiston, Melissa
Subject: FW: John Street WWPS Class EA

Follow Up Flag: Follow up
Flag Status: Flagged

Fyi, CVC confirmed to meet with us on September 27 from 10 -12 in meeting room A1 at CVC main office.

I will send a meeting invite for this.

Thanks,

From: Marray, Liam [mailto:lmarray@creditvalleyca.ca]
Sent: Thursday, August 03, 2017 9:44 AM
To: Oberoi, Sanjeev
Cc: Haq, Rizwan
Subject: RE: John Street WWPS Class EA

Sanjeev – CVC would be available to meet on September 27 from 10 -12 in meeting room A1 at CVC main office.

If you have any additional questions do not hesitate to contact me.

Liam

Liam Marray
Senior Manager, Planning Ecology | Credit Valley Conservation
905.670.1615 ext 239 | C: 416.896.1064 | 1.800.668.5557
lmarray@creditvalleyca.ca | creditvalleyca.ca

From: Oberoi, Sanjeev [mailto:Sanjeev.Oberoi@halton.ca]
Sent: July 26, 2017 3:56 PM
To: Marray, Liam
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Please let me know your availability for **September 27 (AM or PM) or October 6 (AM or PM)**.

Regards,

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Sanjeev

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Thanks

Liam

Liam Marray

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lmarray@creditvalleyca.ca | creditvalleyca.ca

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To: Marray, Liam
Cc: Arsenault, Dave; Jeff Langlois (Jeff.Langlois@rjburnside.com); Jennifer Vandermeer (Jennifer.Vandermeer@rjburnside.com); Avid Banihashemi (Avid.Banihashemi@rjburnside.com); Simpson, David
Subject: RE: John Street SPS - Emergency Overflow

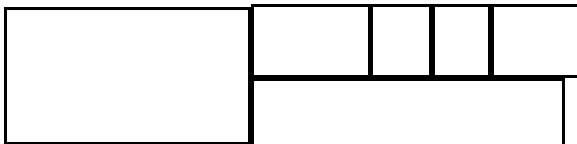
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Best Regards,
Sanjeev

Sanjeev Oberoi, P.Eng.

Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7921 | 1-866-442-5866



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Sent: Wednesday, June 14, 2017 2:23 PM
To: 'LMarray@creditvalleyca.ca'

Cc: Oberoi, Sanjeev; Arsenault, Dave; Jeff Langlois (Jeff.Langlois@rjburnside.com); Jennifer Vandermeer (Jennifer.Vandermeer@rjburnside.com); Avid Banihashemi (Avid.Banihashemi@rjburnside.com)

Subject: John Street SPS - Emergency Overflow

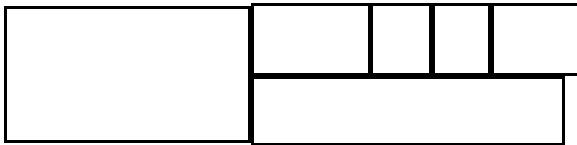
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Thanks,
David

David Simpson, P.Eng.
Manager Infrastructure Planning
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Telephone/Voicemail Message

Date Received: August 21, 2017 **Project No.:** 300039946.0000
Project Name: John Street WWPS Class B EA
Subject: CVC Data Clarification
To: Hannah Maciver
From: Liam Murray, CVC
Prepared By: Shae Richter

Message/Conversation

Hannah Maciver received a call from Liam Murray in reply to a question she emailed to Iftekhar Ahmad on August 16, 2017 regarding clarification on data shared by the CVC. Liam confirmed that it where the term “sensitive wildlife habitat” was used, it should be “significant wildlife habitat”. He also said they are potential “rare vegetation communities”.

210817_Call from CVC_Data Sharing_John St. EA
2/8/2018 10:05 AM

From: Hannah Maciver
Sent: Wednesday, August 16, 2017 9:58 AM
To: Ahmad, Iftexhar (CVC)
Cc: Avid Banihashemi; Devin Soeting; Peter DeCarvalho; Nicholle Smith; Heather Neary
Subject: RE: DR 17/033 John St WWPS EA

Hi Iftexhar,

When you say "Sensitive Wildlife Habitat" is this the same as "Significant Wildlife Habitat" that is a designation from MNRF? I just want to make sure we are referring to the same thing.

Also, when we map those habitats (see attached), there doesn't appear to be any corresponding info as to what these features actually are. Do you have access to that info?

Thanks!
Hannah

Hannah Maciver, B.E.S.
Terrestrial Ecologist

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: 800-265-9662 Direct: 226-486-1555

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Thank you

From: Ahmad, Iftexhar (CVC) [<mailto:iahmad@creditvalleyca.ca>]
Sent: Friday, August 11, 2017 3:19 PM
To: Hannah Maciver
Cc: Avid Banihashemi; Devin Soeting; Peter DeCarvalho; Nicholle Smith
Subject: RE: DR 17/033 John St WWPS EA

Hi Hannah,

Thank you for the signed Data Sharing Agreement. Please find attached the data along with below comments from our ecology staff.

- A 500 m buffer around the study area was used to obtain sensitive wildlife habitat (SWH) data, fish collection records (FCR), thermal regime classifications and rare species.
- We do not have data on rearing and foraging habitat locations. We have spawning habitat locations but there was no data within your study area plus the 500 m buffer applied.

- SWH mapping is incomplete and not all SWH criteria have been assessed in the watershed. SWH criteria must be assessed by requestor. MNRF must be contacted for SAR records in the study area.

Should you have any questions, please contact me.

Regards,

Iftekhhar Ahmad

Technician, Planning | Credit Valley Conservation
905.670.1615 ext 296 | iahmad@creditvalleyca.ca

From: Hannah Maciver [<mailto:Hannah.Maciver@rjburnside.com>]
Sent: August 1, 2017 3:56 PM
To: Ahmad, Iftekhhar (CVC)
Cc: Avid Banihashemi; Devin Soeting; Peter DeCarvalho; Nicholle Smith
Subject: RE: DR 17/033 John St WWPS EA

Hi Iftekhhar,

Please find attached our signed data sharing agreement with CVC for the John St WWPS EA.

Take care,
Hannah

Hannah Maciver, B.E.S.
Terrestrial Ecologist

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Thank you

From: Ahmad, Iftekhhar (CVC) [<mailto:iahmad@creditvalleyca.ca>]
Sent: Friday, June 30, 2017 10:52 AM
To: Hannah Maciver
Subject: RE: DR 17/033 John St WWPS EA

Hi Hannah,

Please complete the attached Data Sharing Agreement. Please complete Schedule 2 if you are sharing the data with a third party such as your proponent/client. I will send you the data as soon as the signed Agreement is received.

Should you have any questions, please contact me.

Regards,

Iftekhhar Ahmad

Technician, Planning | Credit Valley Conservation
905.670.1615 ext 296 | iahmad@creditvalleyca.ca

From: Hannah Maciver [<mailto:Hannah.Maciver@rjburnside.com>]
Sent: June 26, 2017 11:22 AM

To: Ahmad, Iftekhar (CVC)
Cc: Marray, Liam
Subject: RE: DR 17/033 John St WWPS EA

Thanks, Ahmad. I look forward to receiving the agreement and associated data.

Take care,
Hannah

Hannah Maciver, B.E.S.
Terrestrial Ecologist

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Office: 800-265-9662 Direct: 226-486-1555

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Thank you

From: Ahmad, Iftekhar (CVC) [<mailto:iahmad@creditvalleyca.ca>]
Sent: Friday, June 23, 2017 5:30 PM
To: Hannah Maciver
Cc: Marray, Liam
Subject: DR 17/033 John St WWPS EA

Hi Hannah,

Thank you for your inquiry to Liam Marray for data request. Please note that a Data Sharing Agreement will be required and the data acquisition process generally takes 3-4 weeks from the receipt of the data request. I will send you the Data Sharing Agreement as soon as the data is compiled internally.

Should you have any questions, please let me know.

Regards,

Iftekhar Ahmad
Technician, Planning | Credit Valley Conservation
905.670.1615 ext 296 | iahmad@creditvalleyca.ca

From: Hannah Maciver [<mailto:Hannah.Maciver@rjburnside.com>]
Sent: June 22, 2017 2:13 PM
To: Marray, Liam
Cc: Devin Soeting; Avid Banhashemi
Subject: 039946 John St WWPS EA - Natural Heritage Information Request

Hi Liam,

Please find attached our Information Request for the John Street WWPS EA in Georgetown, Ontario.

Thank you,
Hannah Maciver



R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4

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Thank you

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BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Minutes of Meeting

Meeting Date: September 27, 2017 **Project No.:** 300039946.0000

Project Name : Municipal Class Environmental Assessment Study for John Street
Wastewater Pumping Station

Meeting Subject: CVC Meeting #1

Meeting Location: Meeting Room A1 - 1255 Old Derry Road - CVC Office

Date Prepared: September 27, 2017

Those in attendance were:

Sanjeev Oberoi	Regional Municipality of Halton (Region)	Sanjeev.Oberoi@halton.ca
Adam Gilmore	Region	Adam.Gilmore@halton.ca
Jerry Dean	Region	Jerry.Dean@halton.ca
Liam Marray	Credit Valley Conservation (CVC)	lmarray@creditvalleyca.ca
Rizvan Haq	CVC	rhaq@creditvalleyca.ca
Jeff Langlois	R.J. Burnside & Associates Limited (Burnside)	Jeff.Langlois@rjburnside.com
Avid Bani Hashemi Jahromi	Burnside	Avid.Banihashemi@rjburnside.com
Nicholle Smith	Burnside	Nicholle.Smith@rjburnside.com

The following items were discussed

Action by

1. Welcome

1.1 Jeff started with thanking everyone for their time. Copies of the presentation hand-out were circulated.

2. Introduction

2.1 Jeff introduced himself and Burnside staff. The Region Team and CVC introduced themselves and their roles.

The following items were discussed	Action by
3. Review of Study Area and Background Information	
3.1 Jeff discussed the meeting agenda, reviewed the meeting objectives and noted that the intent of the meeting was for the Project Team to solicit input from CVC on the Project Team's recommended preliminary preferred alternative prior to the Public Information Centre (PIC).	
3.2 Jeff further discussed the project needs and justification, the Municipal Class EA Process, the Study Area and the Study Area map with elements and features and the Problem and Opportunity Statement.	
3.3 Overall Jeff noted that following major elements will need to be addressed for the John Street Wastewater Pump Station (WWPS): Currently: <ul style="list-style-type: none">• Lack of an emergency overflow• Relatively low emergency storage volume providing 10-15 minutes of storage at Peak wet weather flow(PWWF)• Single forcemain servicing WWPS To be provided: <ul style="list-style-type: none">• An Emergency Overflow• Adequate Emergency Storage• Dry Well / Wet Well WWPS• Four pumps in a dry well• Required pump cycle times• Twin Forcemains• Standby Gen-Set	
4. Overflow Constraints	
4.1 Jeff discussed the constraints associated with providing an emergency overflow, including: <ul style="list-style-type: none">• CVC regulated areas• Natural heritage / ecological• Overflow configuration and local environmental constraints• Required easement• Local limitations (i.e., CRAA activities)• Flowrates / discharge quality / frequency Liam asked about what frequency the Project Team would expect	

The following items were discussed	Action by
<p>the emergency overflow discharge may be used. Jerry explained that currently John Street WWPS has a small equalization / storage of 10-15 minutes with no overflow. It is planned that the upgraded / new pumping station would be provided with standby pumps and 1 hour emergency storage. A back-up gen-set will also be provided. The emergency overflow would be used only in case of a total failure of the pumping system, back-up gen-set and then once the 1 hour storage volume had been filled up. The overflow will be designed to operate by gravity. Jerry also noted that in such situations all the details will be recorded. He further noted that an on-call 24/7 operator will receive any alarms if any of the above-mentioned barriers fail well in advance of an actual discharge.</p>	Region
<p>Liam asked if CVC could be notified in event of an overflow event as they would like to have their staff on site to perform necessary samplings. Jerry further clarified that an MOECC notification will be issued in such cases. The Region agreed that a notification to CVC could be incorporated into the reporting procedure.</p>	
<p>Nicholle further discussed the various natural environmental surveys that have been completed as part of the John Street WWPS EA, including amphibian surveys, bat habitat surveys (including both leaf-off/on, and acoustic), aquatic habitat assessment, breeding bird survey, tree inventory, and Ecological Land Classification (ELC). She further discussed a number of ecological features and functions in the proximity of the proposed overflow location at the bend of John Street including a Maple Mineral Deciduous Swamp and groundwater discharge areas (seeps). She further elaborated on the private ponds and general habitat that was found during the surveys. Liam asked if the private ponds could be categorized as Significant Wildlife Habitat (SWH). Nicholle clarified that neither the number of individual species nor the diversity of species indicated the presence of significant wildlife habitat (to be discussed in the Natural Environment report).</p>	
<p>Jeff further clarified that the hatchery pond is not connected directly to the river (not fed from the river water, but most likely maintained by groundwater seepage).</p>	
4.2	<p>Nicholle presented the pictures illustrating the dynamics of water in the ponds and the river. Liam asked if thermal monitoring has been performed. (Post-meeting note: the thermal monitoring will occur during the autumn of 2017). Nicholle further explained that there might be some discharge from the hatchery ponds to the private pond(s), but not likely backflow, due to the topography / elevations of</p>

The following items were discussed	Action by
<p>the area. (Post-meeting note: this will be clarified during the fall thermal monitoring)</p>	
<p>Adam asked about the connection between the ponds. Nicholle clarified that they are inter-connected with likely downstream flow.</p>	
5. Preliminary Alternative Solutions	
5.1 Jeff presented preliminary alternative solutions including:	
<ul style="list-style-type: none">• Alternative 1 – Do Nothing• Alternative 2 – Upgrade existing station• Alternative 3 – Build new station at the existing location (within the John Street Park area).• Alternative 4 – New station at a new location.• Alternative 5 – Redirecting flow from Lynden Circle.• Alternative 6 – I & I (Infiltration and Inflow).	
<p>It was noted that Alternatives 5 and 6 are not considered stand-alone alternatives and may be considered in combination with Alternatives 2, 3, or 4.</p>	
5.2 Jeff further discussed:	
<ul style="list-style-type: none">• Alternative 2, brings the existing station up to standards, and includes an emergency overflow and storage. It was noted that the amount of new construction associated with bringing the existing station up to standards makes this alternative very similar to Alternative 3. Under Alternative 2 the existing wet well and dry well spaces would be converted to form a small portion of the required emergency storage. The balance of the existing station would be decommissioned. Three potential emergency overflow options were discussed as sub-alternatives. Overflow locations have been identified as:<ul style="list-style-type: none">– (A) Overflow discharge to the river, upstream of the hatchery– (B) Overflow discharge to the storm pond (<i>screened out</i>)– (C) Overflow discharge connecting to the Lynden Circle storm pond (<i>screened out</i>)	
<p>Two of the overflow Alternatives (B and C) have been screened out, and only Alternative A has been carried forward for this alternative, as well as for Alternative 3.</p>	
<ul style="list-style-type: none">• Alternative 3 is very similar to Alternative 2, with respect to the magnitude of construction required, however this alternative includes a completely new WWPS structures.	

The following items were discussed	Action by
<ul style="list-style-type: none"> • Alternative 4, includes a new station at a new location. The potential new locations were selected because they are on Town owned lands and could be easily acquired. The evaluation of this option is based on relocating to the WWPS to Barber Mill Park. For this alternative the overflow discharge location is location D (just upstream the bridge on River Drive). This location is significantly closer to the proposed new location for the new WWPS. • Alternative 5 includes redirecting flow from Lynden Circle directly to the gravity sewer at John Street and Victoria Avenue. This would reduce the flows directed to the John Street WWPS. On its own this alternative does not solve the problem and would have to be undertaken in combination with Alternatives 2, 3 or 4. • Alternative 6, I & I (Infiltration and Inflow). This alternative could reduce peak flow to station. On its own this alternative does not solve the problem and would have to be undertaken in combination with Alternative 2, 3 or 4. 	
<p>6. Alternative Evaluation</p>	
<p>6.1 Jeff further presented the Evaluation Criteria and the evaluation methodology through an evaluation matrix. He elaborated on evaluation matrix for each alternative and discussed how they have been rated through the evaluation process. He further discussed that Alternative 3 has been ranked as the most preferred alternative and has been recommended by the project team as the preliminary preferred Alternative Solution.</p> <p>Liam inquired about the reason why Alternatives 2 and 3 were not considered in combination with overflow location D, as it seems to be less impactful to the natural environment. Jeff explained that due to the topography of the Study area, connecting PS at John Street Park to overflow location D by gravity would require a much deeper and longer overflow line which would be substantially more expensive. Avid noted that an alternate alignment of the overflow to location D from John Street WWPS would be to run along the river valley; however this approach would be more disruptive to the natural environment as it would need to cut through the forested area all the way along the river. Liam suggested that similar to other overflow options(A, B and C), the project team needs to evaluate overflow location D for Alternatives 2 and 3 and document the screening process in the Project File.</p>	<p>Burnside / Region</p>

The following items were discussed	Action by
<p>7. Proposed Overflow Configuration</p>	
<p>7.1 Jeff presented the proposed overflow configuration (location A) for the proposed preferred alternative (Alternative 3, with emergency discharge at discharge location A). Adam inquired about the slope of the discharge pipe (0.5%) . Jeff explained that Manhole A (MHA) would be a drop manhole and as such the slope is appropriate.</p>	
<p>7.2 Jeff further noted that the overflow line at location A is proposed to be trenchless for minimal impact. Liam suggested that if the overflow line needs maintenance then the trenchless approach would not be helpful in terms of reducing the impacts. Jerry clarified that in case of a situation that requires specific maintenance, it is possible to access the overflow line through MHA.</p>	
<p>7.3 Rizwan inquired about how the overflow is going to reach the river. Jeff explained that similar to the overflow designed for Glen Williams Pumping Station, the overflow will be piped to the river bank and a headwall installed on the stream side of the existing pathway and a small spillway provided to the river edge. Details would be established during detailed design.</p>	
<p>7.4 Rizwan suggested that in order to identify the exact overflow location A , it would be best having a more informed decision based on geomorphology (for the emergency overflow only) and geotechnical studies (including erosion control, i.e., erosion hazard at MHA). Liam further suggested that overflow location D may have the benefit of less of a steep slope for the overflow (A: 236 m down to 222 m at the river; vs. D: 229 m down to 222 m at the river).</p> <p>Adam requested clarification regarding timing of the geomorphology assessment, and whether this would be required as part of the Class EA Study. Liam indicated it would be more appropriate to complete the geomorphology assessment during detailed design (i.e., after selection of the preferred alternative).</p>	
<p>The Project Team agreed to further clarify on Alternatives 2 and 3 in combination with overflow location D in the report.</p>	<p>Burnside / Region</p>
<p>7.5 Jerry discussed that in the case that an overflow to the river occurs, the clean-up procedure will be specific to the discharge location and will include taking pictures (before and after), taking samples, and submissions to the MOECC, which includes preparing a detailed report on how the flow is managed. Rizwan noted that for this case,</p>	

The following items were discussed	Action by
as the system is considered a small system, it takes longer to restore itself.	
7.6 Rizwan asked if there has been basement flooding incidents in relation to John Street PS. Jerry replied that there has been only one incident over the past two years, which has not been due to the station failure, but due to a blockage across the street from the residence.	
7.7 Rizwan asked if the Region has any long-term future plans for the wastewater systems, or any re-locationing of the systems. Jerry explained that the Region is in the process of removing some pumping stations by building deep gravity sewers, but this is a long-term plan. He further noted that these changes will most likely not involve any systems in the study area for this project.	
7.8 Liam asked if the Study Team is aware of a 6-story retirement development that is planned to be constructed at Mountatinview and John Street and how the wastewater for this new development will be managed. Jerry explained that the Study Team is aware of this new planned development and that John Street PS has enough capacity to carry the new load.	
7.9 Liam asked if a draft of the Project File will be submitted to CVC (for review and approval) prior to its submission for public review. The Region agreed to provide a copy to CVC for review post PIC and before it is filed for public review.	Burnside / Region
8. Project Schedule and Nest Steps	
8.1 Jeff discussed the project schedule and that an Ex-TAC meeting is planned for October 13, 2017. The PIC is scheduled for November 30, 2017. Agency reviews will continue through January 2018, and the Notice of completion is tentatively scheduled for March 2018.	
9. Adjournment	
The meeting was adjourned thanking everyone for their time and input.	
Key Action Items:	
<ul style="list-style-type: none"> • The Region agreed to notify CVC in event of an overflow. • The Project Team agreed to further clarify on Alternatives 2 	

The following items were discussed	Action by
<p>and 3 in combination with overflow location D in the Project File Report.</p> <ul style="list-style-type: none">• The requirement to conduct the Geomorphology Study will be included in the Project File report. This Study will be done during the detailed design stage in order to select exact location for the emergency overflow pipe.• Project File will be submitted to CVC by the Project Team (for review and approval) post PIC and before it is filed for public review.	

The preceding are the minutes of the meeting as observed by the undersigned. Should there be a need for revision, please advise Burnside within seven days of issuance. In the absence of notification to the contrary, these minutes will be deemed to be an accurate record of the meeting.

Minutes prepared by:

R.J. Burnside & Associates Limited



Jeff Langlois, P.Eng., MBA
Project Manager
AB/JL:sr

Enclosure(s) CVC Presentation

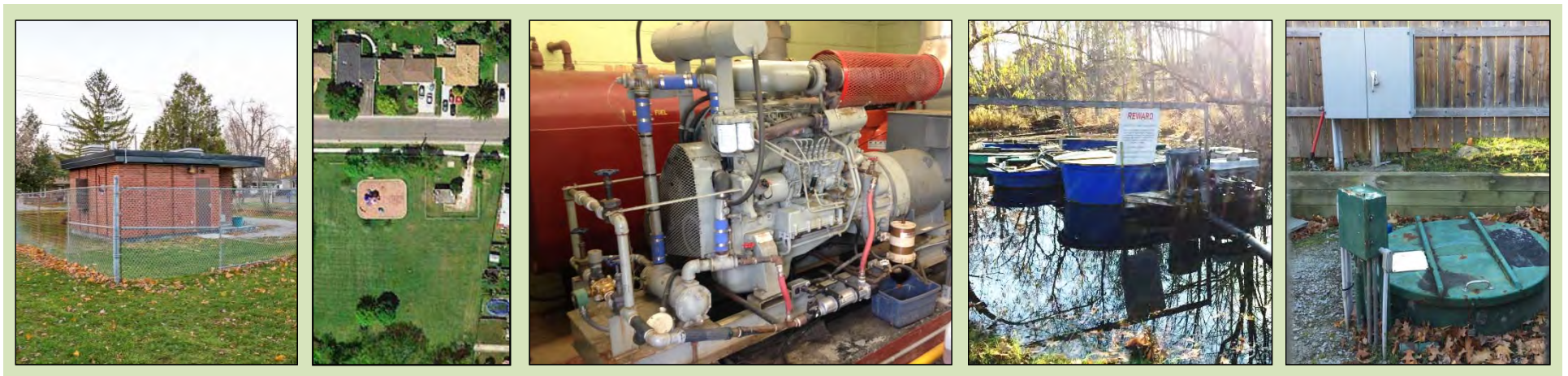
Distribution:

All Attendees

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Municipal Class Environmental Assessment Study JOHN STREET WASTEWATER PUMPING STATION

CVC Meeting #1
27 September, 2017



AGENDA

- Introductions
- Meeting Objective
- Needs and Justification
- Overview of Study Area
- Project Constraints
- Description/ Evaluation of Alternatives
- Preliminary Preferred Alternative
- Discussion

MEETING OBJECTIVES

To solicit input from CVC regarding the project team's recommended preliminary preferred alternative prior to the Public Information Centre (PIC).

NEEDS AND JUSTIFICATION

The Region's John Street Wastewater Pumping Station (WWPS) in Georgetown is nearing the end of its useful life and requires significant capital upgrades in order to maintain the station in a state of good repair.

Currently,

- No provision of an emergency overflow
- Relatively low Retention time (10 – 15 min @ PWWF) in the wet well
- Single forcemain servicing WWPS

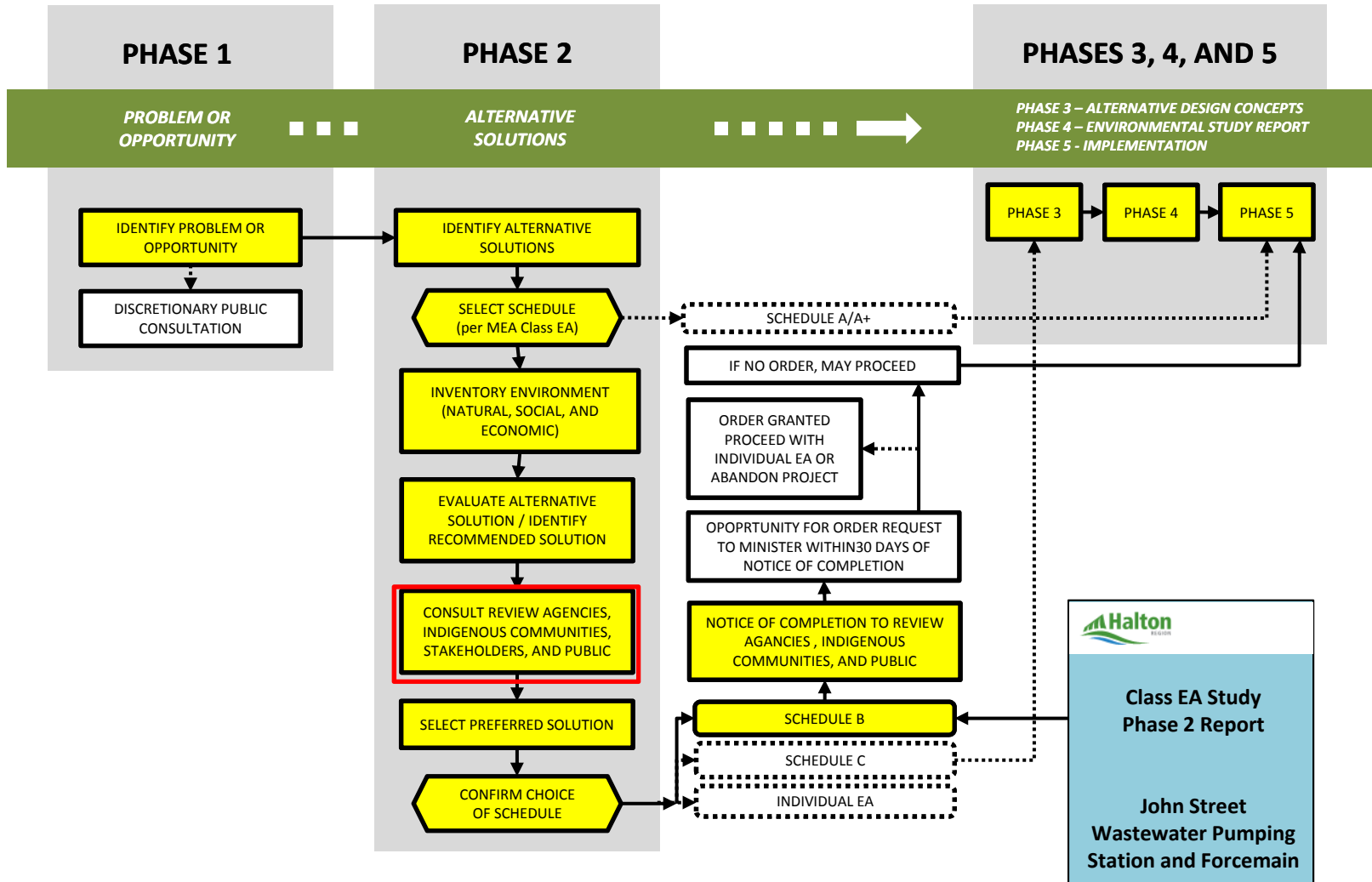


PROBLEM AND OPPORTUNITY STATEMENT

The purpose of this study is to undertake a Schedule B Municipal Class Environmental Assessment to consider a wide range of wastewater pumping station upgrades and emergency overflow alternatives in order to determine the most appropriate design concept that meets Halton Region's latest wastewater pumping station design standards and adequately manages any potential surcharging in the nearby sanitary collection system.



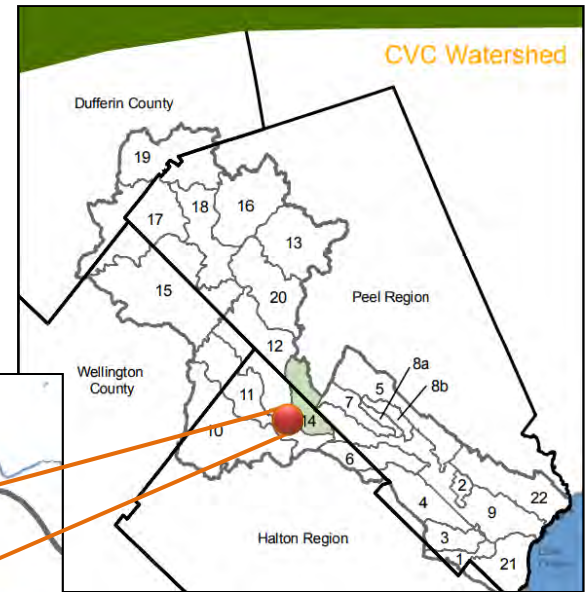
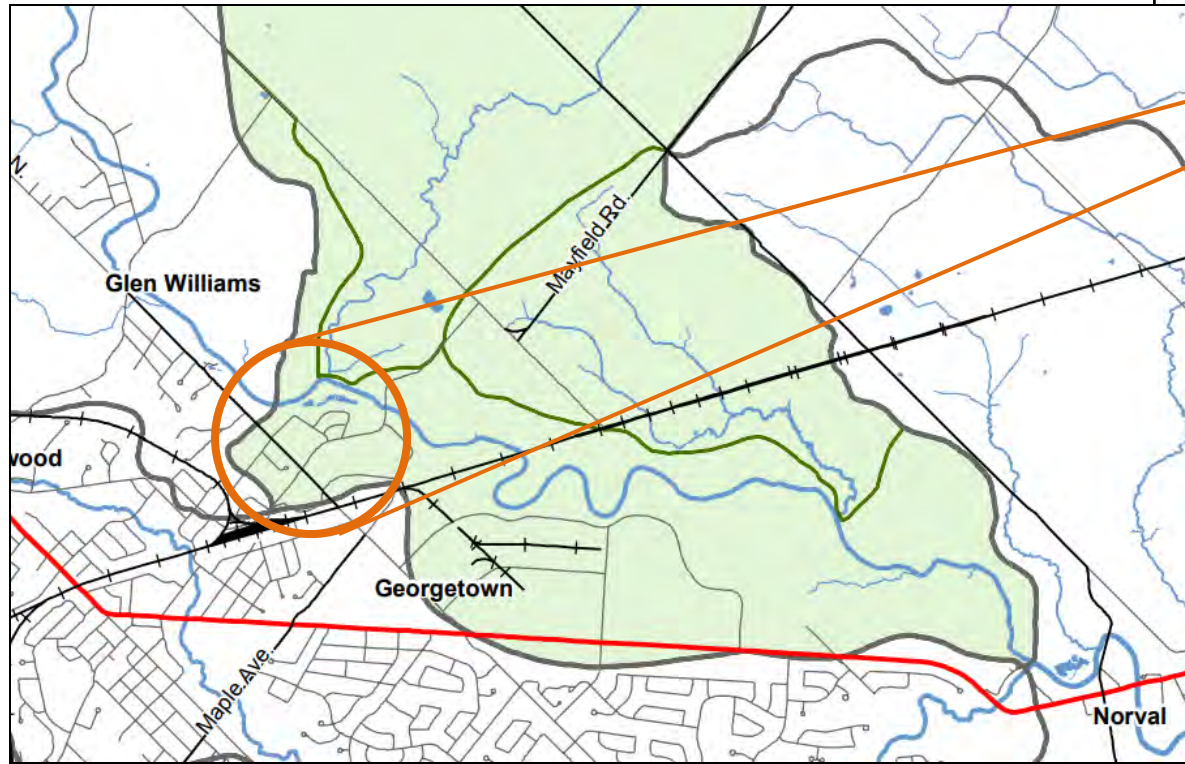
CLASS EA ENVIRONMENTAL ASSESSMENT PROCESS



JOHN ST. WWPS EA

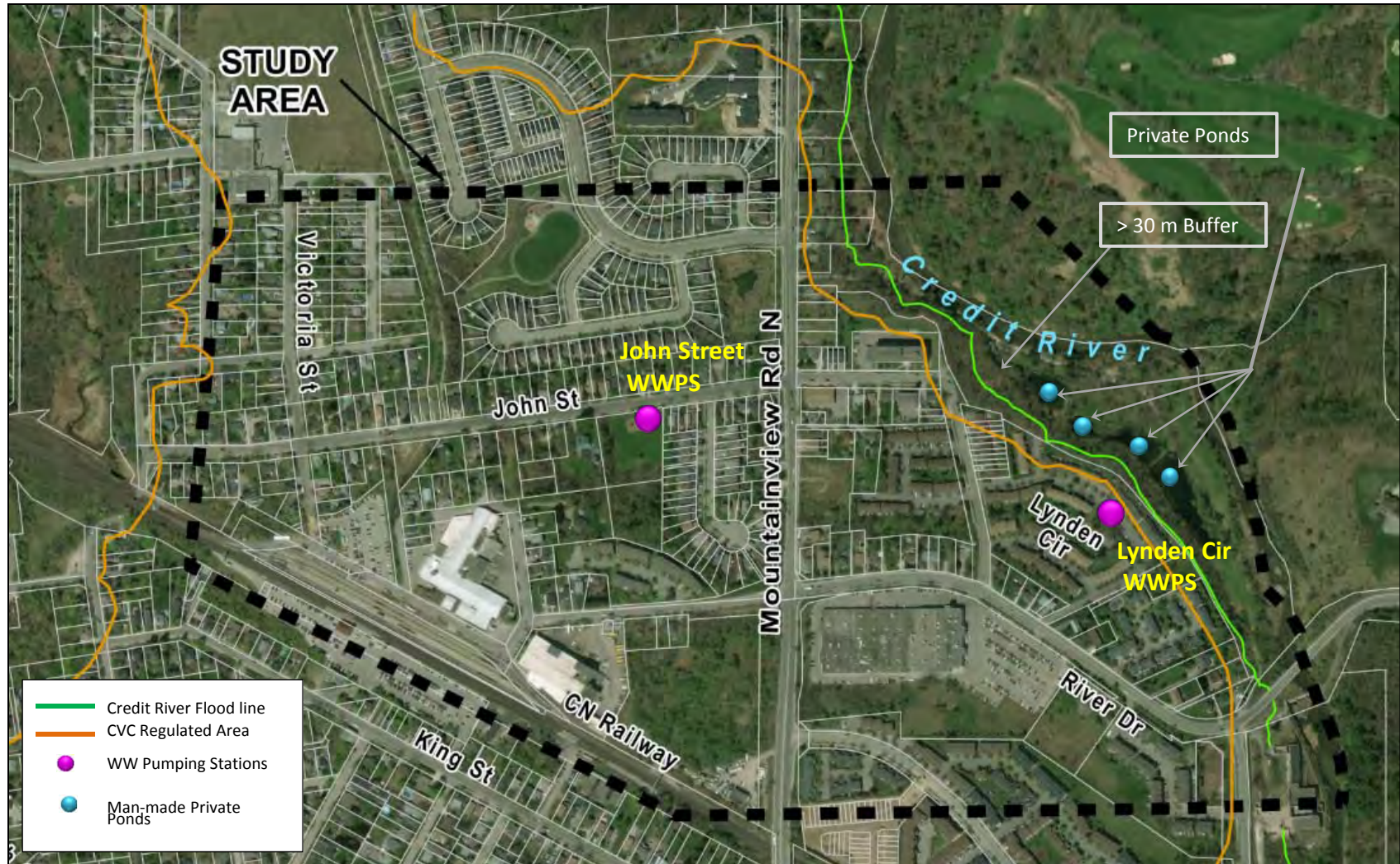
CVC Sub-watershed 14

Credit River (Glen Williams to Norval)



JOHN ST. WWPS EA

Flood Line and Private Ponds



STUDY AREA Features

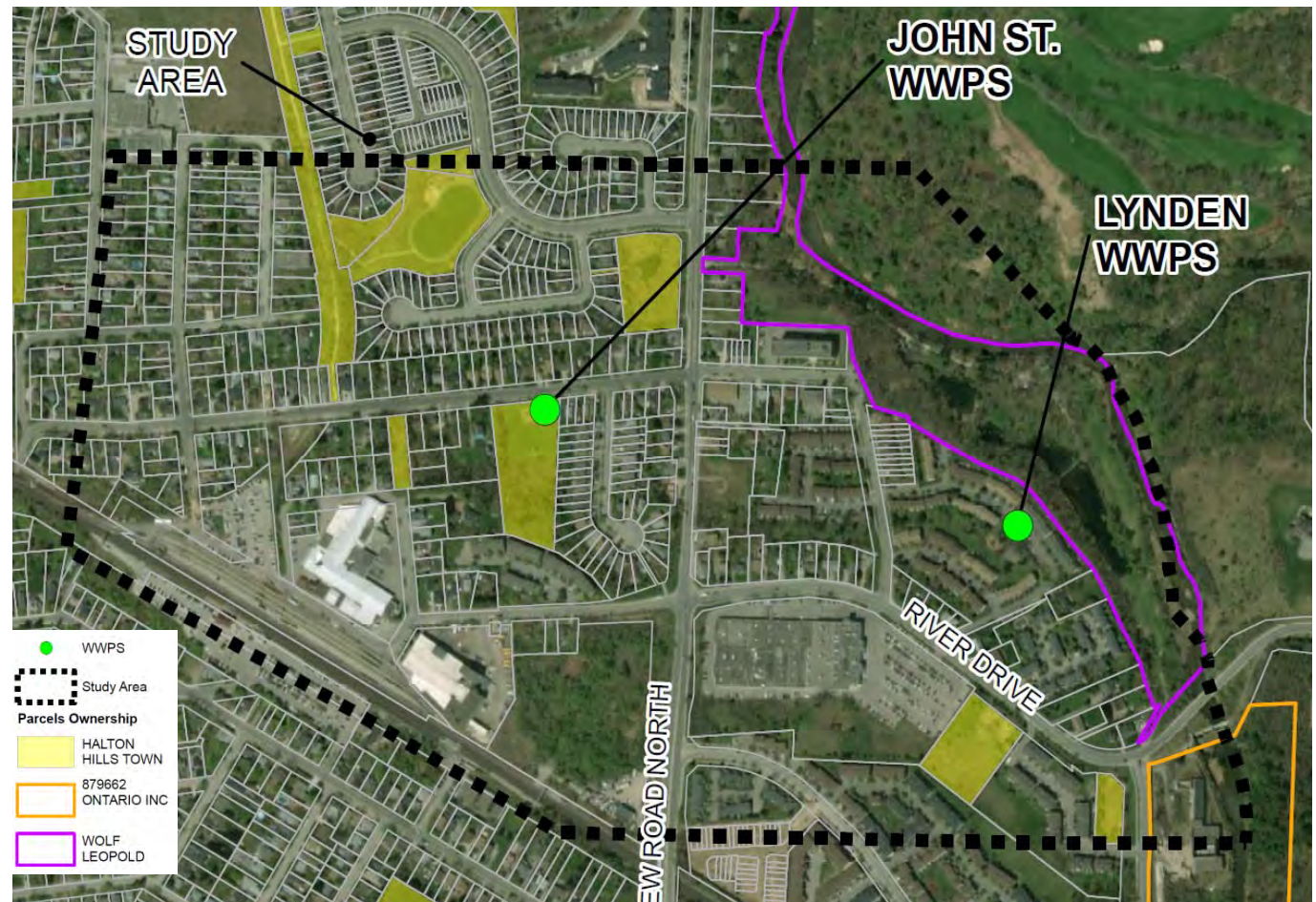
- 1 John St. WWPS
- 2 John St. Public Park
- 3 Victoria St. gravity sewer
- 4 The Credit River Anglers Association (CRAA) Fish Hatchery
- 5 Potential Overflow Discharge Locations
- 7 Lynden Cr. WWPS
- 8 Local Private ponds (4)



CONSTRAINTS

Overflow limitations

- CVC regulated areas
- Overflow configuration and local environmental constraints
- Required easement
- Local limitations (i.e. CRAA activities)
- Flowrates/discharge quality/frequency



OVERFLOW: Local Environmental Constraints



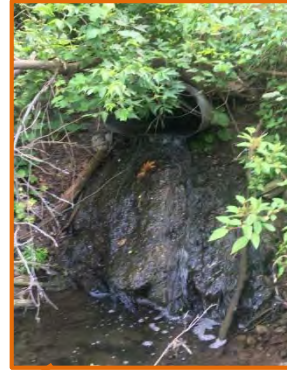
Groundwater Seepage



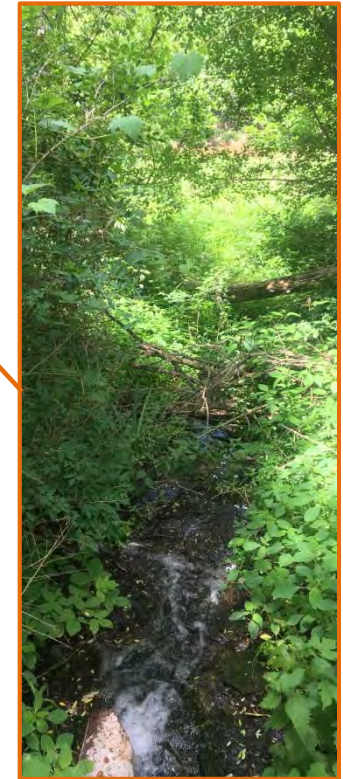
CRAA Hatchery Setup



Lynden Cr. Storm outlet



Private Ponds Connect



Private Pond Connect to the River

Private Ponds Connect



Lynden Cr. Storm inlet



PRELIMINARY ALTERNATIVES

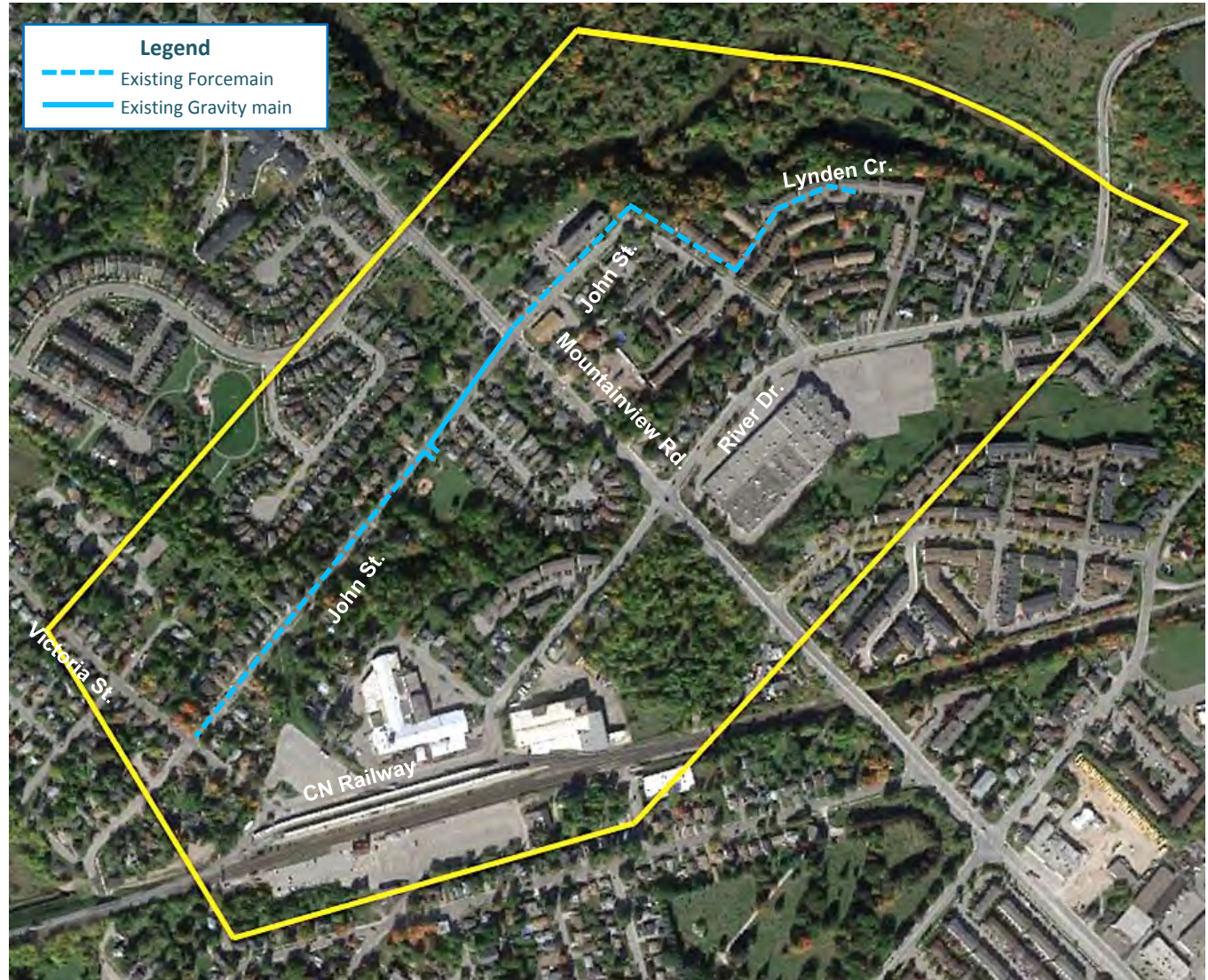
- **Alternative 1** – Do Nothing.
- **Alternative 2** – Upgrade the WWPS at the existing location including the provision of emergency storage and an emergency outflow.
- **Alternative 3** – Construct a Replacement Station at the existing location including the provision of emergency storage and an emergency outflow.
- **Alternative 4** – Construct a Replacement Station at a new location including the provision of emergency storage and an emergency outflow.
- **Alternative 5** – Redirect flow from the Lynden Circle SPS to the Victoria Street gravity sewer, by-passing the John Street SPS.
- **Alternative 6** – Reduce inflow and infiltration in the collection system.

Alternatives 5 and 6 may need to be considered in combination with Alternatives 2, 3, or 4.



ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

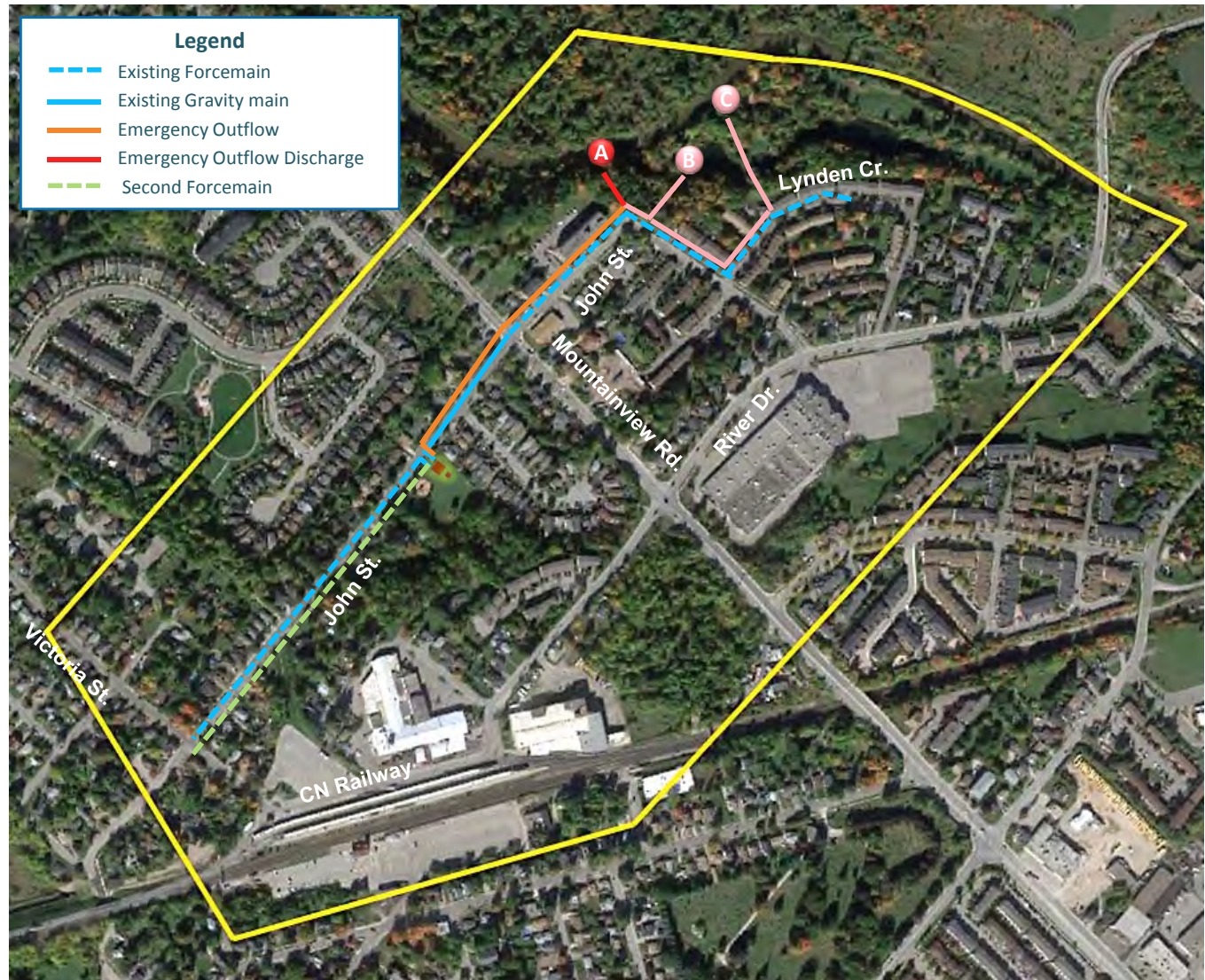


Do Nothing.

ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

- A Overflow discharge to the river, upstream the hatchery
- B Overflow discharge to private pond (screened out)
- C Overflow discharge connecting to the Lynden Cr. storm (screened out)

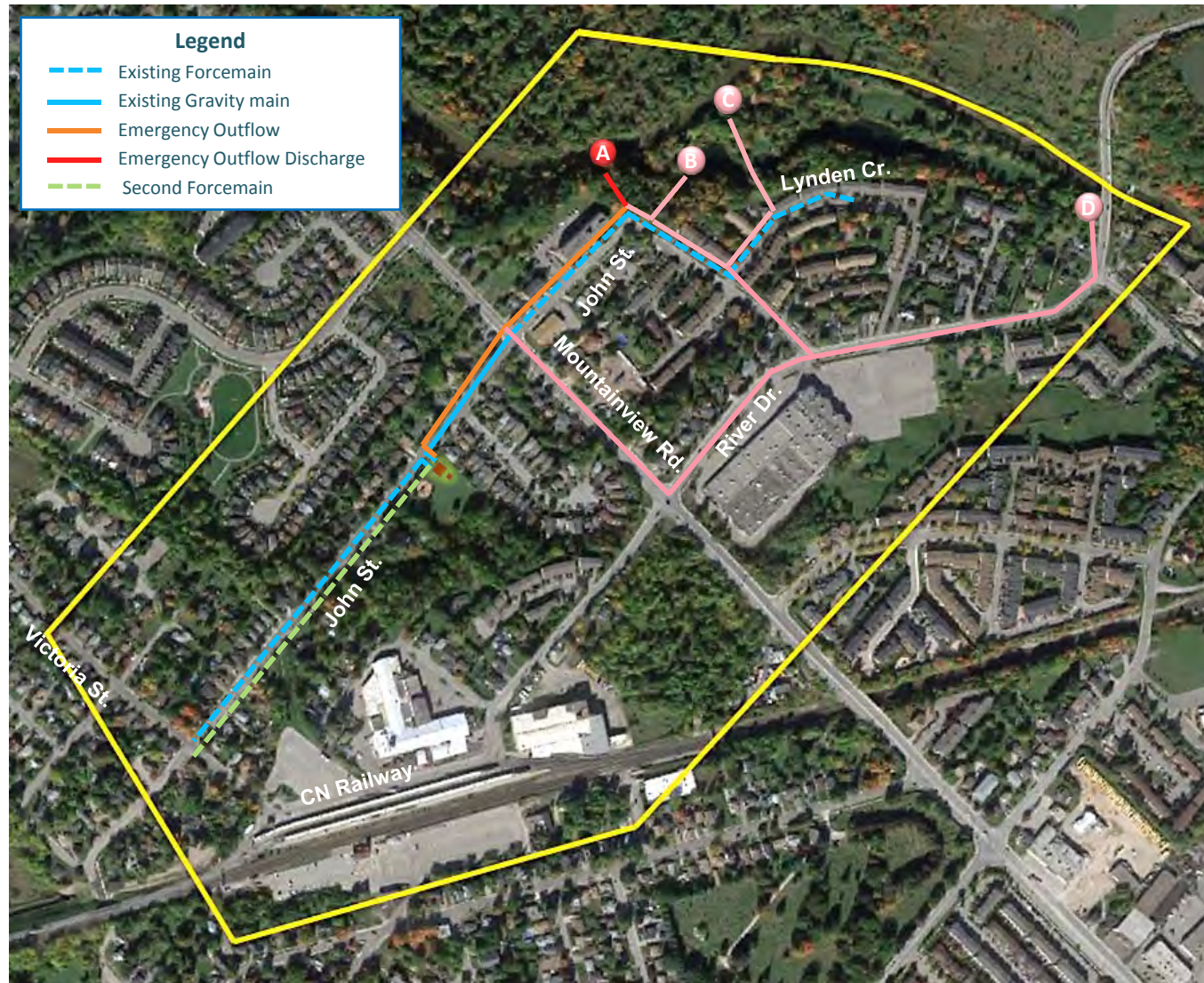


Upgrade at the existing location with emergency storage/outflow.

ALTERNATIVES

- 1** Alternative 1
- 2** Alternative 2
- 3** Alternative 3
- 4** Alternative 4

- A** Overflow discharge to the river, upstream the hatchery
- B** Overflow discharge to private pond (*screened out*)
- C** Overflow discharge connecting to the Lynden Cr. storm (*screened out*)
- D** Overflow discharge to the river upstream Barber Mill Dam (*screened out*)



Upgrade at the existing location with emergency storage/outflow.



ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

- A Overflow discharge to the river, upstream the hatchery
- B Overflow discharge to private pond (screened out)
- C Overflow discharge connecting to the Lynden Cr. storm (screened out)



Replacement Station at the existing location with emergency storage/outflow.

ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

D Overflow discharge upstream the Barber Mill dam, in the right of way.



Replacement Station at a new location with emergency storage/outflow.

EVALUATION CRITERIA

- Natural Environment
- Socio-Cultural Environment
- Technical/Operational Environment
- Legal/Jurisdictional Environment
- Economic Environment

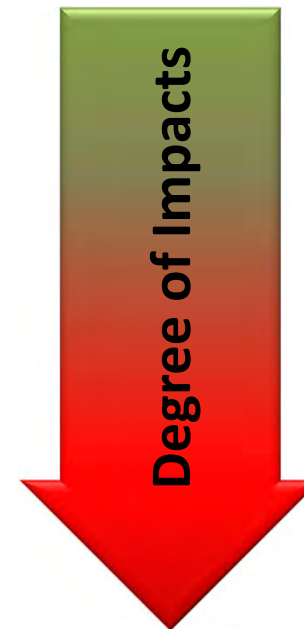
TECHNICAL STUDIES COMPLETED

- **Natural Environment Review - Completed**
 - Frog Call Survey
 - Bat Habitat Survey
 - Acoustic Bat Survey
 - Aquatic Habitat Assessment
 - Tree Inventory
 - Ecological Land Classification
 - Breeding Bird Survey
- **Stage 1 Archaeological Heritage Assessment – Completed**
- **Geotechnical Investigation - To be completed once Preferred Alternative is selected**
- **Subsurface Utility Engineering Investigation -To be completed once Preferred Alternative is selected**



EVALUATION MATRIX RATING

ORDER OF PREFERENCE	
Most Preferred	<input type="radio"/>
More Preferred	<input type="radio"/>
Somewhat Preferred	<input type="radio"/>
Less Preferred	<input type="radio"/>
Least Preferred	<input type="radio"/>



EVALUATION MATRIX

Evaluation Criteria	Alternative 1: Do Nothing	Alternative 2: Upgrade at the Existing Location with Emergency Storage and Overflow	Alternative 3: Replacement Station at the Existing Location with Emergency Storage and Overflow	Alternative 4: Replacement Station at a New Location with Emergency Storage and Overflow
Natural Environment	○ No impacts on trees/vegetation, or natural environmental habitats over existing conditions. Existing infrastructure could deteriorate over time, potentially impacting soil /groundwater quality through wastewater leaching.	◐ Requires tree/vegetation removals (pumping station site and emergency overflow location). Potential moderate to high impact on environmental habitats along the roads and at the overflow location.	◐ Requires tree/vegetation removals (pumping station site and emergency overflow location). Potential moderate to high impact on environmental habitats along the roads and at the overflow location.	◐ Highest impact to existing trees and vegetation communities. Will require the removal of a number of individual trees within an established public park (Barber Mill). Requires tree/vegetation removals at emergency overflow location. Potential moderate to high impact on environmental habitats along the roads and at the overflow location.
Socio-Cultural Environment	◐ Will not be able to address the local resident's, in the proximity of the pumping station, need for lowering the risk of sewer surcharging under extreme wet weather conditions. The system may become unsafe to operate and maintain and will eventually require replacement	◐ Moderate short term impacts including disruptions to existing land uses, traffic, access and noise. Park use may be impacted.	◐ Moderate short term impacts including disruptions to existing land uses, traffic, access and noise. Park use may be impacted.	◐ Highest short term impacts including disruptions to existing land use, traffic, access and noise due to extent of the construction work. Very wide/high level of disturbance to local residence during construction (also caused by deep and long linear work)
Legal and Jurisdictional Environment	○ No impacts over existing conditions. No approvals permits or regulatory constraints.	◐ Easement required over private property for emergency overflow. Potential permits may be needed.	◐ Easement required over private property for emergency overflow. Potential permits may be needed.	◐ Easement may be required over private property for emergency overflow. Potential permits may be needed.
Technical/Operational Environment	◐ The facility would provide minimal reliability with high risk of system failure and sewage surcharge in major storm events. Does not meet the Halton Region's latest wastewater pumping station design standards. The operation and maintenance may become more complex as the pumping station ages.	◐ The upgrades and meeting the Region's design standards will minimize the complexity of the O&M. The facility must remain fully operational while upgrades are made posing constructability challenges. Potential impact on the underground utilities.	◐ The new pumping station will meet the Region's design standards and minimize the complexity of the O&M. Potential impact on the underground utilities.	◐ Deep and long new sewers would substantially add to the potential complexity of the construction, and impact on utilities. Additional/longer linear work would translate to more maintenance.
Economic Environment	○ No capital costs. No short-term impacts on nearby businesses. On going cost associated with operational and maintenance.	◐ Moderate capital cost. Low life cycle cost. Moderate short-term impacts on nearby businesses during construction.	◐ Moderate capital cost. Low Life Cycle Cost. Moderate short-term impacts on nearby businesses during construction.	◐ High capital cost. High Life Cycle Cost. Highest short-term impacts on nearby businesses during construction.
Addresses Project Problem and Opportunity Statement	✘	✓	✓	✓
Overall Summary	Not Carried Forward	Not Carried Forward	Carried Forward	Not Carried Forward

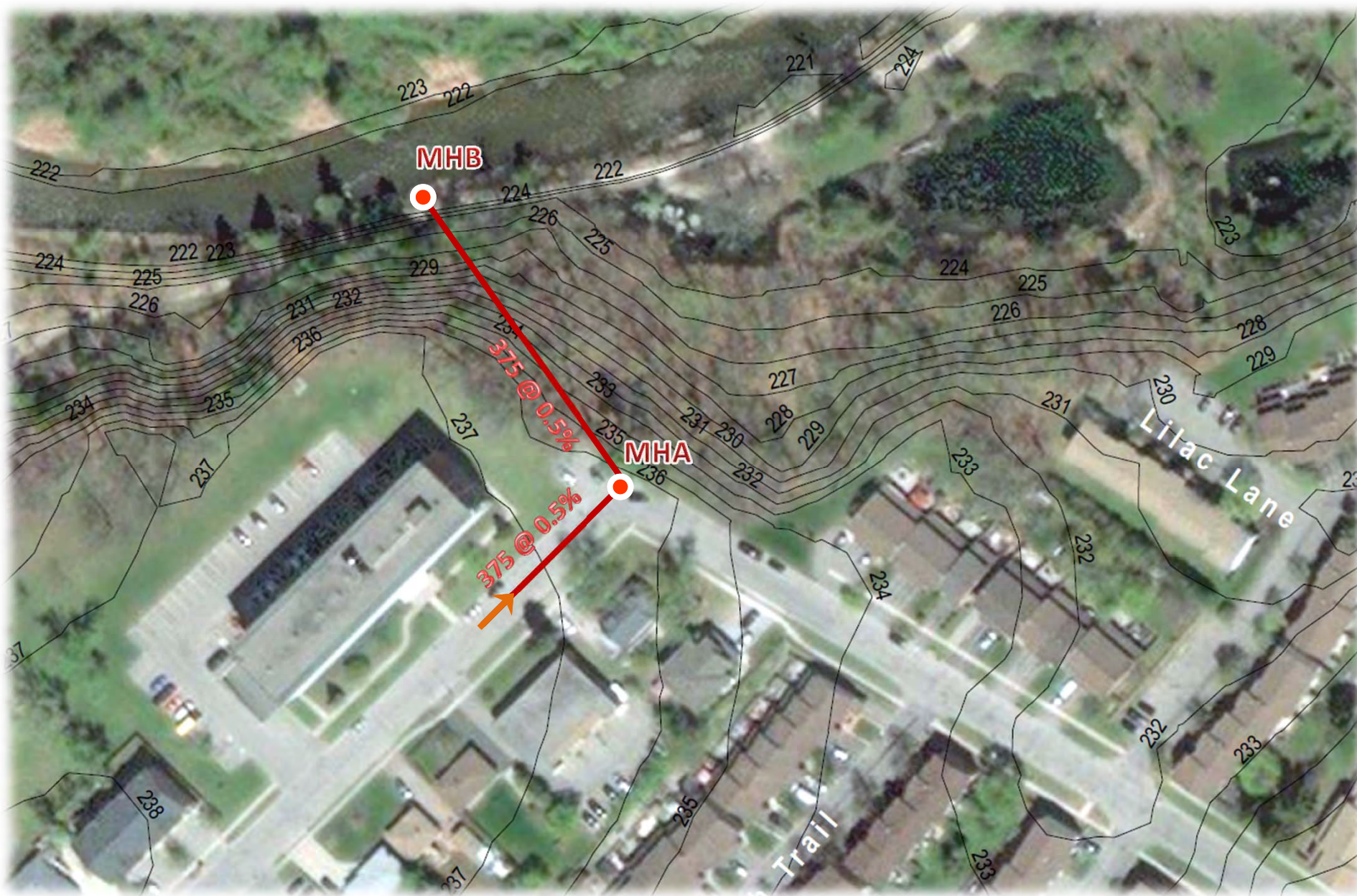


PRELIMINARY PREFERRED SOLUTION

Alternative 3:

Replacement Station at the Existing Location with Emergency Overflow to Credit River





PROPOSED OVERFLOW CONFIGURATION

Halton.ca ☎ 311





PROPOSED OVERFLOW

Halton.ca ☎ 311



PROJECT SCHEDULE AND NEXT STEPS

- Notice of Commencement – March 2017
- Stakeholder communication – ongoing
 - First Nations, Agencies, Local Municipality, Commercial, Residents
- In-TAC #1 – April 2017
- In-TAC #2 – September 2017
- Ex-TAC #1 – October 2017
- Individual Meetings with Agency (CVC) and Non-agency Stakeholders (CRAA, Wolf Property Owner)
- Public Information Centre – November 30, 2017
- Agency Reviews – January 2018
- Notice of Completion, Project File for 30 days Public review – March, 2018



FOR FURTHER INFORMATION – CONTACT US

Mr. Sanjeev Oberoi, P.Eng.

Project Manager

Halton Region

1151 Bronte Road

Oakville, Ontario L6M 3L1

Phone: 905-825-6000 ext. 7921

Fax: 905-847-2192

Email: Sanjeev.Oberoi@halton.ca

Mr. Jeff Langlois, P. Eng., MBA

Project Manager

R. J. Burnside and Associates

292 Speedvale Avenue, Unit 20

Guelph, Ontario, N1H 1C4

Phone: 519-823-4995

Fax: 519-836-5477

Email: Jeff.Langlois@rjburnside.com



Halton.ca  311



DISCUSSION



Halton.ca  311



Avid Banihashemi

From: Shae Richter
Sent: Tuesday, December 05, 2017 10:34 AM
To: Avid Banihashemi
Subject: FW: CVC Mtg 1 Minutes (John Street WWPS)
Attachments: 170927_CVC Meeting No 1- Minutes - 039946_reduced.pdf

From: Shae Richter
Sent: Tuesday, October 10, 2017 4:26 PM
To: 'Sanjeev.Oberoi@halton.ca'; 'Adam.Gilmore@halton.ca'; 'Jerry.Dean@halton.ca'; 'lmarray@creditvalleyca.ca'; 'rhaq@creditvalleyca.ca'; Nicholle Smith
Cc: Avid Banihashemi; Jeff Langlois
Subject: CVC Mtg 1 Minutes (John Street WWPS)

Good afternoon,

On behalf of Jeff Langlois, please see the attached minutes from CVC Meeting No. 1 for John Street WWPS.

Thank you,
Shae Richter

Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Thursday, May 31, 2018 1:16 PM
To: 'Murray, Liam'
Cc: Jeff Langlois; Avid Banihashemi
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Liam,

The timeline for CVC review comment was this week, so it would be much appreciated if you could provide your comments by **Next Tue (June 5)** at the latest.

Please note that the Region is planning to file the report on June 14, 2018. The final Project File Report will be open for a 45 day public review period (from June 14 – July 30). You will receive the notice of Study completion regarding this during the week of June 11.

Thanks,
Sanjeev

From: Murray, Liam [mailto:Liam.Murray@cvc.ca]
Sent: Thursday, May 31, 2018 7:25 AM
To: Oberoi, Sanjeev
Cc: Jeff Langlois; 'Avid Banihashemi'
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Sanjeev

Sorry I have been unable to return your call. Your project is on our list to review. I am not expecting many comments. Can you provide a timeline for comments. T

Thanks

Liam

Liam Murray
Senior Manager, Planning Ecology| Credit Valley Conservation
905.670.1615 ext 239 | C: 416.896.1064| 1.800.668.5557
liam.murray@cvc.ca | cvc.ca

From: Oberoi, Sanjeev [mailto:Sanjeev.Oberoi@halton.ca]
Sent: May 30, 2018 12:32 PM
To: Murray, Liam
Cc: Jeff Langlois; 'Avid Banihashemi'
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Good Afternoon Liam,

I had left you a voice message regarding this too. Just a friendly reminder that please send me your comments regarding the draft Project File Report for the John Street Municipal Class EA project.

Thanks,

Sanjeev Oberoi, P.Eng., PMP

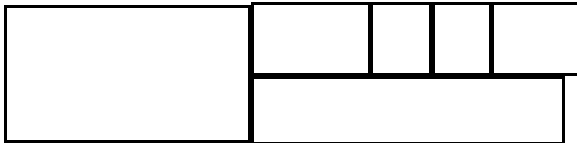
Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7921 | 1-866-442-5866



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From: Avid Banihashemi [<mailto:Avid.Banihashemi@rjburnside.com>]
Sent: Friday, May 18, 2018 3:35 PM
To: lmarray@creditvalleyca.ca
Cc: Jeff Langlois; Oberoi, Sanjeev
Subject: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Dear Mr. Marray,

The Draft Project File Report (PFR) for John Street Wastewater Pumping Station (WWPS) Upgrades Schedule B Environmental Assessment Study has been distributed for agency review. A digital submission was made through email to you on 1st May 2018 including a Submission Letter, the Draft PFR, and the Draft PFR Appendices, for CVC's review and comment. A hard copy of the Draft PFR was followed by courier.

This is a friendly reminder that we would appreciate comments from CVC to Burnside and Halton Region by Tuesday, May 29, 2018.

Best Regards,

John Street WWPS EA Project Team



Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
Office: 800-265-9662 Direct: 226-486-1562
www.rjburnside.com

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Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Thursday, June 07, 2018 1:02 PM
To: Jeff Langlois
Cc: Avid Banihashemi
Subject: FW: CVC Memo_20171018
Attachments: CVC Memo_20171018.docx

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Jeff,

Please go through Liam comments regarding the draft PFR and give me call when you get a chance to discuss this.

Thanks,

Sanjeev Oberoi, P.Eng., PMP

Project Manager II

Infrastructure Planning & Policy

Public Works

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From: Marray, Liam [mailto:Liam.Marray@cvc.ca]
Sent: Thursday, June 07, 2018 12:21 PM
To: Oberoi, Sanjeev
Subject: CVC Memo_20171018

Sanjeev

Please find CVC's comments on the draft ESR for the John St Pumping Station.

If you have any questions, do not hesitate to contact me.

Liam

Liam Marray

Senior Manager, Planning Ecology| Credit Valley Conservation
905.670.1615 ext 239 | C: 416.896.1064| 1.800.668.5557
liam.murray@cvc.ca | cvc.ca

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Memo

**To: Sanjeev.Oberoi
Project Manager
Halton Region**

**From: Liam Marray
Manager Planning Ecology**

Date: June 7, 2018

**Re: Draft Report Environmental Study Report
John Street Pumping Station
Georgetown, Ontario**

Sanjeev

CVC has undertaken a preliminary review of the above-noted report and provide the following comments for your consideration.

Pg 13 – identifies Conservation Halton GIS Layers not CVC

- Does not identify the Region of Halton Natural Heritage System. CVC recommends that you contact Region of Halton Planning Services for appropriate information and to determine if they have any concerns

Pg 14 – CVC has been advised that within Aurora District Office of MNR that the Guelph District protocol should not be used. We recommend that you contact Aurora District Office to confirm their requirements.

Table 8.1 – CVC has no objection with respect to the location of the waste water treatment pumping station. However, we would recommend more analysis is needed to demonstrate that Location A is preferred over Location D. Location D is identified preferred from an environmental perspective and it is not clear how this has been weighed in the criteria. We recognize some of the technical studies for the outfall (geomorphological and slope stability); so it is unclear how these factors were considered.

- Typically we would recommend that you undertake the technical studies as part of the ESR, since it would provide more certainty prior to detail design.

Pg 73 -It was our understanding that any proposed outfall would be constructed using trenchless technologies to mitigate impacts to the significant natural communities associated with the Credit River valley. This was not identified in the Commitments. CVC would have serious concerns if the preferred option for any works within the valley was not trenchless.

- The report did not identify that a compensation/restoration plan would be undertaken as part of detail design.

....2

Page 2

June 7, 2018

**Re: Draft Report Environmental Study Report
John Street Pumping Station
Georgetown, Ontario**

I hope these comments are helpful. If you have any additional questions, do not hesitate to contact the undersigned.

Liam

Liam Marray

Senior Manager, Planning Ecology | Credit Valley Conservation
905.670.1615 ext 239 | C: 416.896.1064 | 1.800.668.5557
liam.marray@cvc.ca | cvc.ca

Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Friday, June 08, 2018 4:27 PM
To: Jeff Langlois
Cc: Avid Banihashemi
Subject: FW: CVC Memo_20171018
Attachments: CVC Memo_20171018.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Jeff,

I had a phone discussions with Liam on June 7, 2018 around 1:00 pm regarding the CVC memo (attached). Following were our discussion points;

- I explained to Liam that the emergency overflow location D was considered by the project team during the evaluation of overflow locations. I further explained to him that although, this location provides lower potential environmental impact but the length of the pipe required from the John Street WWPS to Location D would be significantly high which will increase the capital cost significantly. Also, this option will result in potential negative social impact to neighbors because of the construction on two busy roads in the Town of HH (Mountain view Rd. and River Drive). Liam agreed to this and suggested that we need to add this justification in the PFR and this will provide rational for the non-selection of location D as the preferred alternative. I agreed that the project team will make the required changes in the final version of the PFR to reflect this.
- I also informed him that the project team will add the commitment in the PFR to use the trenchless technique for the construction of the emergency overflow pipe. Also, the restoration plan will be added in the commitment section.

Thanks,

Sanjeev Oberoi, P.Eng., PMP

Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

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From: Marray, Liam [mailto:Liam.Marray@cvc.ca]

Sent: Thursday, June 07, 2018 12:21 PM

To: Oberoi, Sanjeev

Subject: CVC Memo_20171018

Sanjeev

Please find CVC's comments on the draft ESR for the John St Pumping Station.

If you have any questions, do not hesitate to contact me.

Liam

Liam Marray

Senior Manager, Planning Ecology | Credit Valley Conservation

905.670.1615 ext 239 | C: 416.896.1064 | 1.800.668.5557

liam.marray@cvc.ca | cvc.ca

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Avid Banihashemi

From: Gilmore, Adam <Adam.Gilmore@halton.ca>
Sent: Friday, June 08, 2018 4:39 PM
To: 'LMurray@creditvalleyca.ca'; 'mark.heaton@ontario.ca'
Cc: Oberoi, Sanjeev; Avid Banihashemi; Jeff Langlois; Green-Battiston, Melissa
Subject: FW: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Mark and Liam,

Thank you both for your review of the Draft John Street Wastewater Pumping Station EA Project File Report (PFR). As discussed with Mark Heaton this morning, we will be addressing your comments and commitment to confirm the emergency overflow location at detailed design.

As such, we will modify the PFR to clearly indicate that the location will be determined during detailed design. This approach will provide for the opportunity to complete required Geomorphology, Hydrogeological, and Geotechnical Studies, and consider the results of these works, prior to confirming an overflow location.

The messaging that we will incorporate into the PFR text and figures is as follows:

Four alternative locations (A, B, C and D) were identified as possible emergency overflow locations for the John Street WWPS:

- *Emergency overflow to Credit River - East end of John Street (location A)*
- *Emergency overflow to Private Ponds (Location B)*
- *Emergency overflow to Lynden Circle Storm sewer (Location C)*
- *Emergency overflow to Credit River - upstream of the River Road Bridge (Location D)*

The preferred emergency overflow location will be confirmed during the detailed design stage of the project. Selection of the preferred location will consider the results of Geomorphology, Hydrogeological, and Geotechnical studies, all of which will be completed during detailed design (as outlined in Section 8.5 – Future Commitments).

Please note that we will proceed with filing the PFR next week.

Kind regards,
Adam

Adam Gilmore, M.A.Sc., P.Eng.
Supervisor, Water & Wastewater Planning
Infrastructure Planning & Policy
Halton Region
905-825-6000, ext. 7134 | 1-866-442-5866

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-----Original Message-----

From: Oberoi, Sanjeev
Sent: Thursday, June 07, 2018 1:57 PM
To: Gilmore, Adam
Subject: FW: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Fyi

-----Original Message-----

From: Marray, Liam [<mailto:Liam.Marray@cvc.ca>]
Sent: Thursday, June 07, 2018 1:27 PM
To: Heaton, Mark (MNRF); Oberoi, Sanjeev
Cc: 'Jeff Langlois'; 'Avid Banihashemi'; Clark, Richard
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Sanjeev

I see MNRF has also concerns with Location A, maybe a joint meeting would be beneficial. I would also add Regional Planning Services to this meeting.

Thanks

Liam

-----Original Message-----

From: Heaton, Mark (MNRF) [<mailto:mark.heaton@ontario.ca>]
Sent: June 7, 2018 1:23 PM
To: Oberoi, Sanjeev
Cc: 'Jeff Langlois'; 'Avid Banihashemi'; Marray, Liam
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Hello Sanjeev

Review of the draft ESR has been completed.

Of interest is the deferral of the overflow location selection to detailed design stage. MNRF recommends that ESR state the preferred overflow location based on the environmental impacts and potential effects. Location A is not supported for a number of reasons relating to groundwater, an existing community fish hatchery and the instability of the Credit River at that location. Since our meeting of November 17, a portion of Wolfe Lane was lost this past February due to high flows overtopping the road. Locating an outfall on the outside bend of the Credit River, as portrayed in Option A, should be avoided.

A modified version of option C should be considered whereby the existing Lynden Circle easement is used and the headwall located at toe of valley wall. This modified option would not involve a direct connection to the Credit River.

Regards

Mark Heaton
OMNRF Aurora

Jeff Langlois

From: Gilmore, Adam <Adam.Gilmore@halton.ca>
Sent: Monday, June 11, 2018 3:01 PM
To: 'liam marray'; Marray, Liam; mark.heaton@ontario.ca; sanjeev.oberoi@halto.ca; richard.clark@haton.ca
Cc: rizwan.haq@cvc.ca; Jeff Langlois; Avid Banihashemi; Green-Battiston, Melissa
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Hi Liam,

Thank you for your review. We will add the Hydrological Study requirement to Section 8.5. Note that we have followed-up with our Planning Dpt per your suggestion to confirm what is required from a natural heritage perspective – the PFR will be revised to include their recommendations in this regard.

Kind regards,
Adam

Adam Gilmore, M.A.Sc., P.Eng.
Supervisor, Water & Wastewater Planning
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7134 | 1-866-442-5866



From: liam marray [mailto:clkmarray@sympatico.ca]
Sent: Sunday, June 10, 2018 3:05 PM
To: Marray, Liam; mark.heaton@ontario.ca; Gilmore, Adam; sanjeev.oberoi@halto.ca; richard.clark@haton.ca
Cc: rizwan.haq@cvc.ca
Subject: Re: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Adam/Sanjeev

Further to the below email from MNRF, CVC has no objection to the preferred outflow being confirmed during detail design. In addition, to the studies identified in the email, CVC will also require hydrological study confirming no impacts to the floodplain of the Credit River. Please add to Section 8.5 Future Commitments.

We would also recommend that you contact Halton Planning Services to confirm any additional requirements that they may have.

Yours truly,

Liam Marray
Senior Manager

----- Original Message -----

From: Murray, Liam

To: clkmurray@sympatico.ca

Sent: Sunday, June 10, 2018 2:47 PM

Subject: Fwd: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Sent from my iPhone

Begin forwarded message:

From: "Heaton, Mark (MNRF)" <mark.heaton@ontario.ca>

Date: June 9, 2018 at 8:40:47 AM EDT

To: "Gilmore, Adam" <Adam.Gilmore@halton.ca>, "LMurray@creditvalleyca.ca"

<LMurray@creditvalleyca.ca>

Cc: "Oberoi, Sanjeev" <Sanjeev.Oberoi@halton.ca>, "avid.banihashemi@rjburnside.com"

<avid.banihashemi@rjburnside.com>, "Jeff.Langlois@rjburnside.com"

<Jeff.Langlois@rjburnside.com>, "Green-Battiston, Melissa" <[Melissa.Green-](mailto:Melissa.Green-Battiston@halton.ca)

[Battiston@halton.ca](mailto:Melissa.Green-Battiston@halton.ca)>

Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Hello Adam

Thank you. MNRF will accept the following:

Four alternative locations (A, B, C and D) were identified as possible emergency overflow locations for the John Street WWPS:

- Emergency overflow to Credit River - East end of John Street (location A)
- Emergency overflow to Private Ponds (Location B)
- Emergency overflow to Lynden Circle Storm sewer (Location C)
- Emergency overflow to Credit River - upstream of the River Road Bridge (Location D)

The preferred emergency overflow location will be confirmed during the detailed design stage of the project. Selection of the preferred location will consider the results of detailed Geomorphology, Hydrogeological, Natural Heritage and Geotechnical studies, all of which will be completed during detailed design (as outlined in Section 8.5 – Future Commitments).

Location in proximity to the bed or banks of the Credit River will be subject to approval by MNRF under the Public Lands Act.

Regards

Mark Heaton
Fish and Wildlife Biologist
OMNRF Aurora District
(905) 713 7406 office
(416) 993 1295 mobile

From: Gilmore, Adam [Adam.Gilmore@halton.ca]
Sent: Friday, June 08, 2018 4:38 PM
To: 'LMurray@creditvalleyca.ca'; Heaton, Mark (MNRF)
Cc: Oberoi, Sanjeev; 'avid.banihashemi@rjburnside.com'; 'Jeff.Langlois@rjburnside.com';
Green-Battiston, Melissa
Subject: FW: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR)
Agency Distribution

Hi Mark and Liam,

Thank you both for your review of the Draft John Street Wastewater Pumping Station EA Project File Report (PFR). As discussed with Mark Heaton this morning, we will be addressing your comments and commitment to confirm the emergency overflow location at detailed design.

As such, we will modify the PFR to clearly indicate that the location will be determined during detailed design. This approach will provide for the opportunity to complete required Geomorphology, Hydrogeological, and Geotechnical Studies, and consider the results of these works, prior to confirming an overflow location.

The messaging that we will incorporate into the PFR text and figures is as follows:

Four alternative locations (A, B, C and D) were identified as possible emergency overflow locations for the John Street WWPS:

- Emergency overflow to Credit River - East end of John Street (location A)
- Emergency overflow to Private Ponds (Location B)
- Emergency overflow to Lynden Circle Storm sewer (Location C)
- Emergency overflow to Credit River - upstream of the River Road Bridge (Location D)

The preferred emergency overflow location will be confirmed during the detailed design stage of the project. Selection of the preferred location will consider the results of Geomorphology, Hydrogeological, and Geotechnical studies, all of which will be completed during detailed design (as outlined in Section 8.5 – Future Commitments).

Please note that we will proceed with filing the PFR next week.

Kind regards,
Adam

Adam Gilmore, M.A.Sc., P.Eng.
Supervisor, Water & Wastewater Planning
Infrastructure Planning & Policy
Halton Region
905-825-6000, ext. 7134 | 1-866-442-5866

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-----Original Message-----

From: Oberoi, Sanjeev

Sent: Thursday, June 07, 2018 1:57 PM

To: Gilmore, Adam

Subject: FW: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR)
Agency Distribution

Fyi

-----Original Message-----

From: Marray, Liam [<mailto:Liam.Marray@cvc.ca>]

Sent: Thursday, June 07, 2018 1:27 PM

To: Heaton, Mark (MNRF); Oberoi, Sanjeev

Cc: 'Jeff Langlois'; 'Avid Banihashemi'; Clark, Richard

Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR)
Agency Distribution

Sanjeev

I see MNRF has also concerns with Location A, maybe a joint meeting would be beneficial. I would also add Regional Planning Services to this meeting.

Thanks

Liam

-----Original Message-----

From: Heaton, Mark (MNRF) [<mailto:mark.heaton@ontario.ca>]

Sent: June 7, 2018 1:23 PM

To: Oberoi, Sanjeev

Cc: 'Jeff Langlois'; 'Avid Banihashemi'; Marray, Liam

Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR)
Agency Distribution

Hello Sanjeev

Review of the draft ESR has been completed.

Of interest is the deferral of the overflow location selection to detailed design stage. MNRF recommends that ESR state the preferred overflow location based on the environmental impacts

and potential effects. Location A is not supported for a number of reasons relating to groundwater, an existing community fish hatchery and the instability of the Credit River at that location. Since our meeting of November 17, a portion of Wolfe Lane was lost this past February due to high flows overtopping the road. Locating an outfall on the outside bend of the Credit River, as portrayed in Option A, should be avoided.

A modified version of option C should be considered whereby the existing Lynden Circle easement is used and the headwall located at toe of valley wall. This modified option would not involve a direct connection to the Credit River.

Regards

Mark Heaton
OMNRF Aurora

-----Original Message-----

From: Oberoi, Sanjeev [<mailto:Sanjeev.Oberoi@halton.ca>]
Sent: June 6, 2018 2:43 PM
To: Heaton, Mark (MNRF) <mark.heaton@ontario.ca<<mailto:mark.heaton@ontario.ca>>>
Cc: 'Jeff Langlois' <Jeff.Langlois@rjburnside.com<<mailto:Jeff.Langlois@rjburnside.com>>>;
'Avid Banihashemi'
<Avid.Banihashemi@rjburnside.com<<mailto:Avid.Banihashemi@rjburnside.com>>>
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR)
Agency Distribution

Thanks Mark.

We are planning to file the Project File Report on June 14, 2018. The final Project File Report will be open for a 45 day public review period (from June 14 – July 30). We will look forward to your comments for the final report during that time.

Sanjeev

Sanjeev Oberoi, P.Eng., PMP
Project Manager II
Infrastructure Planning & Policy
Halton Region
905-825-6000, ext. 7921 | 1-866-442-5866

-----Original Message-----

From: Heaton, Mark (MNRF) [<mailto:mark.heaton@ontario.ca>]
Sent: Wednesday, June 06, 2018 1:06 PM
To: Oberoi, Sanjeev
Cc: 'Jeff Langlois'; 'Avid Banihashemi'; Gilmore, Adam
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR)
Agency Distribution

Hello Sanjeev

Very busy in May and June - will review if time permits

Regards

Mark Heaton
Fish and Wildlife Biologist
OMNRF Aurora District
(905) 713 7406 office
(416) 993 1295 mobile

From: Oberoi, Sanjeev [Sanjeev.Oberoi@halton.ca]
Sent: Wednesday, June 06, 2018 10:43 AM
To: Heaton, Mark (MNRF)
Cc: 'Jeff Langlois'; 'Avid Banihashemi'; Gilmore, Adam
Subject: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Good Morning Mark,

I had left you another voice message regarding this. Just a friendly reminder that please send me your comments (if any) regarding draft Project File Report for the John Street Municipal Class EA project.

Please note that the Region is planning to file the report on June 14th , 2018. The final Project File Report will be open for a 45 day public review period (from June 14th – July 30th). You will receive the Notice of Study Completion regarding this during the week of June 11th.

Thanks,
Sanjeev

Sanjeev Oberoi, P.Eng., PMP
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7921 | 1-866-442-5866

[Halton Region logo] [Twitter logo] <<https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftwitter.com%2FRegionofhalton&data=02%7C01%7Cmark.heaton%40ontario.ca%7C73840ac68a1d4c44ca4b08d5cbbbf158%7Ccddc1229ac2a4b97b78a0e5cacb5865c%7C0%7C0%7C636638930424382666&sdata=UUrTPosvBTYffupzXgSHiMzNZNCLnN204o%2BssVIy%2Bdg%3D&reserved=0>> [Facebook logo] <<https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.facebook.com%2FRegionofHalton&data=02%7C01%7Cmark.heaton%40ontario.ca%7C73840ac68a1d4c4>

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From: Oberoi, Sanjeev

Sent: Wednesday, May 30, 2018 12:34 PM

To: Heaton, Mark (MNRF)

Cc: Jeff Langlois; 'Avid Banhashemi'

Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR)

Agency Distribution

Good Afternoon Mark,

I had left you a voice message regarding this too. Just a friendly reminder that please send me your comments regarding draft Project File Report for the John Street Municipal Class EA project.

Thanks,
Sanjeev

From: Avid Banhashemi [<mailto:Avid.Banhashemi@rjburnside.com>]

Sent: Friday, May 18, 2018 3:33 PM
To: Heaton, Mark (MNRF)
Cc: Jeff Langlois; Oberoi, Sanjeev
Subject: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Dear Mr. Heaton,

The Draft Project File Report (PFR) for John Street Wastewater Pumping Station (WWPS) Upgrades Schedule B Environmental Assessment Study has been distributed for agency review. A digital submission was made through email to you on 1st May 2018 including a Submission Letter, the Draft PFR, and the Draft PFR Appendices, for MNRF's review and comment. A hard copy of the Draft PFR was followed by courier.

This is a friendly reminder that we would appreciate comments from MNRF to Burnside and Halton Region by Tuesday, May 29, 2018.

Best Regards,

John Street WWPS EA Project Team

[\[cid:image001.png@01D3FD83.46ECE630\]](#)

Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
Office: 800-265-9662 Direct: 226-486-1562
<https://na01.safelinks.protection.outlook.com/?url=www.rjburnside.com&data=02%7C01%7Cmark.heaton%40ontario.ca%7C05c7498565594777c21208d5cbdd5f23%7Ccdde1229ac2a4b97b78a0e5cacb5865c%7C0%7C0%7C636639073995525582&sdata=fjyDAQOZIaEaDv77SJ1tEqpLpgjIKc0qxS1RORqpw%2B4%3D&reserved=0<https://na01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.rjburnside.com&data=02%7C01%7Cmark.heaton%40ontario.ca%7C73840ac68a1d4c44ca4b08d5cbbbf158%7Ccdde1229ac2a4b97b78a0e5cacb5865c%7C0%7C0%7C636638930424412694&sdata=lpeGXiWXMh5c3%2FBvJPCZUwbQBW2bid3%2BcmxnkKaNFj0%3D&reserved=0>>

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BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Minutes of Meeting

Meeting Date: October 13, 2017 **Project No.:** 300039946.0000
Project Name : Municipal Class Environmental Assessment Study for John Street
Wastewater Pumping Station
Meeting Subject: Ex-TAC Meeting #1
Meeting Location: 8140 Fifth Line North, Georgetown-Hornby Room
Date Prepared: October 16, 2017

Those in attendance were:

Mark Taylor	Town of Halton Hills	MarkTaylor@haltonhills.ca
Sanjeev Oberoi	Regional Municipality of Halton (Region)	Sanjeev.Oberoi@halton.ca
Melissa Green-Battiston	Regional Municipality of Halton	melissa.green-battiston@halton.ca
Jerry Dean	Regional Municipality of Halton	Jerry.Dean@halton.ca
Jeff Langlois	R.J. Burnside & Associates Limited (Burnside)	Jeff.Langlois@rjburnside.com
Avid Bani Hashemi Jahromi	R.J. Burnside & Associates Limited	Avid.Banishemijahromi@ rjburnside.com
Nicholle Smith	R.J. Burnside & Associates Limited	Nicholle.Smith@rjburnside.com

Regrets:

Melissa Fialho	Regional Municipality of Halton	Melissa.Fialho@halton.ca
Enzo Florio	Regional Municipality of Halton	Enzo.Florio@halton.ca
Adam Gilmore	Regional Municipality of Halton	Adam.Gilmore@halton.ca
Mark Heaton	OMNRF Aurora District	mark.heaton@ontario.ca

The following items were discussed

Action by

-
- | | |
|---|--|
| 1. Welcome | |
| 1.1 Copies of the meeting agenda and the Ex-TAC Presentation were circulated. | |

The following items were discussed	Action by
2. Introduction	
2.1 Jeff introduced himself and Burnside staff. Mark Taylor and the Region Team introduced themselves and their roles.	
3. Review of Background Information	
3.1 Jeff discussed the meeting agenda, reviewed the meeting objectives and noted that the Project Team is soliciting input from the external stakeholders on the recommended preliminary preferred alternative before this alternative is presented to the public.	
3.2 Jeff discussed the project needs and justification, the Problem and Opportunity Statement, the Class EA Process, the Study Area and the Study Area map with elements and features.	
4. Existing John Street WWPS	
4.1 Overall Jeff noted that following major elements will need to be addressed for the John St. Wastewater pump station (WWPS): Currently: <ul style="list-style-type: none">• lack of an emergency overflow;• relatively low emergency storage volume providing ten to fifteen minute of storage at Peak wet weather flow (PWWF);• single forcemain servicing WWPS.	
5. Constraints	
5.1 Jeff discussed the constraints associated with providing an emergency overflow, including: <ul style="list-style-type: none">• CVC regulated areas;• natural heritage/ecological issues;• overflow configuration and local environmental constraints;• required easements; and• local limitations (i.e., CRAA activities). Jeff also noted that the proposed emergency overflow will only be used (very rarely) in case of emergency conditions such as extreme wet weather conditions and then only if all the other barriers (including 1 hour emergency storage, standby power and standby pumps) fail.	

The following items were discussed	Action by
<p>5.2 Nicholle further discussed the various natural environmental surveys that have been completed as part of the John St. WWPS EA, including amphibian surveys, bat habitat surveys (including both leaf off/on, and acoustic), aquatic habitat assessment, breeding bird survey, tree inventory, and Ecological Land Classification (ELC). She further discussed a number of ecological features and functions in the proximity of the proposed overflow location at the bend of John St. including a Maple Mineral Deciduous Swamp and groundwater discharge areas (seeps). She further elaborated on the private ponds and general habitat that was found during the surveys.</p>	
<p>5.3 Nicholle presented the pictures illustrating the dynamics of water in the ponds and the river. Nicholle further explained that there might be some discharge from the hatchery ponds to the private pond(s). Nicholle clarified that they are inter-connected with likely downstream flow.</p>	
<p>5.4 Mark asked if the owner of the Credit River Valley in the Study Area is aware of the Region's plans and the upcoming WWPS upgrades. Sanjeev clarified that a conversation is underway through the Region's Realty Representative. However, the owner has been notified about the project through a Notice of Commencement for the EA study. Also, a Permit to Enter (PTE) has been attained prior to performing the visits and environmental surveys.</p>	
<p>6. Preliminary Alternative Solutions</p>	
<p>6.1 Jeff presented preliminary alternative solutions including:</p> <ul style="list-style-type: none">• Alternative 1 - Do Nothing;• Alternative 2 - Upgrade existing station;• Alternative 3 - Build new station at the existing location (within the John St. Park area);• Alternative 4 - New station at a new location;• Alternative 5 - Redirecting flow from Lynden Circle; and• Alternative 6 - I & I (Infiltration and Inflow). <p>It was noted that Alternatives 5 and 6 are not considered stand-alone alternatives and may be considered in combination with Alternatives 2, 3, or 4.</p>	

The following items were discussed	Action by
<p data-bbox="181 321 591 352">6.2 Jeff further discussed:</p> <p data-bbox="305 380 1156 751">Alternative 2, brings the existing station up to standards, and includes an emergency overflow and storage. It was noted that the amount of new construction associated with bringing the existing station up to standards makes this alternative very similar to Alternative 3. Under Alternative 2 the existing wet well and drywell spaces would be converted to form a small portion of the required emergency storage. The balance of the existing station would be decommissioned. Four potential emergency overflow options were discussed as sub-alternatives. Overflow locations have been identified as:</p> <ul data-bbox="305 779 1156 1503" style="list-style-type: none"><li data-bbox="305 779 1122 810">(A) Overflow discharge to the river, upstream of the hatchery.<li data-bbox="305 821 1068 852">(B) Overflow discharge to the storm pond (screened out).<li data-bbox="305 863 1094 926">(C) Overflow discharge connecting to the Lynden Cr. storm (screened out).<li data-bbox="305 936 1156 1503">(D) Overflow discharge to the river upstream Barber Mill Dam. Jeff explained that the overflow D is screened out due the fact that the overflow would need to be very long and very deep and would substantially add to the capital cost). Mark agreed and noted that in addition to the high cost, this proposed overflow would require to be constructed along two major roads in the area (Mountainview and River Dr.) and the construction process (although trenchless) could negatively impact the residents. Mark asked if any cross-sections for the overflow would be presented to public to clarify on the elevations. Sanjeev replied that any cross-sections for the overflow will be developed during detailed design stage; however, a general topography/elevation map along with some clarifying information might be included in the PIC boards. <p data-bbox="305 1530 1156 1635">Three of the overflow alternatives (B, C, and D) have been screened out, and only Alternative A has been carried forward for this alternative, as well as for Alternative 3.</p> <p data-bbox="305 1677 1110 1782">Alternative 3 is very similar to Alternative 2, with respect to the magnitude of construction required, however this alternative includes a completely new WWPS structures.</p> <p data-bbox="305 1824 1156 1967">Alternative 4 includes a new station at a new location. The potential new locations were selected because they are on Town owned lands and could be easily acquired. The evaluation of this option is based on relocating to the WWPS to Barber Mill Park.</p>	

The following items were discussed	Action by
<p>For this alternative the overflow discharge location is location D (just upstream the bridge on River Dr.). This outfall location is significantly closer to the proposed new location for the relocated WWPS. Mark noted that Barber Mill Park also has a relatively new playground which the Town would like to keep, and asked about the proposed footprint/location for the new pumping station at this location. Jeff replied that for this alternative the PS is proposed to be built at the back of the lot (with a steep slope) with retaining walls.</p>	
<p>Alternative 5 - includes redirecting flow from Lynden Circle directly to the gravity sewer at John St. and Victoria Ave. This would reduce the flows directed to the John St. WWPS. On its own this alternative does not solve the problem and would have to be undertaken in combination with Alternative 2, 3 or 4.</p>	
<p>Alternative 6, I & I (Infiltration and Inflow). This alternative could reduce peak flow to station. On its own this alternative does not solve the problem and would have to be undertaken in combination with Alternative 2, 3 or 4.</p>	
<p>7. Alternative Evaluation</p>	
<p>7.1 Jeff further presented the Evaluation Criteria including:</p> <ul style="list-style-type: none">• Natural Environment;• Socio-Cultural Environment;• Technical/Operational Environment;• Legal/Jurisdictional Environment; and• Economic Environment.	
<p>7.2 Nicholle further discussed the completed Natural environment studies and more specifically discussed the bat survey including both leaf off/leaf on and the acoustic survey. She elaborated that acoustic bat survey station has been identified with the consultation with MNRFB and that the results showed that Credit River Valley corridor in the Study Area performs as a potential habitat for a number of Species at Risk (SAR) bats and therefore permits though MNRFB may be required for the emergency overflow.</p>	
<p>7.3 Jeff further explained the evaluation methodology through an evaluation matrix. He elaborated on evaluation matrix for each alternative and discussed how they have been rated through the evaluation process. He further discussed that Alternative 3 has</p>	

The following items were discussed	Action by
<p>been ranked as the most preferred alternative and has been recommended by the project team as the preliminary preferred Alternative Solution.</p>	
<p>8. Proposed Overflow Configuration</p>	
<p>8.1 Jeff presented the proposed overflow configuration (location A) for the proposed preferred alternative (Alternative 3, with emergency discharge at discharge location A) and discussed that the configuration has been proposed with specific consideration to the bat habitat trees, natural constraints (seepage swamp) and the hatchery. He explained that the hatchery is believed to be supplied by the cold water from groundwater seepage and an important consideration will be to avoid impacting the groundwater regime during construction of the emergency overflow. He also noted that the overflow is proposed to be constructed using trenchless technology for minimal impact. Mark commented that the proposed configuration/location of the overflow seem reasonable considering that there is already an access road (Wolf Lane). Mark asked if geotechnical studies will be performed to confirm no impact on the seepage water that feeds the hatchery. Jeff replied that a geotechnical study it is planned be done for the proposed preferred alternative and may be further studied during detailed design.</p>	
<p>8.2 Jeff presented existing pumping station configuration in the John St. park noting the playground on the west side of the lot. Jeff also presented the conceptual footprint of the new pumping station with the station locate on the west side of the park. This placement would require the relocation and replacement of the playground (within the park) Jeff also presented a layout with the replacement station located on the east side of the park.</p>	
<p>8.3 Mark expressed concerns about the size of the station and the proposed location. Mark noted that reducing the size of the foot print would be desirable and that moving the station further back on the park parcel and or to the east is likely desirable. Jeff explained the reasons that the replacement station is so much larger than the existing station. Much of this stems from changes in codes and standards and the proposed layout is consistent with the Region's requirements for a station of this capacity.</p>	

The following items were discussed	Action by
<p>8.4 Jeff further presented a number of back-up slides showing the various previously discussed options (options 1, 2, and 3) for the footprint and why the proposed one has been picked.</p> <p>Marked asked if similar Region's pumping stations are of similar size. Jerry responded that Arbour Glen has similar footprint, and Halton Hill #3 pumping station is smaller since it has a smaller design capacity (temporary PS).</p>	
<p>8.5 Jerry further explained that the paved area around the building is required for servicing purposes which would include a yearly cleanout with a truck crane to remove pumps.</p>	
<p>8.6 Mark further noted the mature trees located on the front of the lot and that they will need to be removed if the proposed footprint is not altered. He also noted that it is assumed that the PS building will be design to be visually compatible with the residential area with the exception of fencing.</p>	
<p>8.7 Jeff further clarified that the proposed layout is based on the recommended lay out in the Region's guideline. A hardcopy of a more detailed conceptual plan of the proposed building (prepared by the project team) was presented to Mark. Sanjeev noted that the office/washroom space has been removed from the design to further shrink the footprint. The potential of modifying the two-driveway-access design was also discussed.</p>	
<p>8.8 Mark suggested that the Project Team provides the Town of Halton with a number of alternative layouts for the PS footprint within the John St. Park that would better balance technical and recreational use needs. Mark noted these would be further reviewed and discussed with senior managers at the Town. Mark also suggested that a design with the pumping station in the back of the lot would seem to be less impactful to the Park users. He also noted that the two-access-driveway design would use up a lot of the Park's space and therefore is suggested to be avoided/modified in the future proposed designs. It was also discussed that the potential of modifying the paved area (access pathway) be explored and the potential of it being partially used by public through more natural features/finishes be considered. Jerry noted that the paved access area being available to public may result in public using the area as the Park's parking which makes it not available to Region's O&M staff.</p>	

The following items were discussed	Action by
<p>8.9 Jeff noted that the Study is a Schedule B EA and therefore would not include studying the alternative designs in detail; however, the Project Team can provide reasonable level of details for proposed footprint in the Park to better inform the public on the future possibilities and stay in line with Town’s acceptable criteria and guidelines. Melissa also suggested that a commitment can be made as part of the Study Project File Report for the detailed design stage, for the design to be creative and compatible with recreational use of the Park (playground and greenspace area).</p>	
<p>8.10 The team agreed with the above approach (items 8.8 and 8.9). The designs were agreed to be emailed to Mark and reviewed/ confirmed by the Town two to three weeks before the PIC (November 30, 2017) to provide the Study Team with ample time for review/preparation process.</p>	<p>Region/Burnside/ Town of Halton</p>
<p>8.11 It was agreed that a second meeting be scheduled once the designs are reviewed by the Town.</p>	<p>Region/Burnside</p>
<p>8.12 Mark asked if an electronic copy of the presentation can be emailed to him. Sanjeev to send an electronic copy of the presentation along with the proposed designs early following week. Post meeting Notes – Sanjeev has mailed an electronic copy of the Ex-Tac presentation to Mark.</p>	<p>Region/Burnside</p>
<p>9. Next Steps</p>	
<p>9.1 Jeff reviewed the next steps in the EA study and the upcoming project meetings.</p>	
<p>10. Adjournment</p>	
<p>The meeting was adjourned thanking everyone for their time and input.</p>	
<p>Key Action Items:</p>	
<ul style="list-style-type: none"> • Project Team to provide reasonable level of details for proposed footprint in the Park to better inform the public on the future possibilities and stay in line with Town’s acceptable criteria and guidelines. • Project Team to include a commitment as part of the Study Project File Report for the detailed design stage, for the design to be creative and compatible with recreational use of the Park (playground and greenspace area). 	

The following items were discussed	Action by
<ul style="list-style-type: none">• The details of the proposed footprint designs to be emailed to the Town by the Project Team and reviewed/confirmed by the Town two to three weeks before the PIC (November 30, 2017).• A second meeting to be scheduled by the Project Team once the designs are reviewed by the Town.• An electronic copy of the presentation to be emailed to Mark early following week (Completed).	

The preceding are the minutes of the meeting as observed by the undersigned. Should there be a need for revision, please advise Burnside within seven days of issuance. In the absence of notification to the contrary, these minutes will be deemed to be an accurate record of the meeting.

Minutes prepared by:

R.J. Burnside & Associates Limited



Jeff Langlois, P.Eng., MBA
Project Manager
AB/JL:jh

Enclosure: Ex-TAC Presentation

Distribution:

All Attendees & Absentees

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Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Monday, November 20, 2017 1:18 PM
To: 'Murray, Liam'
Cc: Avid Banihashemi
Subject: RE: John St WW pumping station

Follow Up Flag: Follow up
Flag Status: Completed

Good Afternoon Liam,

I will ensure that a draft copy of the Project file be circulated for your review prior to filing the Notice of Completion.

Best Regards,
Sanjeev

Sanjeev Oberoi, P.Eng.

Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7921 | 1-866-442-5866



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From: Murray, Liam [<mailto:lmurray@creditvalleyca.ca>]
Sent: Monday, November 20, 2017 12:51 PM
To: Oberoi, Sanjeev
Subject: John St WW pumping station

Sanjeev

CVC received the notice of the PIC for the this project. Staff of CVC will not be attending the PIC. However, we would like to review and comment on the supporting documentation from the Project File prior to the filing of the EA. In this way we will ensure that any concerns CVC may have are addressed before the final document being prepared.

If you have any questions, do not hesitate to contact me.

Liam

Liam Marray

Senior Manager, Planning Ecology| Credit Valley Conservation

905.670.1615 ext 239 | C: 416.896.1064| 1.800.668.5557

lmarray@creditvalleyca.ca | creditvalleyca.ca

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BURNSIDE

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Town of Halton Hills

Avid Banihashemi

From: Avid Banihashemi
Sent: Monday, April 03, 2017 9:11 AM
To: 'MarkTaylor@haltonhills.ca'
Cc: Jennifer Vandermeer; 'Oberoi, Sanjeev'; Jeff Langlois
Subject: RE: John St. Wastewater Pumping Station Class EA

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Mark,

Thank you for your response to the Notice of Commencement for John Street WWPS Class EA. We understand that the Town will want the Project Team to be mindful of the potential impacts to the John Street Park in relation to this Project. We acknowledge your earlier confirmation that you will be the Town's point of contact for this Project and your agreement to sit as a member of the External Technical Advisory Committee (Ex-TAC) for this Project. The purpose of the Ex-TAC is to provide comments and advice pertaining to decisions to be made by the Region of Halton with regard to improvements to John Street WWPS and the wastewater system. The Ex-TAC mandate is to be a forum for more in-depth discussion of the key study issues, concerns or solutions, and to provide advice to the Study Team. The Ex-TAC members first workshop is likely to be held June/July 2017.

We look forward to working with the Town of Halton Hills during this EA Study .

Best regards,
Avid

From: Mark Taylor [<mailto:MarkTaylor@haltonhills.ca>]
Sent: Thursday, March 30, 2017 11:08 AM
To: Jennifer Vandermeer
Subject: John St. Wastewater Pumping Station Class EA

Hi Jennifer,
Please include me in this process. See attached filled out project response form.

Mark Taylor, OALA, CSLA
Senior Landscape Architect
Town of Halton Hills
Recreation & Parks Department
1 Halton Hills Drive
Halton Hills (Georgetown), ON L7G 5G2
Tel: 905-873-2601 ext. 2267
Cell: 905-703-6366
Toll Free 1-877-712-2205 ext. 2267
Fax. 905-873-1587
email: marktaylor@haltonhills.ca
website: www.haltonhills.ca

Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Friday, April 21, 2017 3:22 PM
To: Jeff Langlois; Jennifer Vandermeer; Avid Banihashemi
Subject: Fw: John Street WWPS Class EA Study

Follow Up Flag: Follow up
Flag Status: Flagged

Fyi, please see below the response from Town of HH. Let me know if you require any more info.
Thanks,

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Mark Taylor <MarkTaylor@haltonhills.ca>
Sent: Friday, April 21, 2017 3:00 PM
To: Oberoi, Sanjeev
Subject: RE: John Street WWPS Class EA Study

Hi Sanjeev,

There are no plans for improvements at John Street Park in the near future. The last main project was replacing and relocating the playground equipment back in 2009. Typically playgrounds last 15-20 years so no changes until at least 2024. The playground would stay in the same location and footprint.

Let me know if you have any questions.

Mark Taylor, OALA, CSLA Senior Landscape Architect

Town of Halton Hills
Recreation & Parks Department
1 Halton Hills Drive
Halton Hills (Georgetown), ON L7G 5G2
Tel: 905-873-2601 ext. 2267
Cell: 905-703-6366
Toll Free 1-877-712-2205 ext. 2267
Fax. 905-873-1587
email: marktaylor@haltonhills.ca
website: www.haltonhills.ca

From: Oberoi, Sanjeev [<mailto:Sanjeev.Oberoi@halton.ca>]
Sent: April-21-17 2:04 PM
To: Mark Taylor
Subject: John Street WWPS Class EA Study

Good Afternoon Mark,

When you get a chance, could you please let me know if the Town has identified any future improvements for the John Street Park, and if these plans are documented could you please point me to those documents.

Thanks!

Sanjeev Oberoi, P.Eng.

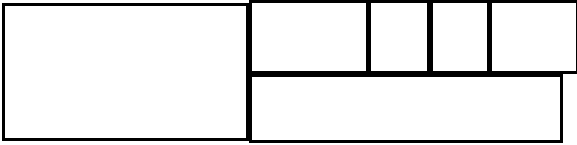
Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7921 | 1-866-442-5866



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Avid Banihashemi

From: Avid Banihashemi
Sent: Monday, August 21, 2017 11:52 AM
To: 'Mark Taylor'
Cc: Oberoi, Sanjeev
Subject: RE: John St. WWPS EA - Ex-TAC Meeting

Follow Up Flag: Follow up
Flag Status: Flagged

Thank you Mark. Noted. And yes, the meeting will be close to the site or at the Halton Region in Oakville.

Very Best,
Avid

From: Mark Taylor [<mailto:MarkTaylor@haltonhills.ca>]
Sent: Monday, August 21, 2017 11:15 AM
To: Avid Banihashemi
Cc: Oberoi, Sanjeev
Subject: RE: John St. WWPS EA - Ex-TAC Meeting

Hi Avid,
I am available for either date and prefer the 2-4pm timeslot. I'm assuming that the meeting would be on site or nearby in Georgetown?
Thank you

Mark Taylor, OALA, CSLA
Senior Landscape Architect
Town of Halton Hills
Recreation & Parks Department
1 Halton Hills Drive
Halton Hills (Georgetown), ON L7G 5G2
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Cell: 905-703-6366
Toll Free 1-877-712-2205 ext. 2267
Fax: 905-873-1587
email: marktaylor@haltonhills.ca
website: www.haltonhills.ca

From: Avid Banihashemi [<mailto:Avid.Banihashemi@rjburnside.com>]
Sent: August-21-17 9:27 AM
To: Mark Taylor
Cc: Oberoi, Sanjeev
Subject: John St. WWPS EA - Ex-TAC Meeting

Hello Mr. Taylor ,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment in Georgetown, ON (Notice of Study Commencement attached).

This email is to follow up in regards to your indication of interest to be part of John St. Class EA External Technical Advisory Committee and to inquire about your availability to attend John St. Class EA first Ex-TAC meeting on one of the two proposed dates: October 13th or October 17th, 2:00pm-4:00pm, or 3:00-5:00pm. Kindly please let us know of your date and time preference by Friday, 8th September.

This meeting will be the planned half-day Ex-TAC workshop which provide the Study Team and the Ex-TAC members with the opportunity to have a more in-depth discussion of the key study issues, concerns, or solutions, and the Ex-TAC members to provide advice to the Study Team.

The role of Ex-TAC is advisory, with no voting to be undertaken.

Please feel free to contact us should you have any comments or questions.

Sincerely,
The John St. WWPS EA Project Team

 **BURNSIDE**
Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
Office: 800-265-9662 Direct: 226-486-1562
www.rjburnside.com

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Thank you.

Avid Banihashemi

From: Avid Banihashemi
Sent: Monday, September 18, 2017 4:43 PM
To: 'Mark Taylor'
Cc: 'Oberoi, Sanjeev'
Subject: RE: John St. WWPS EA - Ex-TAC Meeting Invitation

Thank you Mark!

Best,
Avid

From: Mark Taylor [<mailto:MarkTaylor@haltonhills.ca>]
Sent: Monday, September 18, 2017 4:39 PM
To: Avid Banihashemi
Subject: RE: John St. WWPS EA - Ex-TAC Meeting Invitation

Hi Avid,
I plan on attending.
Thanks

Mark Taylor, OALA, CSLA
Senior Landscape Architect
Town of Halton Hills
Recreation & Parks Department
1 Halton Hills Drive
Halton Hills (Georgetown), ON L7G 5G2
Tel: 905-873-2601 ext. 2267
Toll Free 1-877-712-2205 ext. 2267
Fax. 905-873-1587
email: marktaylor@haltonhills.ca
website: www.haltonhills.ca

From: Avid Banihashemi [<mailto:Avid.Banihashemi@rjburnside.com>]
Sent: September-18-17 3:49 PM
To: Mark Taylor
Cc: Oberoi, Sanjeev
Subject: John St. WWPS EA - Ex-TAC Meeting Invitation

Good afternoon Mr. Taylor,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment in Georgetown, ON (Notice of Study Commencement attached).

This email is to follow up in regards to your indication of interest to be part of John St. Class EA External Technical Advisory Committee and to invite you to attend the John St. Class EA Ex-TAC meeting on October 13th, 2:00pm-4:00pm, at 8140 Fifth Line North, Georgetown- Hornby Room.

This meeting will be the planned half-day Ex-TAC workshop which provide the Study Team and the Ex-TAC members with the opportunity to have a more in-depth discussion of the key study issues, concerns, or solutions, and the Ex-TAC members to provide advice to the Study Team. The role of Ex-TAC is advisory, with no voting to be undertaken.

Kindly please confirm your attendance by 29th September and feel free to contact us should you have any comments or questions.

Sincerely,
The John St. WWPS EA Project Team

 **BURNSIDE**
Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
Office: 800-265-9662 Direct: 226-486-1562
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Thank you.



BURNSIDE

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Minutes of Meeting

Meeting Date: October 13, 2017 **Project No.:** 300039946.0000
Project Name : Municipal Class Environmental Assessment Study for John Street
Wastewater Pumping Station
Meeting Subject: Ex-TAC Meeting #1
Meeting Location: 8140 Fifth Line North, Georgetown-Hornby Room
Date Prepared: October 16, 2017

Those in attendance were:

Mark Taylor	Town of Halton Hills	MarkTaylor@haltonhills.ca
Sanjeev Oberoi	Regional Municipality of Halton (Region)	Sanjeev.Oberoi@halton.ca
Melissa Green-Battiston	Regional Municipality of Halton	melissa.green-battiston@halton.ca
Jerry Dean	Regional Municipality of Halton	Jerry.Dean@halton.ca
Jeff Langlois	R.J. Burnside & Associates Limited (Burnside)	Jeff.Langlois@rjburnside.com
Avid Bani Hashemi Jahromi	R.J. Burnside & Associates Limited	Avid.Banishemijahromi@ rjburnside.com
Nicholle Smith	R.J. Burnside & Associates Limited	Nicholle.Smith@rjburnside.com

Regrets:

Melissa Fialho	Regional Municipality of Halton	Melissa.Fialho@halton.ca
Enzo Florio	Regional Municipality of Halton	Enzo.Florio@halton.ca
Adam Gilmore	Regional Municipality of Halton	Adam.Gilmore@halton.ca
Mark Heaton	OMNRF Aurora District	mark.heaton@ontario.ca

The following items were discussed

Action by

1. Welcome

- 1.1 Copies of the meeting agenda and the Ex-TAC Presentation were circulated.

The following items were discussed	Action by
2. Introduction	
2.1 Jeff introduced himself and Burnside staff. Mark Taylor and the Region Team introduced themselves and their roles.	
3. Review of Background Information	
3.1 Jeff discussed the meeting agenda, reviewed the meeting objectives and noted that the Project Team is soliciting input from the external stakeholders on the recommended preliminary preferred alternative before this alternative is presented to the public.	
3.2 Jeff discussed the project needs and justification, the Problem and Opportunity Statement, the Class EA Process, the Study Area and the Study Area map with elements and features.	
4. Existing John Street WWPS	
4.1 Overall Jeff noted that following major elements will need to be addressed for the John St. Wastewater pump station (WWPS): Currently: <ul style="list-style-type: none">• lack of an emergency overflow;• relatively low emergency storage volume providing ten to fifteen minute of storage at Peak wet weather flow (PWWF);• single forcemain servicing WWPS.	
5. Constraints	
5.1 Jeff discussed the constraints associated with providing an emergency overflow, including: <ul style="list-style-type: none">• CVC regulated areas;• natural heritage/ecological issues;• overflow configuration and local environmental constraints;• required easements; and• local limitations (i.e., CRAA activities). Jeff also noted that the proposed emergency overflow will only be used (very rarely) in case of emergency conditions such as extreme wet weather conditions and then only if all the other barriers (including 1 hour emergency storage, standby power and standby pumps) fail.	

The following items were discussed	Action by
<p>5.2 Nicholle further discussed the various natural environmental surveys that have been completed as part of the John St. WWPS EA, including amphibian surveys, bat habitat surveys (including both leaf off/on, and acoustic), aquatic habitat assessment, breeding bird survey, tree inventory, and Ecological Land Classification (ELC). She further discussed a number of ecological features and functions in the proximity of the proposed overflow location at the bend of John St. including a Maple Mineral Deciduous Swamp and groundwater discharge areas (seeps). She further elaborated on the private ponds and general habitat that was found during the surveys.</p>	
<p>5.3 Nicholle presented the pictures illustrating the dynamics of water in the ponds and the river. Nicholle further explained that there might be some discharge from the hatchery ponds to the private pond(s). Nicholle clarified that they are inter-connected with likely downstream flow.</p>	
<p>5.4 Mark asked if the owner of the Credit River Valley in the Study Area is aware of the Region's plans and the upcoming WWPS upgrades. Sanjeev clarified that a conversation is underway through the Region's Realty Representative. However, the owner has been notified about the project through a Notice of Commencement for the EA study. Also, a Permit to Enter (PTE) has been attained prior to performing the visits and environmental surveys.</p>	
<p>6. Preliminary Alternative Solutions</p>	
<p>6.1 Jeff presented preliminary alternative solutions including:</p> <ul style="list-style-type: none">• Alternative 1 - Do Nothing;• Alternative 2 - Upgrade existing station;• Alternative 3 - Build new station at the existing location (within the John St. Park area);• Alternative 4 - New station at a new location;• Alternative 5 - Redirecting flow from Lynden Circle; and• Alternative 6 - I & I (Infiltration and Inflow). <p>It was noted that Alternatives 5 and 6 are not considered stand-alone alternatives and may be considered in combination with Alternatives 2, 3, or 4.</p>	

The following items were discussed	Action by
<p data-bbox="181 321 591 352">6.2 Jeff further discussed:</p> <p data-bbox="305 380 1156 751">Alternative 2, brings the existing station up to standards, and includes an emergency overflow and storage. It was noted that the amount of new construction associated with bringing the existing station up to standards makes this alternative very similar to Alternative 3. Under Alternative 2 the existing wet well and drywell spaces would be converted to form a small portion of the required emergency storage. The balance of the existing station would be decommissioned. Four potential emergency overflow options were discussed as sub-alternatives. Overflow locations have been identified as:</p> <ul data-bbox="305 779 1156 1503" style="list-style-type: none"><li data-bbox="305 779 1122 810">(A) Overflow discharge to the river, upstream of the hatchery.<li data-bbox="305 821 1068 852">(B) Overflow discharge to the storm pond (screened out).<li data-bbox="305 863 1094 926">(C) Overflow discharge connecting to the Lynden Cr. storm (screened out).<li data-bbox="305 936 1156 1503">(D) Overflow discharge to the river upstream Barber Mill Dam. Jeff explained that the overflow D is screened out due the fact that the overflow would need to be very long and very deep and would substantially add to the capital cost). Mark agreed and noted that in addition to the high cost, this proposed overflow would require to be constructed along two major roads in the area (Mountainview and River Dr.) and the construction process (although trenchless) could negatively impact the residents. Mark asked if any cross-sections for the overflow would be presented to public to clarify on the elevations. Sanjeev replied that any cross-sections for the overflow will be developed during detailed design stage; however, a general topography/elevation map along with some clarifying information might be included in the PIC boards. <p data-bbox="305 1530 1156 1635">Three of the overflow alternatives (B, C, and D) have been screened out, and only Alternative A has been carried forward for this alternative, as well as for Alternative 3.</p> <p data-bbox="305 1677 1110 1782">Alternative 3 is very similar to Alternative 2, with respect to the magnitude of construction required, however this alternative includes a completely new WWPS structures.</p> <p data-bbox="305 1824 1156 1967">Alternative 4 includes a new station at a new location. The potential new locations were selected because they are on Town owned lands and could be easily acquired. The evaluation of this option is based on relocating to the WWPS to Barber Mill Park.</p>	

The following items were discussed	Action by
<p>For this alternative the overflow discharge location is location D (just upstream the bridge on River Dr.). This outfall location is significantly closer to the proposed new location for the relocated WWPS. Mark noted that Barber Mill Park also has a relatively new playground which the Town would like to keep, and asked about the proposed footprint/location for the new pumping station at this location. Jeff replied that for this alternative the PS is proposed to be built at the back of the lot (with a steep slope) with retaining walls.</p>	
<p>Alternative 5 - includes redirecting flow from Lynden Circle directly to the gravity sewer at John St. and Victoria Ave. This would reduce the flows directed to the John St. WWPS. On its own this alternative does not solve the problem and would have to be undertaken in combination with Alternative 2, 3 or 4.</p>	
<p>Alternative 6, I & I (Infiltration and Inflow). This alternative could reduce peak flow to station. On its own this alternative does not solve the problem and would have to be undertaken in combination with Alternative 2, 3 or 4.</p>	
7. Alternative Evaluation	
<p>7.1 Jeff further presented the Evaluation Criteria including:</p> <ul style="list-style-type: none">• Natural Environment;• Socio-Cultural Environment;• Technical/Operational Environment;• Legal/Jurisdictional Environment; and• Economic Environment.	
<p>7.2 Nicholle further discussed the completed Natural environment studies and more specifically discussed the bat survey including both leaf off/leaf on and the acoustic survey. She elaborated that acoustic bat survey station has been identified with the consultation with MNRFB and that the results showed that Credit River Valley corridor in the Study Area performs as a potential habitat for a number of Species at Risk (SAR) bats and therefore permits though MNRFB may be required for the emergency overflow.</p>	
<p>7.3 Jeff further explained the evaluation methodology through an evaluation matrix. He elaborated on evaluation matrix for each alternative and discussed how they have been rated through the evaluation process. He further discussed that Alternative 3 has</p>	

The following items were discussed	Action by
<p>been ranked as the most preferred alternative and has been recommended by the project team as the preliminary preferred Alternative Solution.</p>	
<p>8. Proposed Overflow Configuration</p>	
<p>8.1 Jeff presented the proposed overflow configuration (location A) for the proposed preferred alternative (Alternative 3, with emergency discharge at discharge location A) and discussed that the configuration has been proposed with specific consideration to the bat habitat trees, natural constraints (seepage swamp) and the hatchery. He explained that the hatchery is believed to be supplied by the cold water from groundwater seepage and an important consideration will be to avoid impacting the groundwater regime during construction of the emergency overflow. He also noted that the overflow is proposed to be constructed using trenchless technology for minimal impact. Mark commented that the proposed configuration/location of the overflow seem reasonable considering that there is already an access road (Wolf Lane). Mark asked if geotechnical studies will be performed to confirm no impact on the seepage water that feeds the hatchery. Jeff replied that a geotechnical study it is planned be done for the proposed preferred alternative and may be further studied during detailed design.</p>	
<p>8.2 Jeff presented existing pumping station configuration in the John St. park noting the playground on the west side of the lot. Jeff also presented the conceptual footprint of the new pumping station with the station locate on the west side of the park. This placement would require the relocation and replacement of the playground (within the park) Jeff also presented a layout with the replacement station located on the east side of the park.</p>	
<p>8.3 Mark expressed concerns about the size of the station and the proposed location. Mark noted that reducing the size of the foot print would be desirable and that moving the station further back on the park parcel and or to the east is likely desirable. Jeff explained the reasons that the replacement station is so much larger than the existing station. Much of this stems from changes in codes and standards and the proposed layout is consistent with the Region's requirements for a station of this capacity.</p>	

The following items were discussed	Action by
<p>8.4 Jeff further presented a number of back-up slides showing the various previously discussed options (options 1, 2, and 3) for the footprint and why the proposed one has been picked.</p> <p>Marked asked if similar Region's pumping stations are of similar size. Jerry responded that Arbour Glen has similar footprint, and Halton Hill #3 pumping station is smaller since it has a smaller design capacity (temporary PS).</p>	
<p>8.5 Jerry further explained that the paved area around the building is required for servicing purposes which would include a yearly cleanout with a truck crane to remove pumps.</p>	
<p>8.6 Mark further noted the mature trees located on the front of the lot and that they will need to be removed if the proposed footprint is not altered. He also noted that it is assumed that the PS building will be design to be visually compatible with the residential area with the exception of fencing.</p>	
<p>8.7 Jeff further clarified that the proposed layout is based on the recommended lay out in the Region's guideline. A hardcopy of a more detailed conceptual plan of the proposed building (prepared by the project team) was presented to Mark. Sanjeev noted that the office/washroom space has been removed from the design to further shrink the footprint. The potential of modifying the two-driveway-access design was also discussed.</p>	
<p>8.8 Mark suggested that the Project Team provides the Town of Halton with a number of alternative layouts for the PS footprint within the John St. Park that would better balance technical and recreational use needs. Mark noted these would be further reviewed and discussed with senior managers at the Town. Mark also suggested that a design with the pumping station in the back of the lot would seem to be less impactful to the Park users. He also noted that the two-access-driveway design would use up a lot of the Park's space and therefore is suggested to be avoided/modified in the future proposed designs. It was also discussed that the potential of modifying the paved area (access pathway) be explored and the potential of it being partially used by public through more natural features/finishes be considered. Jerry noted that the paved access area being available to public may result in public using the area as the Park's parking which makes it not available to Region's O&M staff.</p>	

The following items were discussed	Action by
<p>8.9 Jeff noted that the Study is a Schedule B EA and therefore would not include studying the alternative designs in detail; however, the Project Team can provide reasonable level of details for proposed footprint in the Park to better inform the public on the future possibilities and stay in line with Town’s acceptable criteria and guidelines. Melissa also suggested that a commitment can be made as part of the Study Project File Report for the detailed design stage, for the design to be creative and compatible with recreational use of the Park (playground and greenspace area).</p>	
<p>8.10 The team agreed with the above approach (items 8.8 and 8.9). The designs were agreed to be emailed to Mark and reviewed/ confirmed by the Town two to three weeks before the PIC (November 30, 2017) to provide the Study Team with ample time for review/preparation process.</p>	<p>Region/Burnside/ Town of Halton</p>
<p>8.11 It was agreed that a second meeting be scheduled once the designs are reviewed by the Town.</p>	<p>Region/Burnside</p>
<p>8.12 Mark asked if an electronic copy of the presentation can be emailed to him. Sanjeev to send an electronic copy of the presentation along with the proposed designs early following week. Post meeting Notes – Sanjeev has mailed an electronic copy of the Ex-Tac presentation to Mark.</p>	<p>Region/Burnside</p>
<p>9. Next Steps</p>	
<p>9.1 Jeff reviewed the next steps in the EA study and the upcoming project meetings.</p>	
<p>10. Adjournment</p>	
<p>The meeting was adjourned thanking everyone for their time and input.</p>	
<p>Key Action Items:</p>	
<ul style="list-style-type: none"> • Project Team to provide reasonable level of details for proposed footprint in the Park to better inform the public on the future possibilities and stay in line with Town’s acceptable criteria and guidelines. • Project Team to include a commitment as part of the Study Project File Report for the detailed design stage, for the design to be creative and compatible with recreational use of the Park (playground and greenspace area). 	

The following items were discussed	Action by
<ul style="list-style-type: none">• The details of the proposed footprint designs to be emailed to the Town by the Project Team and reviewed/confirmed by the Town two to three weeks before the PIC (November 30, 2017).• A second meeting to be scheduled by the Project Team once the designs are reviewed by the Town.• An electronic copy of the presentation to be emailed to Mark early following week (Completed).	

The preceding are the minutes of the meeting as observed by the undersigned. Should there be a need for revision, please advise Burnside within seven days of issuance. In the absence of notification to the contrary, these minutes will be deemed to be an accurate record of the meeting.

Minutes prepared by:

R.J. Burnside & Associates Limited



Jeff Langlois, P.Eng., MBA
Project Manager
AB/JL:jh

Enclosure: Ex-TAC Presentation

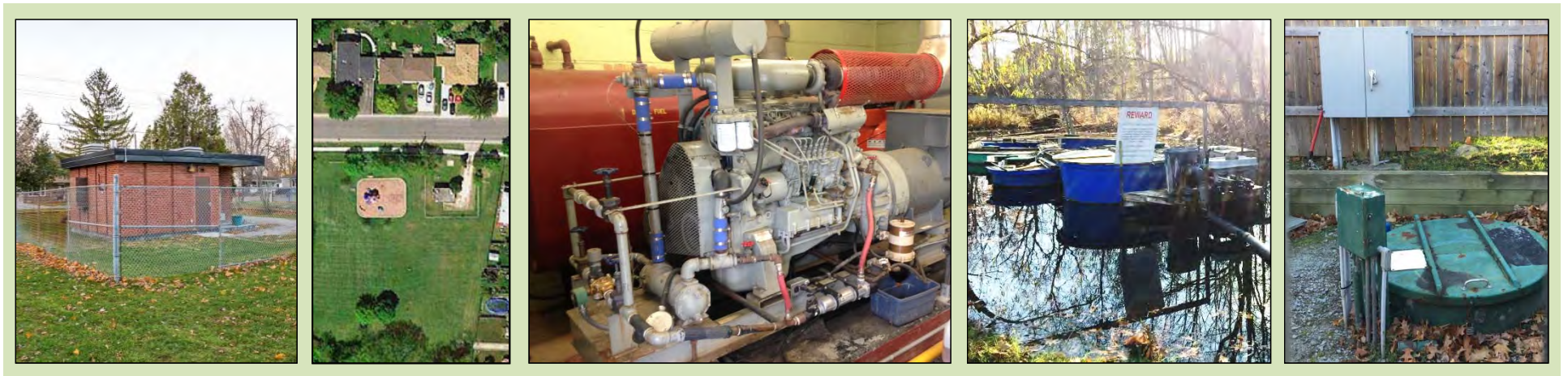
Distribution:

All Attendees & Absentees

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Municipal Class Environmental Assessment Study JOHN STREET WASTEWATER PUMPING STATION

Ex-TAC Meeting
13 October, 2017



AGENDA

- Introductions
- Meeting Objective
- Needs and Justification
- Overview of Study Area
- Project Constraints
- Description/ Evaluation of Alternatives
- Preliminary Preferred Alternative
- Discussion

MEETING OBJECTIVES

To solicit input from Ex-TAC members regarding the project team's recommended preliminary preferred alternative prior to the Public Information Centre (PIC).

NEEDS AND JUSTIFICATION

The Region's John Street Wastewater Pumping Station (WWPS) in Georgetown is nearing the end of its useful life and requires significant capital upgrades in order to maintain the station in a state of good repair.

Currently,

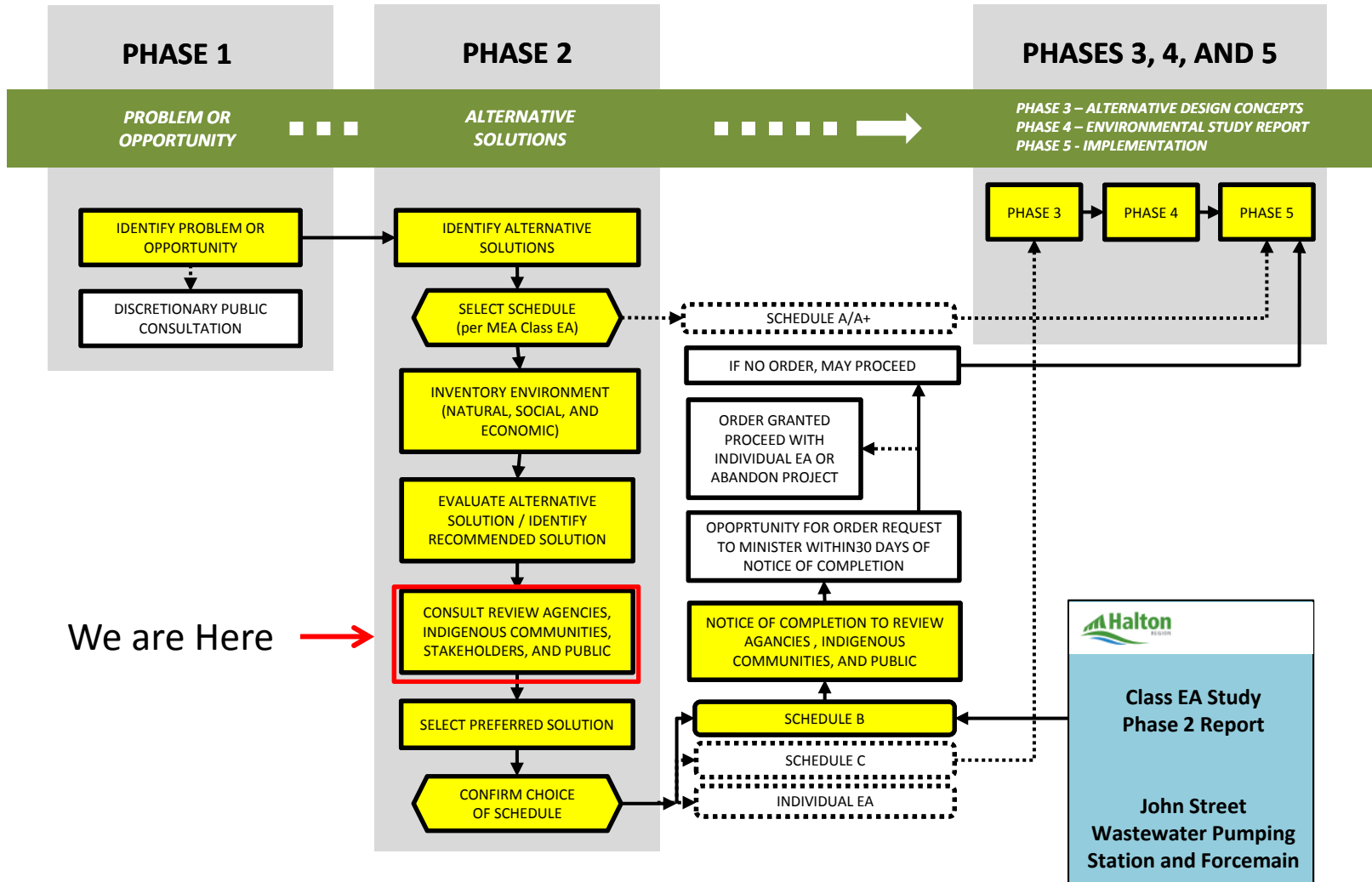
- No provision of an emergency overflow
- Relatively low retention time (10 – 15 min @ PWWF) in the wet well
- Single forcemain servicing WWPS

PROBLEM AND OPPORTUNITY STATEMENT

The purpose of this study is to undertake a Schedule B Municipal Class Environmental Assessment to consider a wide range of wastewater pumping station upgrades and emergency overflow alternatives in order to determine the most appropriate design concept that meets Halton Region's latest wastewater pumping station design standards and adequately manages any potential surcharging in the nearby sanitary collection system.



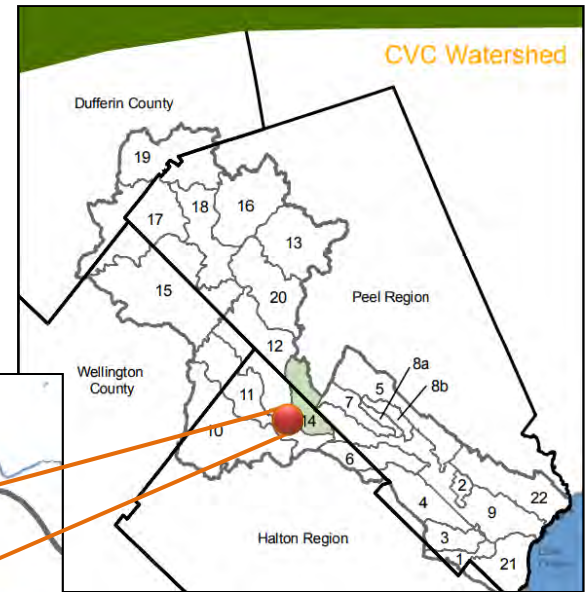
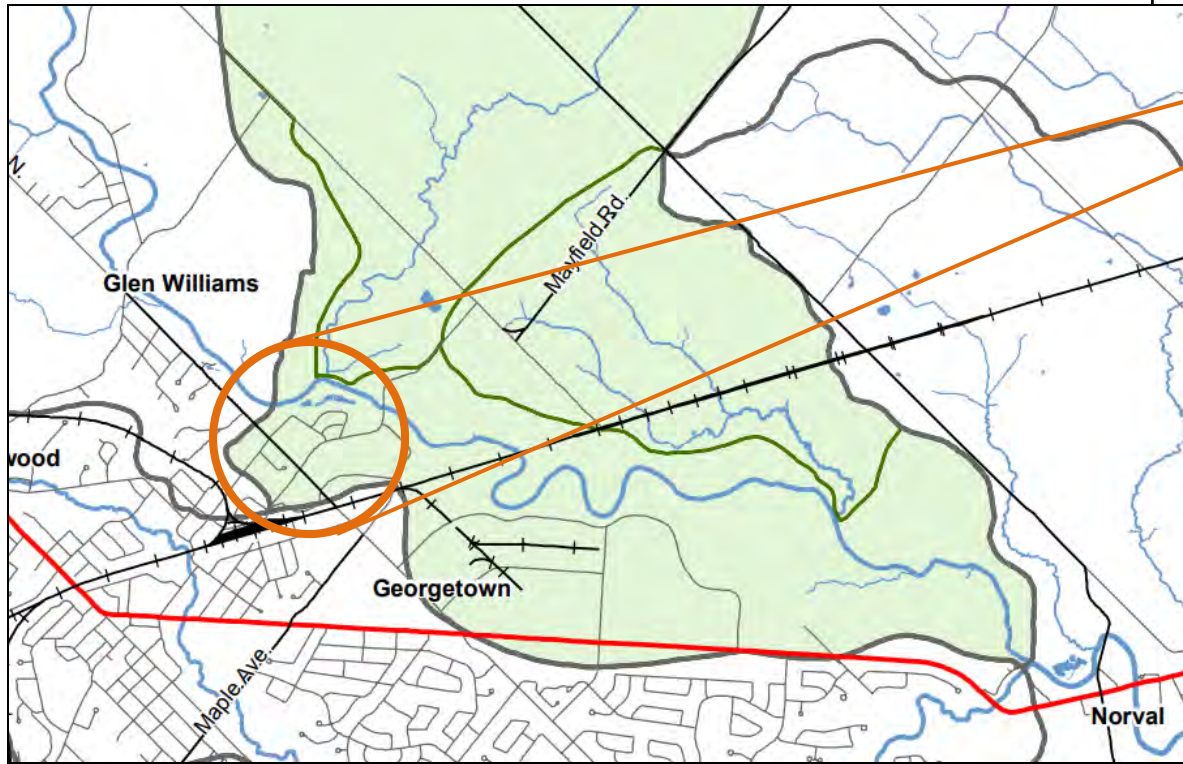
CLASS EA ENVIRONMENTAL ASSESSMENT PROCESS



JOHN ST. WWPS EA

CVC Sub-watershed 14

Credit River (Glen Williams to Norval)



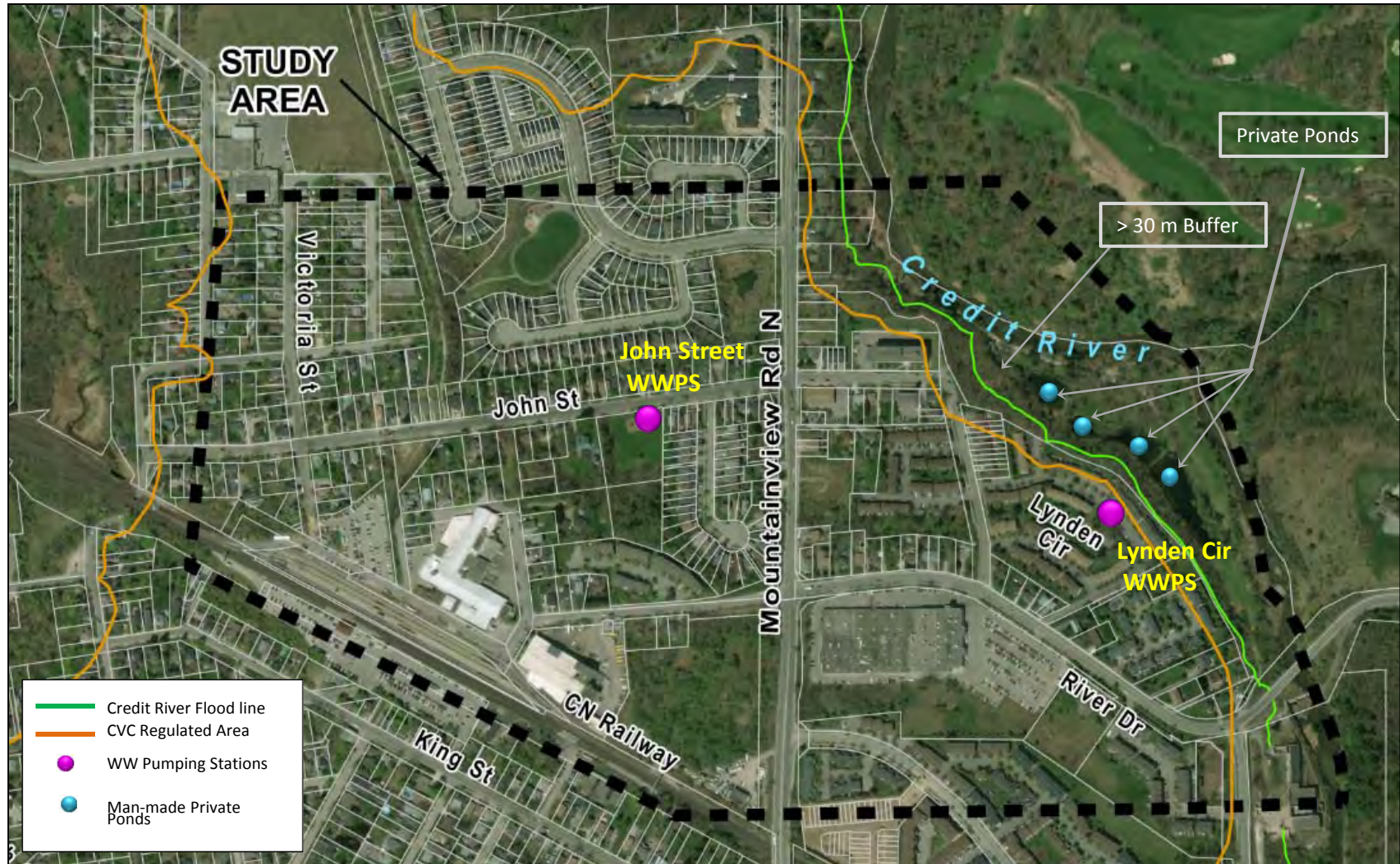
STUDY AREA Features

- 1 John St. WWPS
- 2 John St. Public Park
- 3 Victoria St. gravity sewer
- 4 The Credit River Anglers Association (CRAA) Fish Hatchery
- 5 Potential Overflow Discharge Locations
- 7 Lynden Cr. WWPS
- 8 Local Private ponds (4)



JOHN ST. WWPS EA

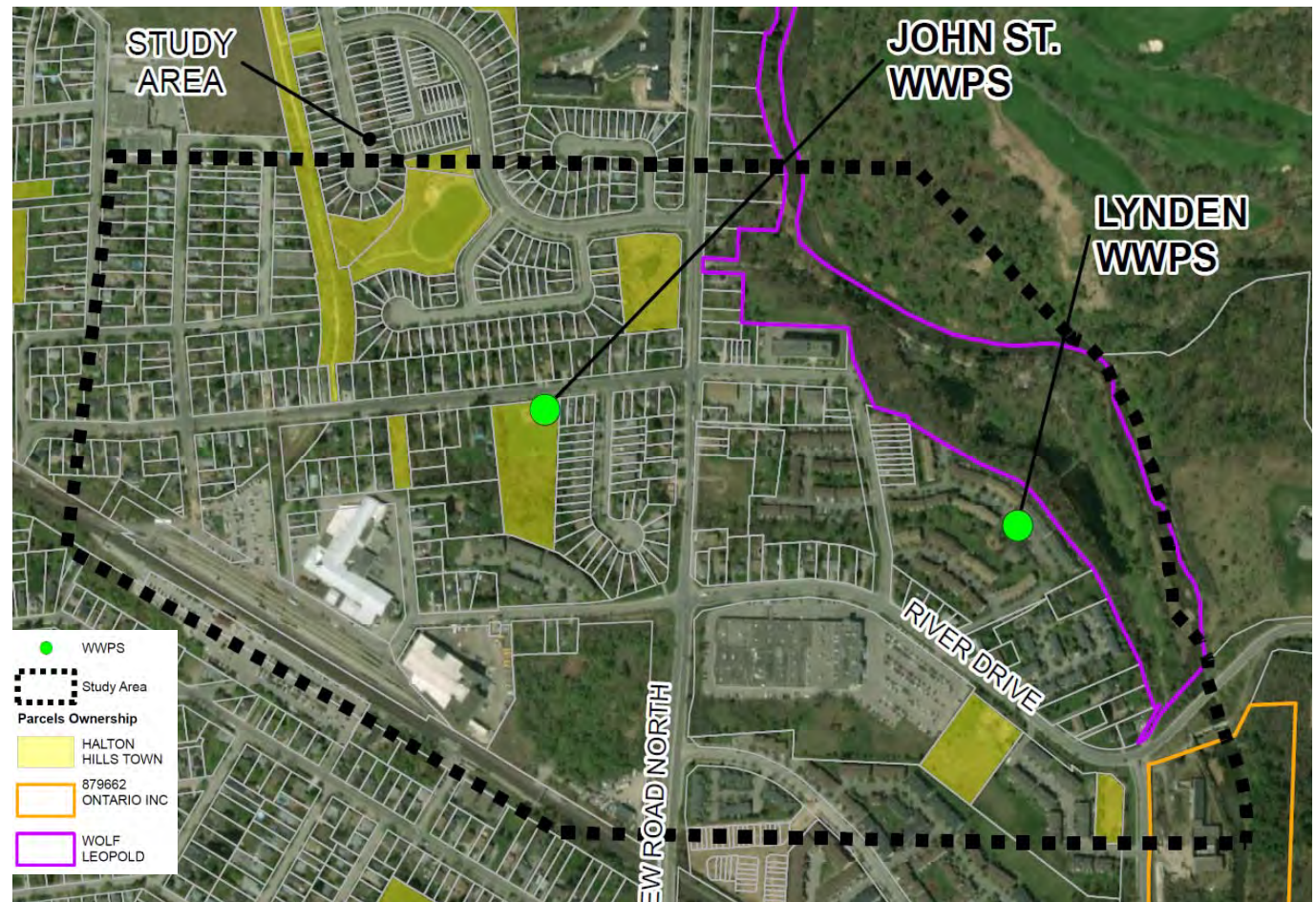
Flood Line and Private Ponds



CONSTRAINTS

Overflow limitations

- CVC regulated areas
- Overflow configuration and local environmental constraints
- Required easement
- Local limitations (i.e. CRAA activities)
- Flowrates/discharge quality/frequency



OVERFLOW: Local Environmental Constraints



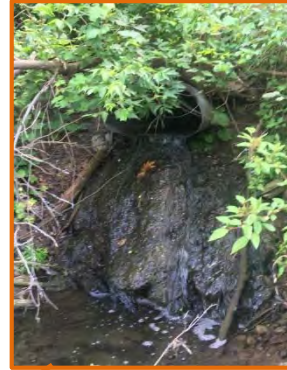
Groundwater Seepage



CRAA Hatchery Setup



Lynden Cr. Storm outlet



Private Ponds Connect



Private Pond Connect to the River

Private Ponds Connect



Lynden Cr. Storm inlet



STATUS OF TECHNICAL STUDIES / MEETINGS

- Natural Environment Review – Completed
- Stage 1 Archaeological Heritage Assessment – Completed
- Geotechnical Investigation - To be completed once Preferred Alternative is selected
- Subsurface Utility Engineering Investigation -To be completed once Preferred Alternative is selected
- Meeting with CVC held on Sep. 27, 2017 to obtain preliminary input on Alternatives and the location of proposed emergency overflow.

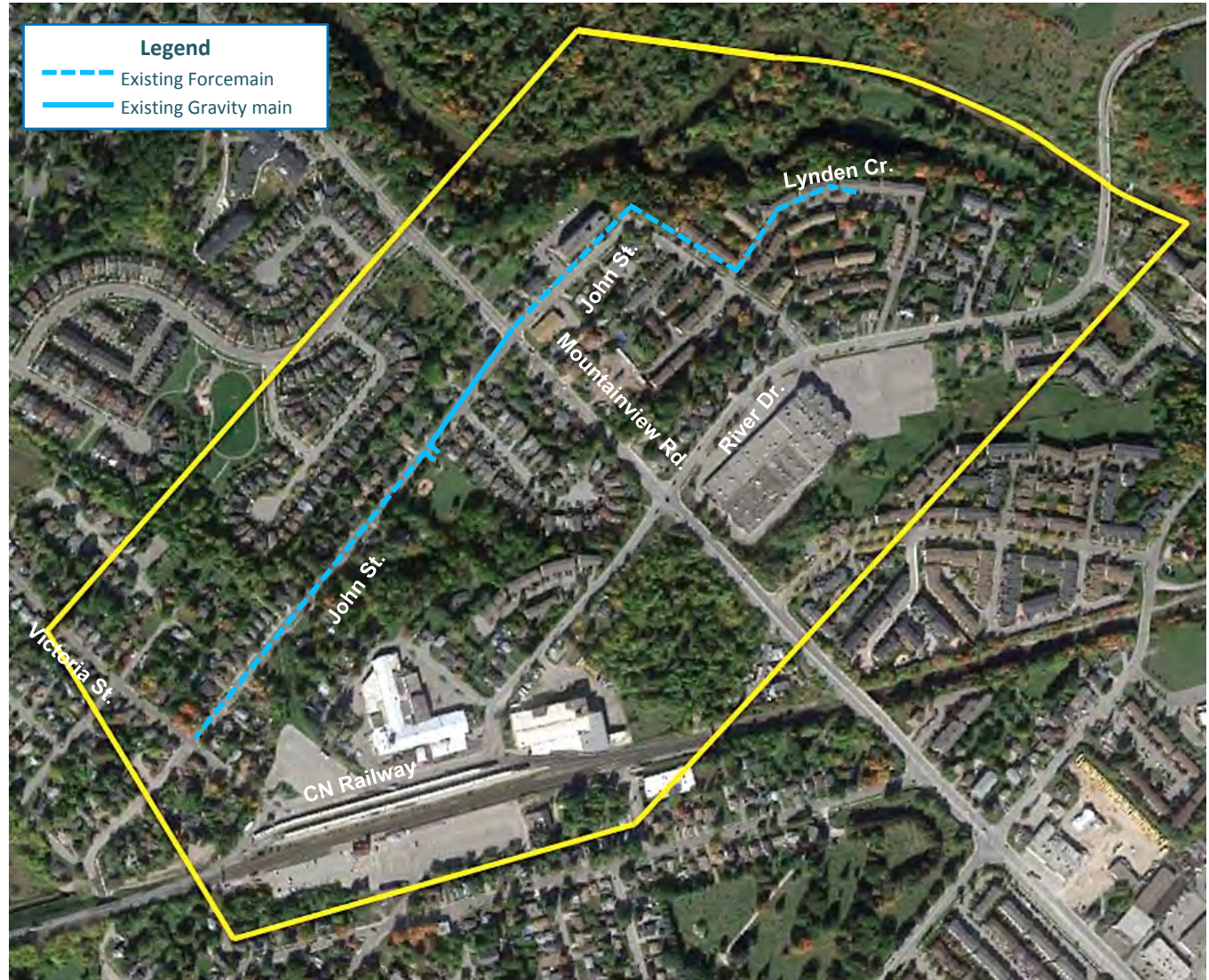
PRELIMINARY ALTERNATIVES

- **Alternative 1** – Do Nothing.
- **Alternative 2** – Upgrade the WWPS at the existing location including the provision of emergency storage and an emergency outflow.
- **Alternative 3** – Construct a Replacement Station at the existing location including the provision of emergency storage and an emergency outflow.
- **Alternative 4** – Construct a Replacement Station at a new location including the provision of emergency storage and an emergency outflow.
- **Alternative 5** – Redirect flow from the Lynden Circle SPS to the Victoria Street gravity sewer, by-passing the John Street SPS.
- **Alternative 6** – Reduce inflow and infiltration in the collection system.

Alternatives 5 and 6 could be considered in combination with Alternatives 2, 3, or 4.

ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

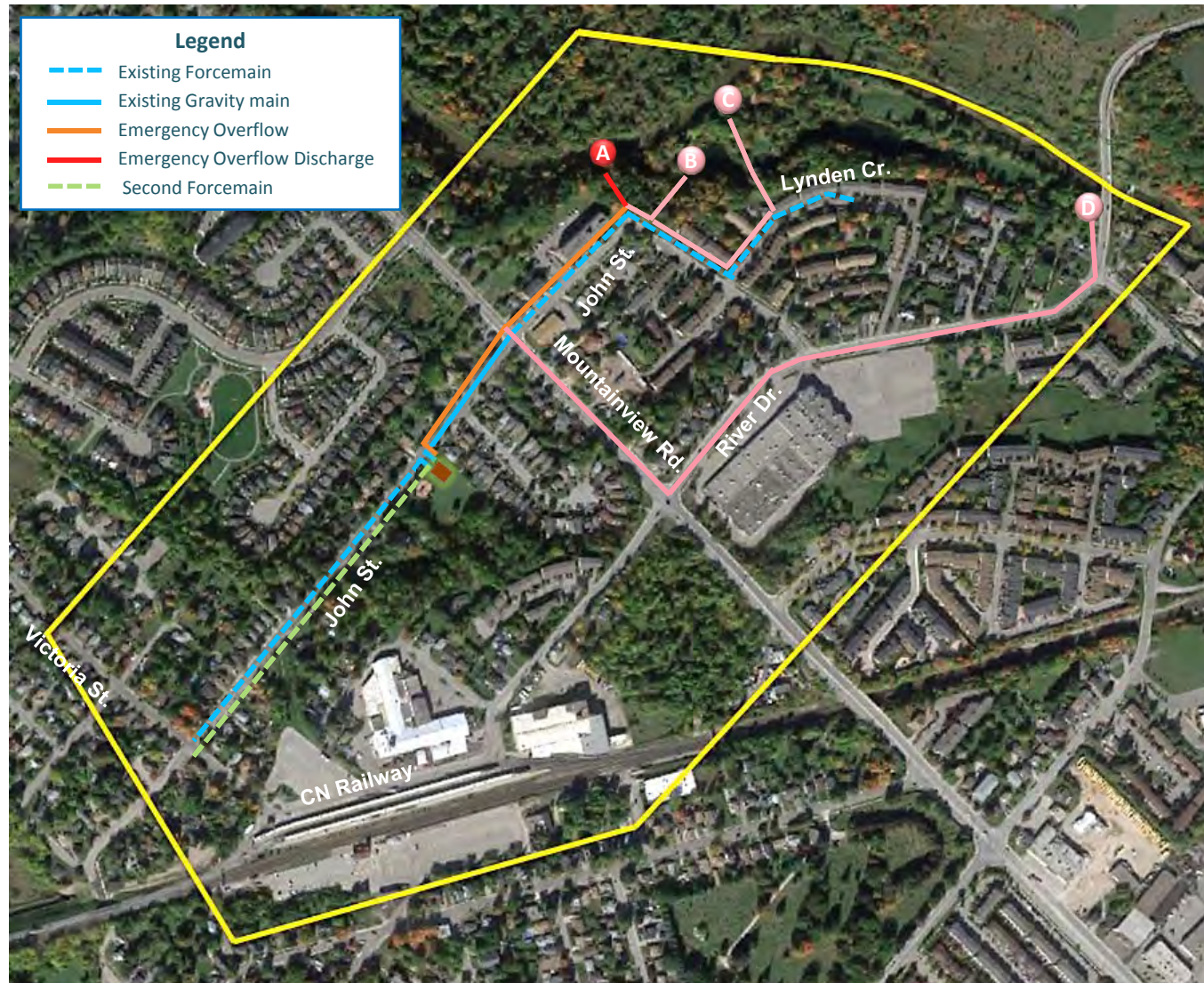


Do Nothing.

ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

- A Overflow discharge to the river, upstream the hatchery
- B Overflow discharge to private pond (*screened out*)
- C Overflow discharge connecting to the Lynden Cr. storm (*screened out*)
- D Overflow discharge to the river upstream Barber Mill Dam (*screened out*)



Added based on feedback from CVC

Upgrade at the existing location with emergency storage/outflow.



ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

Notes:

- Many of the components of the old PS need to be upgraded.
- The upgraded PS is required to meet current codes, Regional standards and MOECC guidelines.
- Major upgrades result in a cost that is very similar to the cost of a new pumping station.



Upgrade at the existing location with emergency storage/outflow.

ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

- A Overflow discharge to the river, upstream the hatchery
- B Overflow discharge to private pond (screened out)
- C Overflow discharge connecting to the Lynden Cr. storm (screened out)
- D Overflow discharge to the river upstream Barber Mill Dam (screened out)



Added based on feedback from CVC

Replacement Station at the existing location with emergency storage/outflow.



ALTERNATIVES

- 1 Alternative 1
- 2 Alternative 2
- 3 Alternative 3
- 4 Alternative 4

D Overflow discharge upstream the Barber Mill dam, in the right of way.



Replacement Station at a new location with emergency storage/outflow.

EVALUATION CRITERIA

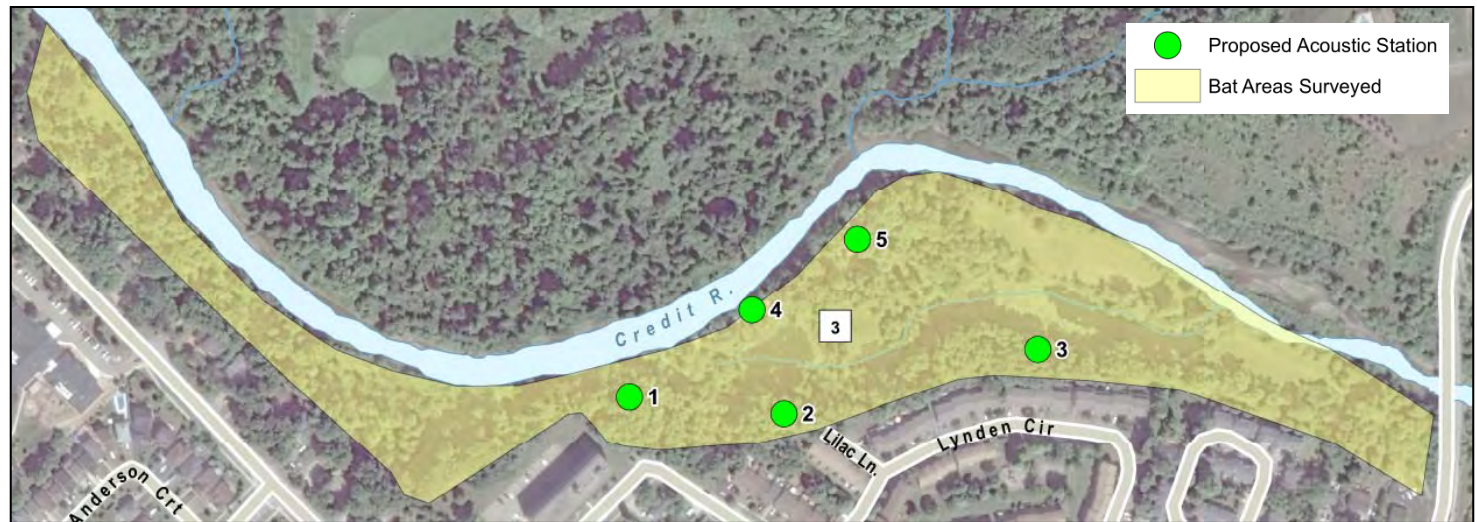
- Natural Environment
- Socio-Cultural Environment
- Technical/Operational Environment
- Legal/Jurisdictional Environment
- Economic Environment

NATURAL ENVIRONMENT

- Impacts to existing trees and vegetation communities
- Impacts to wildlife (Avian and Amphibians)
- Impacts to Bats
- Impacts to fish/aquatic habitat
- Impacts to surface water quality and drainage
- Impact/disturbance to soil/subsurface
- Impacts to groundwater quality

NATURAL ENVIRONMENT

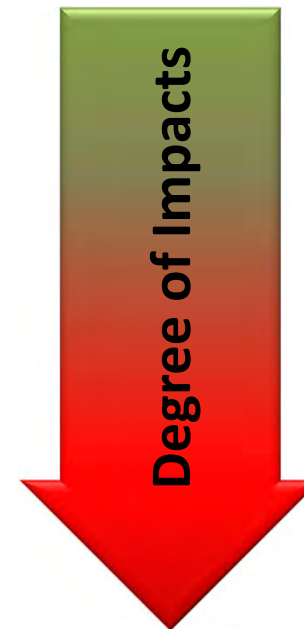
Acoustic Bat Survey Results



- Evidence of Myotis SAR (Species at Risk) bat was noted within the woodlot. Provides roosting habitat for Little Brown Myotis and Eastern Small-footed Myotis.
- Woodlot also confirmed to provide maternity colony habitat for Big Brown Bat and Silver-haired Bat. This function would qualify the woodlot as SWH (Significant Wildlife Habitat). *MNRF criteria would identify the entire woodlot as potential SWH.*

EVALUATION MATRIX RATING

ORDER OF PREFERENCE	
Most Preferred	<input type="radio"/>
More Preferred	<input type="radio"/>
Somewhat Preferred	<input type="radio"/>
Less Preferred	<input type="radio"/>
Least Preferred	<input type="radio"/>



EVALUATION MATRIX

Evaluation Criteria	Alternative 1: Do Nothing	Alternative 2: Upgrade at the Existing Location with Emergency Storage and Overflow	Alternative 3: Replacement Station at the Existing Location with Emergency Storage and Overflow	Alternative 4: Replacement Station at a New Location with Emergency Storage and Overflow
Natural Environment	○ No impacts on trees/vegetation, or natural environmental habitats over existing conditions. Existing infrastructure could deteriorate over time, potentially impacting soil /groundwater quality through wastewater leaching.	◐ Requires tree/vegetation removals (pumping station site and emergency overflow location). Potential moderate to high impact on environmental habitats along the roads and at the overflow location.	◐ Requires tree/vegetation removals (pumping station site and emergency overflow location). Potential moderate to high impact on environmental habitats along the roads and at the overflow location.	◐ Highest impact to existing trees and vegetation communities. Will require the removal of a number of individual trees within an established public park (Barber Mill). Requires tree/vegetation removals at emergency overflow location. Potential moderate to high impact on environmental habitats along the roads and at the overflow location.
Socio-Cultural Environment	◐ Will not be able to address the local resident's, in the proximity of the pumping station, need for lowering the risk of sewer surcharging under extreme wet weather conditions. The system may become unsafe to operate and maintain and will eventually require replacement	◐ Moderate short term impacts including disruptions to existing land uses, traffic, access and noise. Park use may be impacted.	◐ Moderate short term impacts including disruptions to existing land uses, traffic, access and noise. Park use may be impacted.	◐ Highest short term impacts including disruptions to existing land use, traffic, access and noise due to extent of the construction work. Very wide/high level of disturbance to local residence during construction (also caused by deep and long linear work)
Legal and Jurisdictional Environment	○ No impacts over existing conditions. No approvals permits or regulatory constraints.	◐ Easement required over private property for emergency overflow. Potential permits may be needed.	◐ Easement required over private property for emergency overflow. Potential permits may be needed.	◐ Easement may be required over private property for emergency overflow. Potential permits may be needed.
Technical/Operational Environment	◐ The facility would provide minimal reliability with high risk of system failure and sewage surcharge in major storm events. Does not meet the Halton Region's latest wastewater pumping station design standards. The operation and maintenance may become more complex as the pumping station ages.	◐ The upgrades and meeting the Region's design standards will minimize the complexity of the O&M. The facility must remain fully operational while upgrades are made posing constructability challenges. Potential impact on the underground utilities.	◐ The new pumping station will meet the Region's design standards and minimize the complexity of the O&M. Potential impact on the underground utilities.	◐ Deep and long new sewers would substantially add to the potential complexity of the construction, and impact on utilities. Additional/longer linear work would translate to more maintenance.
Economic Environment	○ No capital costs. No short-term impacts on nearby businesses. On going cost associated with operational and maintenance.	◐ Moderate capital cost. Low life cycle cost. Moderate short-term impacts on nearby businesses during construction.	◐ Moderate capital cost. Low Life Cycle Cost. Moderate short-term impacts on nearby businesses during construction.	◐ High capital cost. High Life Cycle Cost. Highest short-term impacts on nearby businesses during construction.
Addresses Project Problem and Opportunity Statement	✘	✓	✓	✓
Overall Summary	Not Carried Forward	Not Carried Forward	Carried Forward	Not Carried Forward

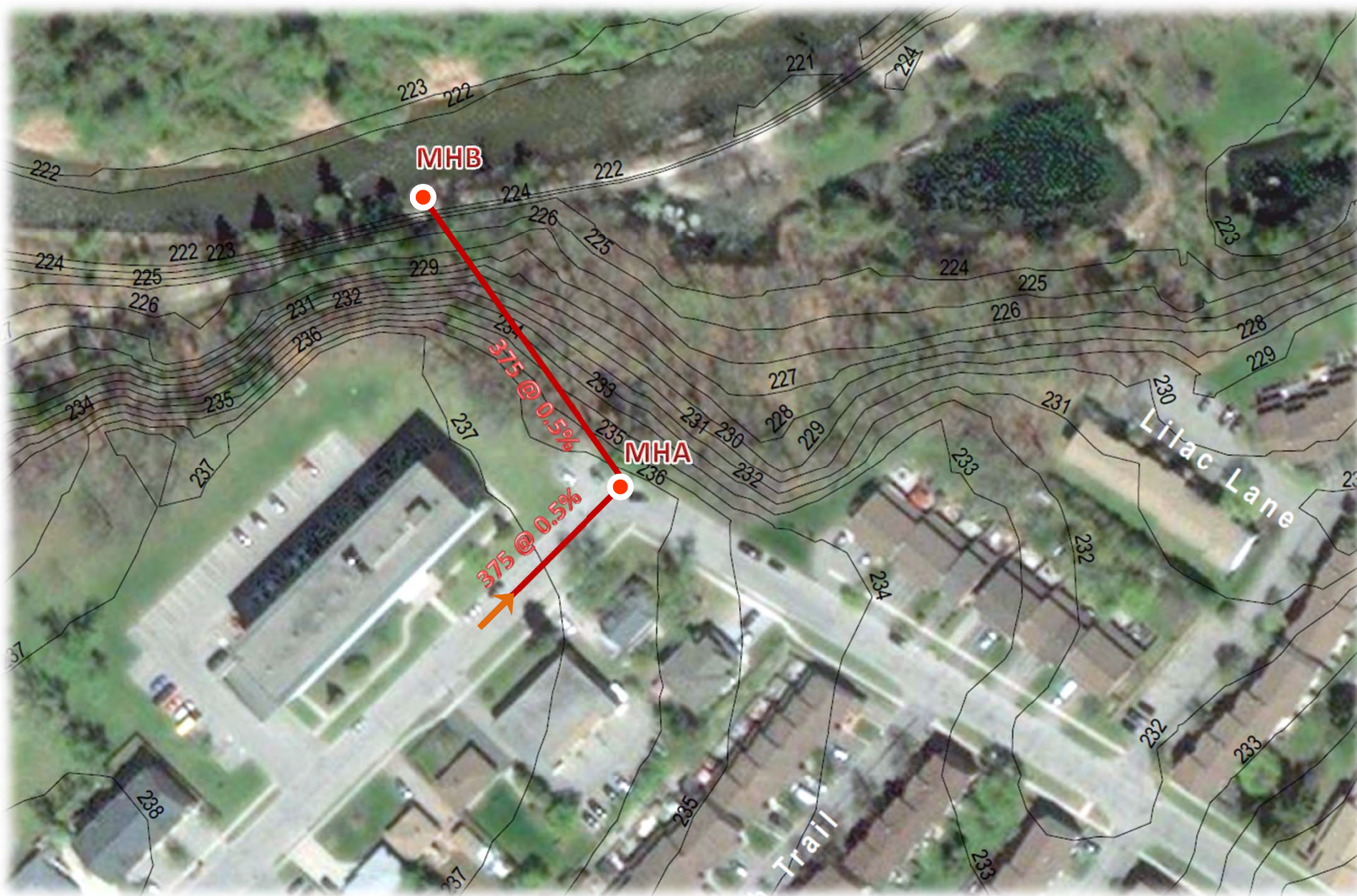


PRELIMINARY PREFERRED SOLUTION

Alternative 3:

Replacement Station at the Existing Location with Emergency Overflow to Credit River





PROPOSED OVERFLOW CONFIGURATION



PROPOSED OVERFLOW

PROPOSED OVERFLOW CONFIGURATION (easement requirements)



JOHN ST. PUMPING STATION/PARK



JOHN ST. PARK

Front Street View



Back View

JOHN ST. PUMPING STATION/PARK

New WWPS
Proposed
Footprint



PROJECT SCHEDULE AND NEXT STEPS

- Notice of Commencement – March 2017
- Stakeholder communication – ongoing
 - First Nations, Agencies, Local Municipality, Commercial, Residents
- In-TAC #1 – April 2017
- In-TAC #2 – September 2017
- Ex-TAC #1 – October 2017
- Individual Meetings with Non-agency Stakeholders (CRAA, Wolf Property Owner)
- Public Information Centre – November 30, 2017
- Agency Reviews – January 2018
- Notice of Completion, Project File for 30 days Public review – March, 2018



FOR FURTHER INFORMATION – CONTACT US

Mr. Sanjeev Oberoi, P.Eng.

Project Manager

Halton Region

1151 Bronte Road

Oakville, Ontario L6M 3L1

Phone: 905-825-6000 ext. 7921

Fax: 905-847-2192

Email: Sanjeev.Oberoi@halton.ca

Mr. Jeff Langlois, P. Eng., MBA

Project Manager

R. J. Burnside and Associates

292 Speedvale Avenue, Unit 20

Guelph, Ontario, N1H 1C4

Phone: 519-823-4995

Fax: 519-836-5477

Email: Jeff.Langlois@rjburnside.com



Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Friday, October 20, 2017 12:06 PM
To: Avid Banihashemi
Subject: FW: Copy of EX-TAC presentation
Attachments: Ex-TAC Presentation-John Street WWPS Class EA.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Fyi, for your project file. Thanks,

From: Oberoi, Sanjeev
Sent: Monday, October 16, 2017 9:23 AM
To: Mark Taylor (MarkTaylor@haltonhills.ca)
Subject: Copy of EX-TAC presentation

Good Morning Mark,

It was nice to meet with you last Friday regarding the John Street Wastewater pump station(WWPS) Class EA project. As requested in the meeting, please find attached the copy of EX-TAC presentation for your record.

Based on your input, the project team will revise the footprint and layout for the proposed new WWPS. I will send the revised conceptual layout to you by the end of this week for your review and comment.

Thanks,

Sanjeev Oberoi, P.Eng.

Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7921 | 1-866-442-5866



halton.ca ☎ 311

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Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Monday, October 23, 2017 10:02 AM
To: 'Mark Taylor'
Cc: Avid Banihashemi; Jeff Langlois
Subject: RE: Ex-TAC Meeting No.1 Minutes and John St. WWPS Proposed Footprint Options in John St. Park
Attachments: 171013_ExtAC Meeting No 1 Minutes.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Thanks Mark.

I noticed that the minutes I sent you required some edits. Please find attached the final minutes for this meeting.

Sorry about this.

Sanjeev

From: Mark Taylor [<mailto:MarkTaylor@haltonhills.ca>]
Sent: Monday, October 23, 2017 9:13 AM
To: Oberoi, Sanjeev
Cc: Avid Banihashemi (Avid.Banihashemi@rjburnside.com); 'Jeff.Langlois@rjburnside.com' (Jeff.Langlois@rjburnside.com)
Subject: RE: Ex-TAC Meeting No.1 Minutes and John St. WWPS Proposed Footprint Options in John St. Park

Hi Sanjeev,

Thank you for the minutes and alternate footprint options. I will review with other staff here at the Town and we'll be sure to get back to you before the November 3 date.

Mark Taylor, OALA, CSLA
Senior Landscape Architect
Town of Halton Hills
Recreation & Parks Department
1 Halton Hills Drive
Halton Hills (Georgetown), ON L7G 5G2
Tel: 905-873-2601 ext. 2267
Toll Free 1-877-712-2205 ext. 2267
Fax: 905-873-1587
email: marktaylor@haltonhills.ca
website: www.haltonhills.ca

From: Oberoi, Sanjeev [<mailto:Sanjeev.Oberoi@halton.ca>]
Sent: October-23-17 8:07 AM
To: Mark Taylor
Cc: Avid Banihashemi (Avid.Banihashemi@rjburnside.com); 'Jeff.Langlois@rjburnside.com' (Jeff.Langlois@rjburnside.com)
Subject: Ex-TAC Meeting No.1 Minutes and John St. WWPS Proposed Footprint Options in John St. Park

Good Morning Mark,

Please find attached the minutes from our meeting on October 13, 2017.

Also, based on your input; the project team has drafted three proposed footprint alternatives for the WWPS in the John Street Park (please see attached).

Could you please review these minutes and the proposed footprint options and advise me of your input/comments **by November 3, 2017**.

Thanks,

Sanjeev Oberoi, P.Eng.

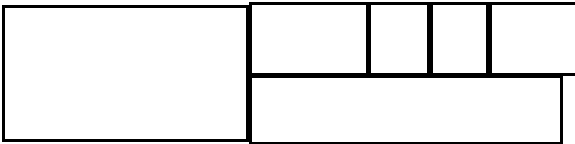
Project Manager II

Infrastructure Planning & Policy

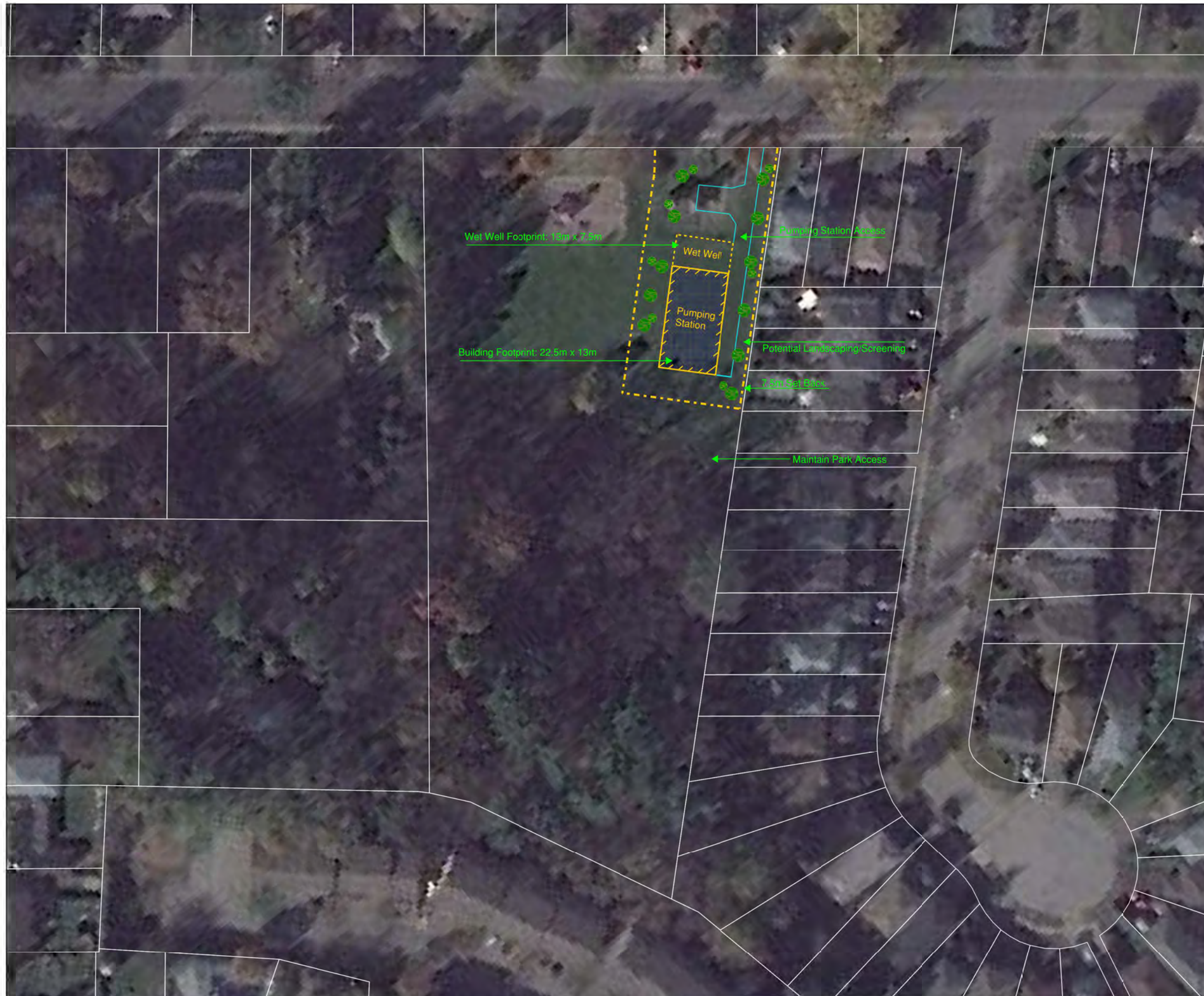
Public Works

Halton Region


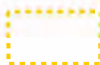



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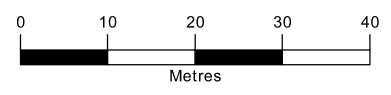
-  Pumping Station Building
-  Wet Well
-  Driveway
-  Set Back
-  Landscaping

Sources:
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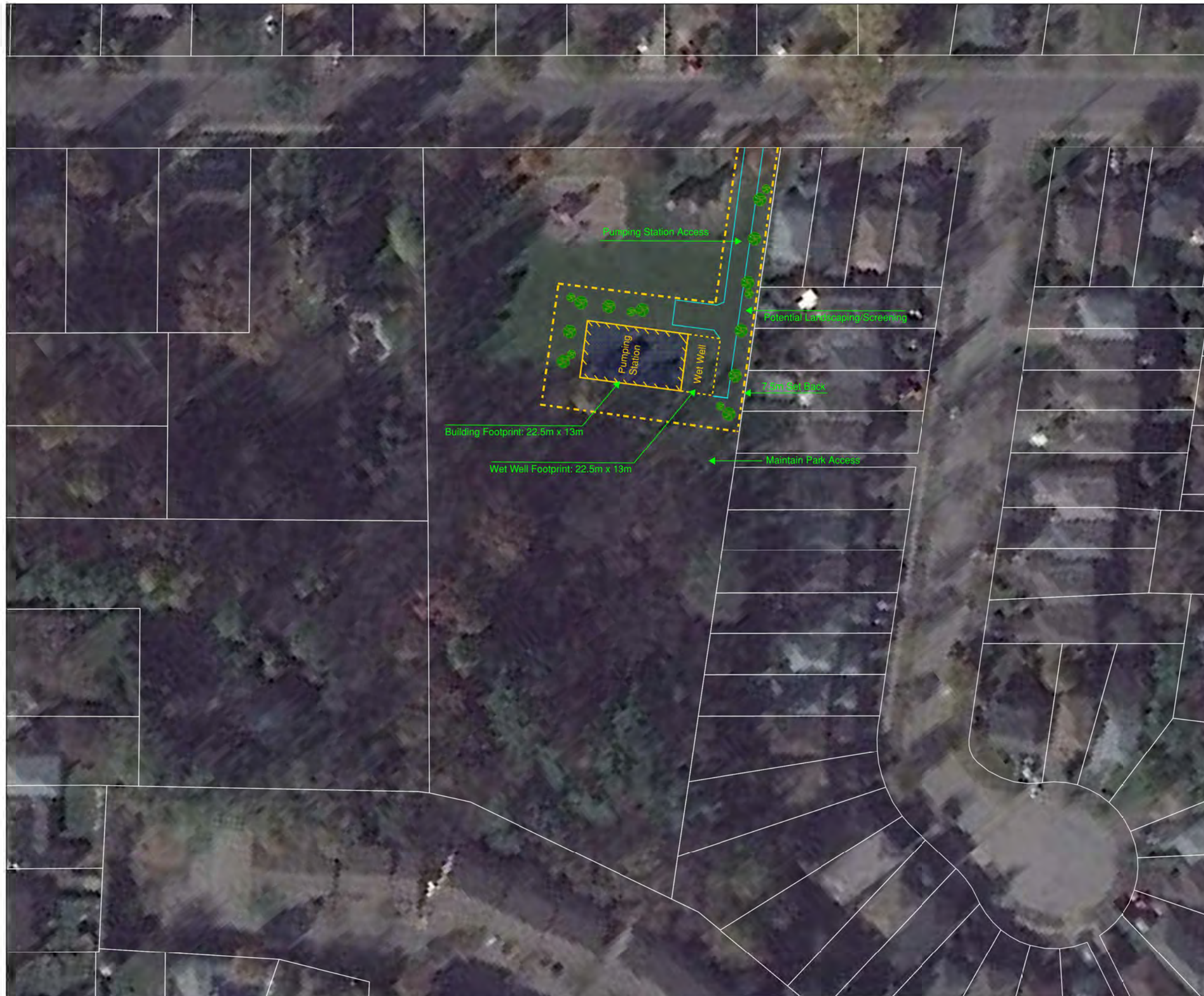
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Projection: Transverse Mercator		
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Rotation: -52.8	Scale Factor: 0.99960	








Client
THE REGIONAL MUNICIPALITY OF HALTON

Figure Title
**JOHN ST WWPS EA
 PROPOSED WASTEWATER PUMPING
 STATION FOOTPRINTS AT JOHN ST. PARK
 Preliminary for Discussion Only**

Drawn	Checked	Date	Figure No. 1
HN	AB	2017/10/19	
Scale	Project No.		
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LEGEND

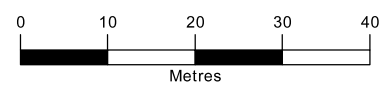
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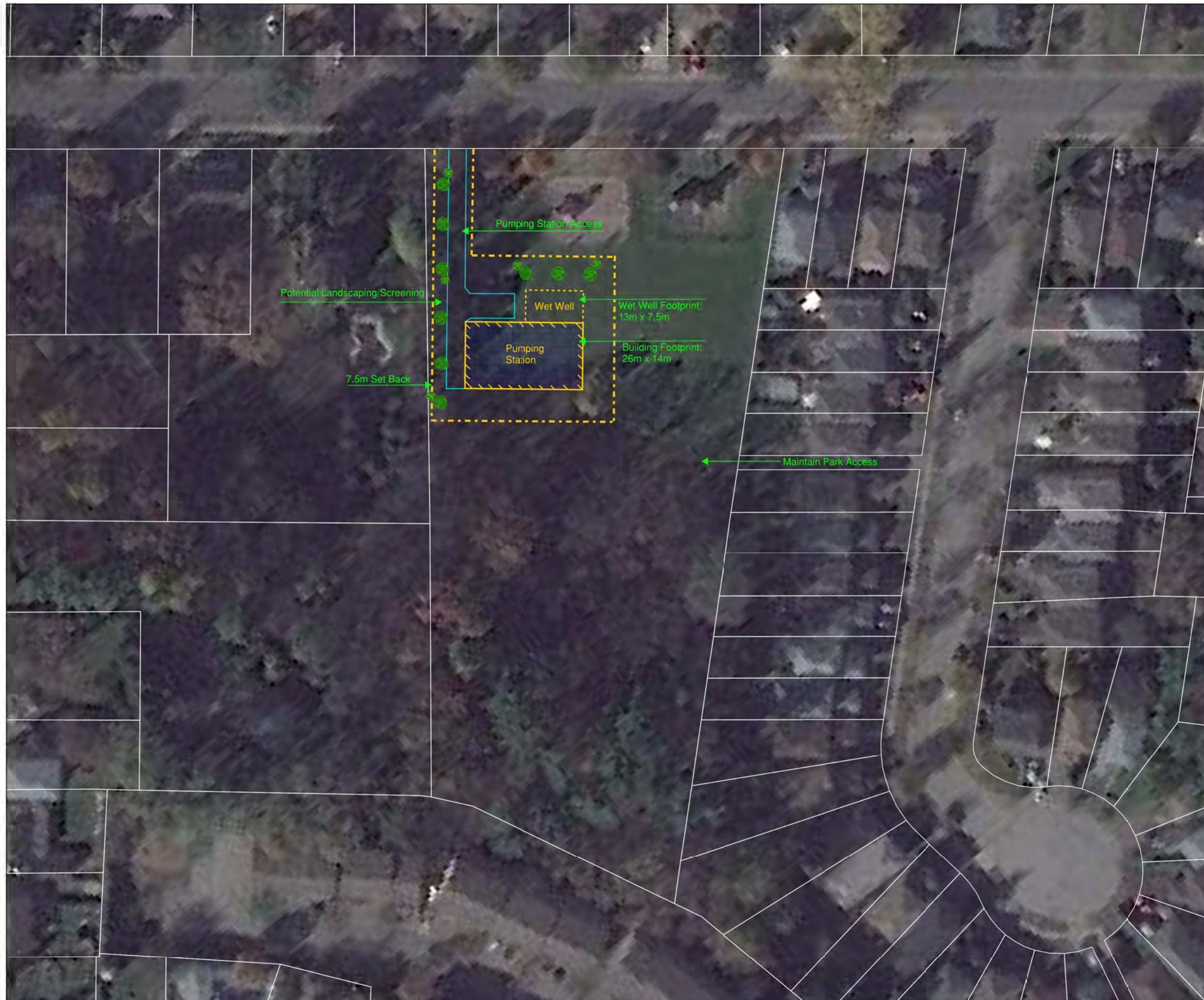
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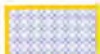




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THE REGIONAL MUNICIPALITY OF HALTON

Figure Title
JOHN ST WWPS EA
PROPOSED WASTEWATER PUMPING STATION FOOTPRINTS AT JOHN ST. PARK
Preliminary for Discussion Only

Drawn	Checked	Date	Figure No. 2
HN	AB	2017/10/19	
Scale	Project No.		
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LEGEND

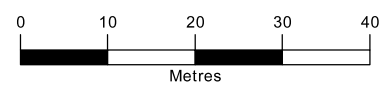
-  Pumping Station Building
-  Wet Well
-  Driveway
-  Set Back
-  Landscaping

Sources:
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Coord. System: NAD 1983 UTM Zone 17N		
Projection: Transverse Mercator		
Central Meridian: 81°0'0.00"W		
False Easting:	False Northing: 0m	
Rotation: -52.8	Scale Factor: 0.99960	



Client
THE REGIONAL MUNICIPALITY OF HALTON

Figure Title
**JOHN ST WWPS EA
 PROPOSED WASTEWATER PUMPING
 STATION FOOTPRINTS AT JOHN ST. PARK
 Preliminary for Discussion Only**

Drawn	Checked	Date	Figure No. 3
HN	AB	2017/10/19	
Scale	Project No.		
H 1:865	300039946		

Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Wednesday, October 25, 2017 2:46 PM
To: Avid Banihashemi
Subject: FW: Scheule for the next meeting with Town

Hi Avid,

Are you and Jeff are Ok with having this meeting at Town Office?

From: Mark Taylor [<mailto:MarkTaylor@haltonhills.ca>]
Sent: Wednesday, October 25, 2017 12:35 PM
To: Oberoi, Sanjeev
Cc: Avid Banihashemi (Avid.Banihashemi@rjburnside.com)
Subject: RE: Scheule for the next meeting with Town

Hi Sanjeev,

The afternoon of November 17th works for us and I would likely bring Kevin Okimi- Manager of Parks & Open Space to the meeting. It would be ideal if the meeting could be held at our Town offices, I can arrange a meeting room if that works for you. Alternately the North Operations yard would also work. Would a time of 2pm-4:00pm be suitable?

Thank you

Mark Taylor, OALA, CSLA
Senior Landscape Architect
Town of Halton Hills
Recreation & Parks Department
1 Halton Hills Drive
Halton Hills (Georgetown), ON L7G 5G2
Tel: 905-873-2601 ext. 2267
Toll Free 1-877-712-2205 ext. 2267
Fax. 905-873-1587
email: marktaylor@haltonhills.ca
website: www.haltonhills.ca

From: Oberoi, Sanjeev [<mailto:Sanjeev.Oberoi@halton.ca>]
Sent: October-23-17 2:14 PM
To: Mark Taylor
Cc: Avid Banihashemi (Avid.Banihashemi@rjburnside.com)
Subject: Scheule for the next meeting with Town

Good afternoon Mark,

The John St. WWPS EA Project Team would like to schedule the second meeting with the Town to have a more in-depth discussion of the proposed footprint and layouts for the new pump station. I would like to propose the dates/times below:

13th November – PM
17th November – PM

Could you please let me know of your preferred date/time for this meeting.

Thanks,

Sanjeev Oberoi, P.Eng.

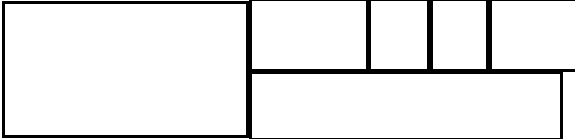
Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7921 | 1-866-442-5866



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Avid Banihashemi

From: Mark Taylor <MarkTaylor@haltonhills.ca>
Sent: Monday, October 30, 2017 10:06 AM
To: 'Oberoi, Sanjeev'
Cc: Avid Banihashemi; Jeff Langlois
Subject: RE: John St WWPS EA

Follow Up Flag: Follow up
Flag Status: Flagged

Sounds good.
Thank you

Mark Taylor, OALA, CSLA
Senior Landscape Architect
Town of Halton Hills
Recreation & Parks Department
1 Halton Hills Drive
Halton Hills (Georgetown), ON L7G 5G2
Tel: 905-873-2601 ext. 2267
Toll Free 1-877-712-2205 ext. 2267
Fax. 905-873-1587
email: marktaylor@haltonhills.ca
website: www.haltonhills.ca

From: Oberoi, Sanjeev [mailto:Sanjeev.Oberoi@halton.ca]
Sent: October-30-17 9:39 AM
To: Mark Taylor
Cc: Avid Banihashemi (Avid.Banihashemi@rjburnside.com); 'Jeff.langlois@rjburnside.com' (Jeff.langlois@rjburnside.com)
Subject: RE: John St WWPS EA

Hi Mark,

The project team agrees with your recommendation and will present both options 1 & 3 at the PIC so as to solicit public input for these options.

The PIC for this Study will be held on **Thursday, November 30, 2017** from 6:00 p.m. to 8:00 p.m. (drop-in) at the **Georgetown Public Library**, located at 9 Church Street, Georgetown. Regional and Local Councillors for the Town of Halton Hills, Ward 3, have been notified and invited to attend the Public Information Centre.

As per your suggestion, I will cancel our meeting schedule for November 17 and will contact you after the PIC to discuss input from public consultation.

Best Regards,

From: Mark Taylor [mailto:MarkTaylor@haltonhills.ca]
Sent: Friday, October 27, 2017 11:54 AM
To: Oberoi, Sanjeev

Cc: Avid Banihashemi (Avid.Banihashemi@rjburnside.com)

Subject: John St WWPS EA

Hi Sanjeev,

In chatting with our staff here, we are comfortable with what is shown for options 1 & 3 for public consultation purposes (we would recommend showing the public both options for discussion purposes).

Can you please provide a general timeline for the public consultation process so I can inform the Mayor and local councillors.

Also please let me know what items you would like to discuss at the November 17 meeting so I can have anything required prepared beforehand. If there aren't pressing items from the Region that need input, it may be better to wait until after the public consultation so we can discuss with the information from the consultation.

Thank you

Mark Taylor, OALA, CSLA
Senior Landscape Architect

Town of Halton Hills

Recreation & Parks Department

1 Halton Hills Drive

Halton Hills (Georgetown), ON L7G 5G2

Tel: 905-873-2601 ext. 2267

Toll Free 1-877-712-2205 ext. 2267

Fax: 905-873-1587

email: marktaylor@haltonhills.ca

website: www.haltonhills.ca

From: Oberoi, Sanjeev [<mailto:Sanjeev.Oberoi@halton.ca>]

Sent: October-23-17 2:14 PM

To: Mark Taylor

Cc: Avid Banihashemi (Avid.Banihashemi@rjburnside.com)

Subject: Scheule for the next meeting with Town

Good afternoon Mark,

The John St. WWPS EA Project Team would like to schedule the second meeting with the Town to have a more in-depth discussion of the proposed footprint and layouts for the new pump station. I would like to propose the dates/times below:

13th November – PM

17th November – PM

Could you please let me know of your preferred date/time for this meeting.

Thanks,

Sanjeev Oberoi, P.Eng.

Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7921 | 1-866-442-5866

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Avid Banihashemi

From: Mark Taylor <MarkTaylor@haltonhills.ca>
Sent: Wednesday, November 08, 2017 4:02 PM
To: 'Oberoi, Sanjeev'
Cc: Avid Banihashemi; Jeff Langlois
Subject: RE: John St WWPS EA
Attachments: John Street Park.jpg

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Sanjeev,

As part of the materials for the open house, I would strongly recommend using a current aerial image (see attached spring 2017 image) It provides much more definition of the grass/woodlot boundary on the site and shows the playground and surrounding trees clearly. The region should have access to this imagery. The other imagery has too much shadow and doesn't show the walkway or park features well.

Thank you

Mark Taylor, OALA, CSLA
Senior Landscape Architect
Town of Halton Hills
Recreation & Parks Department
1 Halton Hills Drive
Halton Hills (Georgetown), ON L7G 5G2
Tel: 905-873-2601 ext. 2267
Toll Free 1-877-712-2205 ext. 2267
Fax. 905-873-1587
email: marktaylor@haltonhills.ca
website: www.haltonhills.ca

From: Mark Taylor
Sent: October-30-17 10:06 AM
To: 'Oberoi, Sanjeev'
Cc: Avid Banihashemi (Avid.Banihashemi@rjburnside.com); 'Jeff.langlois@rjburnside.com' (Jeff.langlois@rjburnside.com)
Subject: RE: John St WWPS EA

Sounds good.

Thank you

Mark Taylor, OALA, CSLA
Senior Landscape Architect
Town of Halton Hills
Recreation & Parks Department
1 Halton Hills Drive
Halton Hills (Georgetown), ON L7G 5G2
Tel: 905-873-2601 ext. 2267
Toll Free 1-877-712-2205 ext. 2267
Fax. 905-873-1587



Avid Banihashemi

From: Mark Taylor <MarkTaylor@haltonhills.ca>
Sent: Tuesday, January 16, 2018 10:20 AM
To: 'Oberoi, Sanjeev'
Cc: Avid Banihashemi; Jeff Langlois
Subject: RE: John St WWPS EA

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Sanjeev,
Thank you for this consolidated information. Was the property owner from [REDACTED] (west neighbour to park) in attendance? I will review and let you know if I have any questions.

Mark Taylor, OALA, CSLA
Senior Landscape Architect
Town of Halton Hills
Recreation & Parks Department
1 Halton Hills Drive
Halton Hills (Georgetown), ON L7G 5G2
Tel: 905-873-2601 ext. 2267
Toll Free 1-877-712-2205 ext. 2267
Fax: 905-873-1587
email: marktaylor@haltonhills.ca
website: www.haltonhills.ca

From: Oberoi, Sanjeev [mailto:Sanjeev.Oberoi@halton.ca]
Sent: January-15-18 3:06 PM
To: Mark Taylor
Cc: Avid Banihashemi (Avid.Banihashemi@rjburnside.com); 'Jeff.langlois@rjburnside.com' (Jeff.langlois@rjburnside.com)
Subject: RE: John St WWPS EA

Happy New Year Mark!

The PIC for the John Street WWPS Class EA Study went very well. Most of the residents were very supportive of the project. As per your suggestion, the project team showed both options for the locations of the new WWPS at the PIC. Everyone preferred wastewater pump station to be located on the west side of the park (Option 2).

I have attached the slides of the PIC and the summary of the comments received from the public for your info.

Currently, the project team is working on to prepare the draft Project File Report. I will circulate a copy of the report to you for your review prior to filing the Notice of Completion.

In the meantime, please let me know if you require any additional info.

Thanks,

Sanjeev Oberoi, P.Eng., PMP

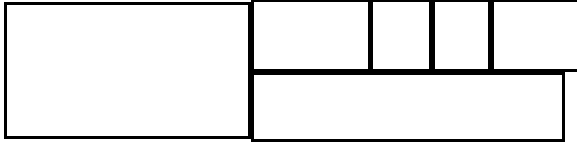
Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7921 | 1-866-442-5866



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From: Mark Taylor [<mailto:MarkTaylor@haltonhills.ca>]
Sent: Friday, October 27, 2017 11:54 AM
To: Oberoi, Sanjeev
Cc: Avid Banihashemi (Avid.Banihashemi@rjburnside.com)
Subject: John St WWPS EA

Hi Sanjeev,

In chatting with our staff here, we are comfortable with what is shown for options 1 & 3 for public consultation purposes (we would recommend showing the public both options for discussion purposes).

Can you please provide a general timeline for the public consultation process so I can inform the Mayor and local councillors.

Also please let me know what items you would like to discuss at the November 17 meeting so I can have anything required prepared beforehand. If there aren't pressing items from the Region that need input, it may be better to wait until after the public consultation so we can discuss with the information from the consultation.

Thank you

Mark Taylor, OALA, CSLA

Senior Landscape Architect

Town of Halton Hills

Recreation & Parks Department

1 Halton Hills Drive

Halton Hills (Georgetown), ON L7G 5G2

Tel: 905-873-2601 ext. 2267

Toll Free 1-877-712-2205 ext. 2267

Fax: 905-873-1587

email: marktaylor@haltonhills.ca

website: www.haltonhills.ca

Jeff Langlois

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Thursday, May 31, 2018 11:22 AM
To: Mark Taylor; 'Bill Andrews'
Cc: Kevin Okimi; Jeff Langlois; Avid Banihashemi
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Thanks Mark and Bill for these valuable suggestions! The project team will incorporate these suggestions in the final version of the Project File Report.

Please note that the Region is planning to file the report on June 14, 2018. The final Project File Report will be open for a 45 day public review period (from June 14 – July 30). You will receive the notice of Study completion regarding this during the week of June 11.

Best Regards,
Sanjeev

From: Bill Andrews [mailto:bandrews@haltonhills.ca]
Sent: Wednesday, May 30, 2018 2:22 PM
To: Oberoi, Sanjeev
Cc: Mark Taylor; Kevin Okimi; Jeff Langlois; 'Avid Banihashemi'
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Hi Sanjeev and Avid,

Here are the Town of Halton Hills Transportation and Public Works Department comments for your consideration:

- Table 8.2 included a commitment made by the Project team to the Town of Halton Hills (October 13, 2017) to: *“Include a commitment as part of the Study Project File Report for the detailed design stage, for the design to be creative and compatible with recreational use of the Park;”*. This commitment is not included in the list of detailed design commitments identified in Section 12.1.1 and should be included.
- There is no specific mention of odour control/mitigation or noise in relation to the operation (i.e., outside of construction) of the facility for local residents. Although there is an existing WWPS on this site, the configuration of the facility will change which may result in impacts to existing residents. In addition, there does not appear to be an indication if the new facility will include an emergency generator or its proposed location. This should be considered as part of the detailed design process. Consider adding to Section 12.1.1.
- There does not appear to be any specific mention of the fate of the existing WWPS and the associated property. Consider providing confirmation of the intended extend of decommissioning (i.e., partial or complete demolition/removal) and the proposed fate of the existing WWPS property.
- In addition to the permits identified in the Project File and the e-mail below, a Town of Halton Hills Building Permit will also be required.

Let us know if you have any questions or comments.

Thank you.

William (Bill) Andrews, P.Eng. BDS, PMP
Director of Engineering
Transportation and Public Works
Town of Halton Hills
1 Halton Hills Drive
Halton Hills, ON L7G 5G2
905-873-2601 Ext. 2310
bandrews@haltonhills.ca

From: Mark Taylor
Sent: May-30-18 10:15 AM
To: 'Oberoi, Sanjeev'
Cc: Jeff Langlois; 'Avid Banihashemi'; Bill Andrews; Kevin Okimi
Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Hi Sanjeev and Avid,
Here are Town of Halton Hills Recreation & Parks Department comments for the John St. WWPS EA file. By copy of this email, Bill Andrews – Director of Engineering Transportation and Public Works at the Town can provide his comments if any.

We have reviewed and are aware of the impacts of this project, proposed alternatives, and based on the work to date, are supportive of the preferred alternative.

Section 12 project implementation is rather vague on a number of important items that will have to be dealt with.

- The land in John St Park which the new WWPS is proposed is owned by the Town. There will have to be a purchase/transfer of lands as well as any easements required at an appropriate time in the project.
- The Region will have to go through the Towns Site Plan approval process for the development.
- As part of the Site Plan process, urban design and building design will be required. Because of the location of this building, it is required that it be of upgraded design and blend in with the neighbourhood. Also that the typical 'compound' for these buildings be adjusted so it blends with the park, this may include special treatment of fencing, driveways, space required for building components, etc.
- Impacts to the existing function and use of the park and playground should be minimized throughout construction.

Let me know if you have any questions.
Thank you

Mark Taylor, OALA, CSLA
Senior Landscape Architect
Town of Halton Hills
Recreation & Parks Department
1 Halton Hills Drive
Halton Hills (Georgetown), ON L7G 5G2
Tel: 905-873-2601 ext. 2267
Toll Free 1-877-712-2205 ext. 2267
Fax. 905-873-1587
email: marktaylor@haltonhills.ca
website: www.haltonhills.ca

From: Oberoi, Sanjeev [<mailto:Sanjeev.Oberoi@halton.ca>]
Sent: May-28-18 11:55 AM
To: Mark Taylor

Cc: Jeff Langlois; 'Avid Banihashemi'

Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Hi Mark,

We are aiming to file the Project File Report in the summer of 2018 and the next step in the process will be to proceed with the detailed design and construction of the preferred alternative solution as documented in the Project File Report. I believe the site plan application process will be completed during the detailed design phase.

Please do send me the comments (if any) from the Town's Engineering Dept. by tomorrow.

Thanks,

Sanjeev Oberoi, P.Eng., PMP

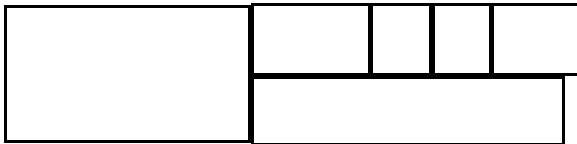
Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7921 | 1-866-442-5866



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From: Mark Taylor [<mailto:MarkTaylor@haltonhills.ca>]

Sent: Wednesday, May 23, 2018 4:14 PM

To: 'Avid Banihashemi'

Cc: Oberoi, Sanjeev; Jeff Langlois

Subject: RE: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Hi Sanjeev,

Further to my voicemail message today, I have reviewed the documents and wanted to know the rest of the process, assuming it would go through the site plan application process once the EA is complete. (I didn't see that mentioned under the Project Implementation section.) I'm also working to get comments if any from our Engineering Dept.

Thanks

Mark Taylor, OALA, CSLA

Senior Landscape Architect

Town of Halton Hills

Recreation & Parks Department

1 Halton Hills Drive

Halton Hills (Georgetown), ON L7G 5G2

Tel: 905-873-2601 ext. 2267

Toll Free 1-877-712-2205 ext. 2267

Fax. 905-873-1587

email: marktaylor@haltonhills.ca

website: www.haltonhills.ca

From: Avid Banihashemi [<mailto:Avid.Banihashemi@rjburnside.com>]
Sent: May-18-18 3:26 PM
To: Mark Taylor
Cc: Oberoi, Sanjeev; Jeff Langlois
Subject: Reminder: 039946 - John Street WWPS EA -Draft Project File Report (PFR) Agency Distribution

Dear Mr. Taylor,

The Draft Project File Report (PFR) for John Street Wastewater Pumping Station (WWPS) Upgrades Schedule B Environmental Assessment Study has been distributed for agency review. A digital submission was made through email to you on 1st May 2018 including a Submission Letter, the Draft PFR, and the Draft PFR Appendices, for Town of Halton Hills review and comment. A hard copy of the Draft PFR was followed by courier.

This is a friendly reminder that we would appreciate comments from the Town of Halton Hills to Burnside and Halton Region by Tuesday, May 29, 2018.

Best Regards,

John Street WWPS EA Project Team



Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
Office: 800-265-9662 Direct: 226-486-1562
www.rjburnside.com

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Thank you.



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Appendix F6

Other Stakeholders Correspondence

Avid Banihashemi

From: Jennifer Vandermeer
Sent: Monday, April 03, 2017 9:27 AM
To: Basile, Rosa
Cc: Oberoi, Sanjeev; Jeff Langlois; Avid Banihashemi
Subject: RE: Project Response Form

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning Rosa,
Please accept my apologies, I miss-read your response form. We will certainly keep Paramedic Services on our Project Contact List so you will be kept informed of the Study as it progresses.
Best regards,
Jennifer

Jennifer Vandermeer, P.Eng.
Environmental Assessment Lead

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: 800-265-9662 Direct: 226-486-1559

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Thank you.

From: Basile, Rosa [<mailto:Rosa.Basile@halton.ca>]
Sent: Monday, April 03, 2017 8:46 AM
To: Jennifer Vandermeer
Cc: Oberoi, Sanjeev; Jeff Langlois; Avid Banihashemi
Subject: RE: Project Response Form

Hi Jennifer,

Please note we said that we don't want to be removed from the contact list per question 2.

Thanks, Rosa

Rosa Basile
Operations Coordinator
Paramedic Services
Health
Halton Region
905-825-6000, ext. 7112 | 1-866-442-5866



halton.ca ☎ 311

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From: Jennifer Vandermeer [<mailto:Jennifer.Vandermeer@rjburnside.com>]
Sent: Friday, March 31, 2017 11:23 AM
To: Basile, Rosa
Cc: Oberoi, Sanjeev; Jeff Langlois; Avid Banihashemi
Subject: Re: Project Response Form

Good morning Rosa,
Thank-you for your response to the Notice of Commencement for the John Street WWPS Class EA. Per your request, we will remove Halton Region Paramedic Services from the Project Contact List.
Best regards,
Jennifer

Jennifer Vandermeer, P.Eng. | R.J. Burnside & Associates Limited | www.rjburnside.com
Environmental Assessment Lead | Office: 800-265-9662 Direct: 226-486-1559

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Thank you.

-----Original Message-----

From: Basile, Rosa [<mailto:Rosa.Basile@halton.ca>]
Sent: Thursday, March 30, 2017 12:23 PM
To: Jennifer Vandermeer
Subject: Project Response Form

Attached please find the requested form.

Thank you

Rosa Basile
Operations Coordinator
Paramedic Services
Halton Region
905-825-6000, ext. 7112 | 1-866-442-5866

Avid Banihashemi

From: Jennifer Vandermeer
Sent: Monday, March 20, 2017 9:43 AM
To: AndreaI@haltonhills.ca
Cc: Oberoi, Sanjeev; Jeff Langlois; Avid Banihashemi
Subject: Re: Project Response Form
Attachments: 0811_001.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning Andrea,
Thank-you for your response to the Notice of Commencement for the John Street WWPS Class EA. Per your request, we will remove Halton Hills Fire Department from the Project Contact List.
Best regards,
Jennifer

Jennifer Vandermeer, P.Eng.
Environmental Assessment Lead

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: 800-265-9662 Direct: 226-486-1559

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Thank you.

From: Andrea Ireland [mailto: AndreaI@haltonhills.ca]
Sent: Friday, March 17, 2017 4:27 PM
To: Jennifer Vandermeer
Subject: Project Response Form

Good afternoon Jennifer,

Attached is project response form for the John Street Wastewater Class EA from the Halton Hills Fire Department.

Regards,

Andrea Ireland | Administrative Coordinator
Halton Hills Fire Department
14007 10 Sideroad
Georgetown, ON L7G 4S5
T 905-873-2601 x2124 | F 905-877-1317
andreaI@haltonhills.ca



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Oakville, ON L6M 3L1

292 Speedvale Avenue West,
Unit 20 Guelph, ON N1H 1C4

<http://www.halton.ca> www.burnside.com

Project Response Form

Notice of Study Commencement John Street Wastewater Pumping Station Class Environmental Assessment Study

Name: HARRY OWIVERI
(Please Print)

Phone No.: 905 873-2601 X2102

Agency: HALTON HILLS FIRE DEPT

Signed: [Signature]

Date: MARCH 17/2017

Please assist us in identifying your interests:

		YES	NO
1.	Does your organization wish to participate in this project?		X
2.	If the answer to Question 1 is "no," would you like to be removed from contact list?	X	

3. Please identify any concerns or comments your agency may have at this time.

Please return this completed form by **April 6, 2017** to Jennifer.Vandermeer@riburnside.com

Avid Banihashemi

From: Jennifer Vandermeer
Sent: Friday, March 31, 2017 10:33 AM
To: Utility Circulations
Cc: Oberoi, Sanjeev; Avid Banihashemi
Subject: RE: John Street Wastewater Pumping Station

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Managed in IBM ECM

Good morning Ian,

Thank-you for your response to the Notice of Commencement for the John Street WWPS Class EA. As Zayo has no existing plant in the Study Area, we will remove Zayo from the Project Contact List unless you advise us otherwise.

Best regards,
Jennifer

Jennifer Vandermeer, P.Eng.
Environmental Assessment Lead

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: 800-265-9662 Direct: 226-486-1559

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Thank you.

From: ian.fleming@zayo.com [<mailto:ian.fleming@zayo.com>] **On Behalf Of** Utility Circulations
Sent: Wednesday, March 29, 2017 3:07 PM
To: Jennifer Vandermeer
Subject: Re: John Street Wastewater Pumping Station

Good Afternoon,

Zayo has no existing plant in the area indicated in your submission. No markup, no objection, and no comments. Thank you.

Ian Fleming
Utility Circulations

On 16 March 2017 at 10:24, Jennifer Vandermeer <Jennifer.Vandermeer@rjburnside.com> wrote:

Good Morning,

Please find the attached letter, Notice of Commencement and Response Form regarding the Region of Halton's John Street Wastewater Pumping Station Municipal Class Environmental Assessment Study. Should you have any questions regarding this project please feel free to contact the undersigned.

Best regards,

Jennifer

 **BURNSIDE**
Jennifer Vandermeer, P.Eng.
Environmental Assessment Lead

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
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Thank you.

Avid Banihashemi

From: Galliher, Sarah <GalliherS@hcdsb.org>
Sent: Monday, April 10, 2017 5:26 PM
To: Avid Banihashemi
Subject: Re: John St. Pumping Station Class EA

Yes please!

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Avid Banihashemi
Sent: Monday, April 10, 2017 4:55 PM
To: Galliher, Sarah
Cc: Oberoi, Sanjeev; Jeff Langlois; Jennifer Vandermeer
Subject: RE: John St. Pumping Station Class EA

Thanks Sarah,

Would like to stay on our Project Contact List for future Project notices and updates?

Best,
Avid

Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: 800-265-9662 Direct: 226-486-1562

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From: Galliher, Sarah [<mailto:GalliherS@hcdsb.org>]
Sent: Monday, April 10, 2017 2:01 PM
To: Avid Banihashemi
Cc: Oberoi, Sanjeev; Jeff Langlois
Subject: RE: John St. Pumping Station Class EA

Thanks so much for this detailed response.

Sarah

Sarah Galliher
Planning Officer | Planning Services
Halton Catholic District School Board

From: Avid Banihashemi [<mailto:Avid.Banihashemi@rjburnside.com>]
Sent: April 10, 2017 12:12 PM

To: Galliher, Sarah <GalliherS@hcdsb.org>
Cc: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>; Jeff Langlois <Jeff.Langlois@rjburnside.com>
Subject: John St. Pumping Station Class EA

Good afternoon Sara,

Thank you for contacting us on behalf of the Halton Catholic District School Board, and sorry we missed your call. We received your voice message regarding the potential effects of John St. Wastewater Pumping Station upgrades/improvements on the area south of the CN railway. The area south of the railway will not be affected by this Project and falls outside the Class Environmental Assessment Study Area.

Kindly please note that this project is at a very early stage, and as the Study progresses, we will be posting more information on the Region's website. Later in 2017 (approximately September/October), the Region will hold a Public Information Centre (PIC) to present project details, present preliminary recommendations, obtain community feedback and answer questions. A notice of the location and time will be mailed and advertised in advance of that meeting. If you choose to stay on the Project Contact List, you will receive the PIC notice as well as any other project updates.

If you have any further questions or concerns, please do not hesitate to contact us.

Best regards,
Avid

 **BURNSIDE**
Avid Banihashemi
Environmental Project Manager

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario N1H 1C4
Office: 800-265-9662 Direct: 226-486-1562
www.rjburnside.com

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Avid Banihashemi

From: Avid Banihashemi
Sent: Thursday, May 18, 2017 4:31 PM
To: 'fwang@uniongas.com'
Cc: Jennifer Vandermeer
Subject: John St. Wastewater Pumping Station EA- Notice of Commencement Package
Attachments: 039946_John Street WWPS EA_NOCm.pdf; 039946_John Street WWPS EA_NOCm Agencies_Response Form.pdf; 039946_John Street WWPS EA_NOCm _UnionGas_Ms.Wang.pdf

Hello Ms. Wang,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment (in Georgetown).

We attempted to mail you a letter along with the Project Notice of Commencement and the Project Response Form (attached) mid-March 2017, and the mail was return back to us. We are emailing you the same information package for your review and potential comments/concerns.

Your contact information is part of the project contact list, and you will receive notices as the study progresses, unless indicated otherwise. Please feel free to contact us should you have any more comments or questions.

Sincerely,
The John St. WWPS EA Project Team



March 16, 2017

Via: Mail

Ms. Faye Wang
Manager
Union Gas Limited
360 Strathearne Avenue North
P.O. Box 10
Hamilton ON L8H 3A5

Dear Ms. Faye Wang

**Re: Notice of Study Commencement
John Street Wastewater Pumping Station
Municipal Class Environmental Assessment Study
Project No.: 300039946.0000**

The Region's John Street Wastewater Pumping Station (WWPS) in Georgetown is nearing the end of its useful life and requires significant capital upgrades in order to maintain the station in a state of good repair.

Accordingly, Halton Region has retained R.J. Burnside & Associates Limited (Burnside) to undertake a Municipal Class Environmental Assessment (EA) Study to consider a wide range of WWPS and/or collection system upgrade alternatives, in order to select the most appropriate station design concept that meets Halton Region's latest design standards. Alternative solutions may include construction of a new emergency over-flow to the Credit River to reduce the risk of a sewer surcharge in the event of WWPS system failure and/or during peak wet weather events.

This Study is being carried out in accordance with the planning and design process for Schedule 'B' projects as outlined in the Municipal Engineers Association *Municipal Class Environmental Assessment* (October 2000, as amended in 2015), which is approved under the Ontario *Environmental Assessment Act*. A key component of the study will be engagement with Indigenous communities, the public and agencies. The Study Area is shown in the attached Notice.

At this stage of the process, Burnside is requesting on behalf of the Region of Halton, that your agency complete the enclosed Response Form (to be returned by April 6, 2017), to assist us in understanding your agency's involvement with this project. Specifically, we are seeking information on:

- Policies, positions or guidelines implemented or administered by your agency that may affect implementation of improvements to the study area.

- Background information that is pertinent to the compilation of an environmental inventory of the general area of study.
- Any preliminary comments or concerns that your agency has on the proposed projects.
- Other projects proposed within or near the general area of study.

We are making contact early in the project development so concerns from your agency can be addressed and incorporated into the overall project design. Input and comments received from agencies, Indigenous communities and the public will be incorporated into the planning and design of this project.

Your input and questions are encouraged. To provide the study team with your comments, please email Jennifer.Vandermeer@rjburnside.com, or for further project information please contact Jennifer Vandermeer at 226-486-1559.

Your participation in this EA study is much appreciated.

Yours truly,

R.J. Burnside & Associates Limited



Jennifer Vandermeer, P.Eng.
Environmental Assessment Lead
JCV:sr

Enclosure(s) Notice of Commencement
 Response Form

cc: Sanjeev Oberoi, Region of Halton (enc.) (Via: Email)
 Jeff Langlois, Burnside (enc.) (Via: Email)

Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Monday, July 10, 2017 8:39 AM
To: Avid Banihashemi
Cc: Jeff Langlois
Subject: FW: John Street WWPS Class EA Study - Mailing List request?
Attachments: AECOM John Street WWPS EA_Response Form.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Fyi, for your file.

From: [REDACTED]
Sent: Tuesday, July 04, 2017 1:46 PM
To: Oberoi, Sanjeev
Subject: RE: John Street WWPS Class EA Study - Mailing List request?

Hi Sanjeev,

Here is the completed response form for the John St WWPS EA.

We are looking forward to seeing the schedule for the PICs

Cheers

[REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]

AECOM Canada Ltd.
30 Hanover Drive
Suite 3
St Catharines, ON L2W 1A3, Canada
T +1-905-682-0212
aecom.com

From: Oberoi, Sanjeev [<mailto:Sanjeev.Oberoi@halton.ca>]
Sent: Friday, June 30, 2017 9:24 AM
To: [REDACTED]
Subject: John Street WWPS Class EA Study - Mailing List request?

Hi [REDACTED],

Could you please complete the attached response form and return to me for my file.

Thanks,

From: Oberoi, Sanjeev
Sent: Friday, June 16, 2017 1:56 PM
To: [REDACTED]
Cc: Avid Banihashemi (Avid.Banihashemi@rjburnside.com); 'Jeff.Langlois@rjburnside.com' (Jeff.Langlois@rjburnside.com)
Subject: John Street WWPS Class EA Study - Mailing List request?

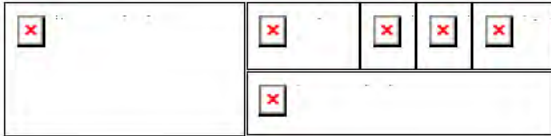
Hi [REDACTED],

I have added you to my project contact list for John Street WWPS.

Could you please complete the attached response form and return to me **by June 26, 2017**.

Thanks,

Sanjeev Oberoi, P.Eng.
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7921 | 1-866-442-5866



This message, including any attachments, is intended only for the person(s) named above and may contain confidential and/or privileged information. Any use, distribution, copying or disclosure by anyone other than the intended recipient is strictly prohibited. If you are not the intended recipient, please notify us immediately by telephone or e-mail and permanently delete the original transmission from us, including any attachments, without making a copy.

From: [REDACTED]
Sent: Thursday, June 15, 2017 4:19 PM
To: Access Halton
Cc: [REDACTED]
Subject: John Street WWPS Class EA Study - Mailing List request?

Hello and Good Afternoon,

Our people here would like to get on the mailing list for upcoming PIC meetings for this Halton project as described below:

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT STUDY
John Street Wastewater Pumping Station
68 John Street, Georgetown PR-2987A & PR-2987B

Can you arrange this? Looking forward to your reply

Cheers

[Redacted signature block]

AECOM Canada Ltd.
30 Hanover Drive
Suite 3
St Catharines, ON L2W 1A3, Canada
T +1-905-682-0212
aecom.com

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Avid Banihashemi

From: Avid Banihashemi
Sent: Thursday, April 20, 2017 11:23 AM
To: [REDACTED]
Cc: 'Oberoi, Sanjeev'; Jennifer Vandermeer; Jeff Langlois
Subject: John St. WWPS Class EA Study- 24hr Notice to Enter for Amphibian Survey

Categories: Managed in IBM ECM

Good morning [REDACTED],

On behalf of the Region of Halton, and further to the Agreement to Enter, dated April 12, 2017, we are hereby contacting you 24-hr prior to accessing your property for the first amphibian survey as part of the John St. Pumping Station Class EA Study.

Our Terrestrial Ecologists would require access to your property at [REDACTED] to perform their amphibian survey tomorrow evening (21st April, 2017) in order to properly capture potential local resident frog species. The frog call survey will involve walking transects throughout your entire property and stopping to record any frogs heard or observed.

Kindly please let us know if you have any questions or concerns.

Best regards,
Avid

Avid Banihashemi

From: Avid Banihashemi
Sent: Wednesday, April 26, 2017 3:51 PM
To: [REDACTED]
Cc: Oberoi, Sanjeev; Jeff Langlois; Jennifer Vandermeer
Subject: John St. WWPS Class EA Study- 24hr Notice to Enter for Bat Survey

Categories: Managed in IBM ECM

Good afternoon [REDACTED],

On behalf of the Region of Halton, and further to the Agreement to Enter, dated April 12, 2017, we are hereby contacting you 24-hr prior to accessing your property for the first bat survey as part of the John St. Pumping Station Class EA Study.

Our Terrestrial Ecologist, Peter DeCarvalho, would require access to your property at [REDACTED] to perform their bat survey this Friday morning and afternoon (28th April, 2017). The bat survey will involve non-invasive activities including observing and recording trees that exhibit characteristics favorable to bats breeding and roosting. He will record data on tree species, height, health, and trunk diameter, as well as cavity presence and suitability. Data records also include GPS waypoint data and photographs of trees identified as candidate habitat to spatially document their presence.

Kindly please let us know if you have any questions or concerns.

Best regards,
Avid

Avid Banihashemi

From: Avid Banihashemi
Sent: Monday, June 05, 2017 2:36 PM
To: [REDACTED]
Cc: Hannah Maciver; Jennifer Vandermeer
Subject: John St. WWPS Class EA Study- 24hr Notice to Enter for Breeding Bird Survey

Good afternoon [REDACTED]

On behalf of the Region of Halton, and further to the Agreement to Enter, dated April 12, 2017, we are hereby contacting you 24-hr prior to accessing your property for the first breeding bird survey, as part of the John St. Pumping Station Class Environmental Assessment Study.

Our Terrestrial Ecologist, Hannah Maciver, would require access to your property at [REDACTED] to perform the breeding bird survey this Thursday (8th June, 2017) between 6:00am- 10:00am. The breeding bird survey involves walking transects throughout the entire property and stopping to record any birds heard or observed.

Kindly please let us know if you have any questions or concerns.

Best regards,
Avid

Avid Banihashemi

From: Avid Banihashemi
Sent: Thursday, May 18, 2017 3:35 PM
To: [REDACTED]
Cc: Jennifer Vandermeer
Subject: John St. Wastewater Pumping Station EA- External Technical Advisory Committee Invitation
Attachments: 039946_John Street WWPS EA_NOCm.pdf; 039946_John Street WWPS EA_NOCm Ex-TAC_Response Form.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hello [REDACTED],

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment (in Georgetown). A copy of the Notice of Commencement for the project is attached.

This email is to follow up in regards to the Notice of Commencement and the Project Response Form that was sent out mid-March 2017. If you [REDACTED] have any concerns about the project, or would like to be part of the External Technical Advisory Committee (Ex-TAC), please complete the form attached and return at your earliest convenience.

The Ex-TAC mandate is to be a forum for more in-depth discussion of the key study issues, concerns or solutions, and to provide advice to the Study Team. As part of the Ex-TAC, requested involvement may include the following:

- Stakeholder contact throughout the project duration (about 1 year);
- Anticipated two half-day workshops likely to be held in June & August 2017;

The role of Ex-TAC is advisory, with no voting to be undertaken.

Your contact information is part of the project contact list, and you will receive notices as the study progresses, unless indicated otherwise. Please feel free to contact us should you have any more comments or questions.

Sincerely,
The John St. WWPS EA Project Team

Avid Banihashemi

From: Avid Banihashemi
Sent: Tuesday, May 23, 2017 2:16 PM
To: [REDACTED]
Cc: Nicholle Smith; Peter DeCarvalho; Jennifer Vandermeer
Subject: John St. WWPS Class EA Study- 24hr Notice to Enter for Amphibian Survey and Bat Survey

Good afternoon [REDACTED],

On behalf of the Region of Halton, and further to the Agreement to Enter, dated April 12, 2017, we are hereby contacting you 24-hr prior to accessing your property for the second frog call survey as well as the second bat survey, as part of the John St. Pumping Station Class Environmental Assessment Study.

Our Senior Terrestrial Ecologist, Nicholle Smith, would require to access to your property at 2 [REDACTED] [REDACTED] to perform the second frog call (amphibian) survey this Wednesday (24th May, 2017), and Friday (26th May 2017) between 8:00pm- 10:00pm. Also, our Terrestrial Ecologist, Peter DeCarvalho, would require access to your above property to perform the second bat survey this Thursday morning and afternoon (25th May, 2017).

The frog call survey will involve walking transects throughout the entire property and stopping to record any frogs heard or observed.

The bat survey will involve non-invasive activities including observing and recording trees that exhibit characteristics favorable to bats breeding and roosting. Peter will record data on tree species, height, health, and trunk diameter, as well as cavity presence and suitability. Data records also include GPS waypoint data and photographs of trees identified as candidate habitat to spatially document their presence.

Kindly please let us know if you have any questions or concerns.

Best regards,
Avid

Avid Banihashemi

From: Avid Banihashemi
Sent: Friday, June 16, 2017 11:07 AM
To: [REDACTED]
Cc: Chris Pfohl; Devin Soeting; Jennifer Vandermeer
Subject: John St. WWPS Class EA Study- 24hr Notice to Enter for Aquatic Habitat Survey

Good morning [REDACTED],

On behalf of the Region of Halton, and further to the Agreement to Enter, dated April 12, 2017, we are hereby contacting you 24-hr prior to accessing your property for the first aquatic habitat survey, as part of the John St. Pumping Station Class Environmental Assessment Study.

Our Aquatic Ecologists, Chris Pfohl and Devin Soeting, would require access to your property at [REDACTED] [REDACTED] to perform the aquatic habitat survey next Tuesday (20th June, 2017) between 7:00am- 7:00pm. The aquatic habitat survey involves walking along the entire length of shoreline within the property and record visual fish observations and visual watercourse morphology assessment and measurement.

Kindly please let us know if you have any questions or concerns.

Best regards,
Avid

Avid Banihashemi

From: Avid Banihashemi
Sent: Monday, June 19, 2017 11:24 AM
To: [REDACTED]
Cc: 'Heather Fotherby'; Peter DeCarvalho; Nicholle Smith; 'Oberoi, Sanjeev'
Subject: John St. WWPS Class EA Study- 24hr Notice to Enter for Acoustic Bat Survey

Good morning [REDACTED],

On behalf of the Region of Halton, and further to the Agreement to Enter, dated April 12, 2017, we are hereby contacting you 24-hr prior to accessing your property for the acoustic bat survey, as part of the John St. Pumping Station Class Environmental Assessment Study.

Passive acoustic surveys will be conducted to assess the use of the woodland vegetation community in your property by bats. Bat activity will be monitored with the use of microphones and acoustic recorders and are designed to collect records from the bat calls. A total of 5 acoustic recorders and accompanying microphones will be temporarily deployed within your property for approximately 12 to 15 nights. NRSI (Natural Resource Solutions Inc.) ecologists, would require access to your property at [REDACTED] to deploy the recorders and microphones as part of the acoustic bat survey this Tuesday (20th June, 2017) between 12:00pm- 7:00pm.

Kindly please let us know if you have any questions or concerns.

Best regards,
Avid

Avid Banihashemi

From: Avid Banihashemi
Sent: Tuesday, September 12, 2017 9:36 AM
To: [REDACTED]
Subject: FW: John St. WWPS EA - Ex-TAC Meeting
Attachments: 039946_John Street WWPS EA_NOcm.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning [REDACTED]

Thank you for calling us back. The email below was aimed for you, but it seems we got the wrong email address.

I hope you are available for the Ex-TAC meeting on 13th October, 2-4pm, as the majority of the Ex-TAC members we heard back from preferred that date/time. But we will make it work around your schedule for sure, if the above does not work for you.

Thanks again,

Best,
Avid

From: Avid Banihashemi
Sent: Monday, August 21, 2017 9:35 AM
To: [REDACTED]
Cc: 'Oberoi, Sanjeev'
Subject: John St. WWPS EA - Ex-TAC Meeting

Hello [REDACTED]

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment in Georgetown, ON (Notice of Study Commencement attached).

This email is to follow up in regards to your indication of interest to be part of John St. Class EA External Technical Advisory Committee and to inquire about your availability to attend John St. Class EA Ex-TAC meeting on one of the two proposed dates: October 13th or October 17th, 2:00pm-4:00pm, or 3:00-5:00pm. Kindly please let us know of your date and time preference by Friday, 8th September.

This meeting will be the planned half-day Ex-TAC workshop which provide the Study Team and the Ex-TAC members with the opportunity to have a more in-depth discussion of the key study issues, concerns, or solutions, and the Ex-TAC members to provide advice to the Study Team.

The role of Ex-TAC is advisory, with no voting to be undertaken.

Please feel free to contact us should you have any comments or questions.

Sincerely,

Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Friday, November 03, 2017 3:09 PM
To: Avid Banihashemi; Jeff Langlois
Subject: John street Waste Water Pumping Station (S2987B)
Attachments: Project Update Letter, November 3, 2017.pdf; Conceptual Easement Layout.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Fyi, for your Project file. Thanks,

Sanjeev Oberoi, P.Eng.

Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7921 | 1-866-442-5866



halton.ca 311

From: Fialho, Melissa
Sent: Friday, November 03, 2017 2:29 PM
To: Gilmore, Adam; Oberoi, Sanjeev; Green-Battiston, Melissa
Cc: Fletcher, Ryan
Subject: FW: John street Waste Water Pumping Station (S2987B)

Adam, Sanjeev and Melissa,

Please see the below email and attached correspondence sent to [REDACTED] this afternoon.

I have copied Ryan on the email as he will be taking over this project from me come January 2018.

Thanks,
Melissa

From: Fialho, Melissa
Sent: Friday, November 03, 2017 2:21 PM
To: [REDACTED]
Cc: Fletcher, Ryan
Subject: John street Waste Water Pumping Station (S2987B)

[REDACTED]

As you know, The Regional Municipality of Halton is carrying out a Municipal Class Environmental Assessment Study (Class EA) for the John Street Wastewater Pumping Station (WWPS) located at 68 John Street in the Town of Halton Hills. The Study is being conducted in compliance with the requirements of a Schedule B undertaking under the Municipal Class Environmental Assessment (October 2000, as amended 2007, 2011 & 2015), which is an approved process under

the Ontario Environmental Assessment Act. When we last met to discuss frog-call survey access to your property at [REDACTED], I had confirmed that any project updates would be provided to you via email. As such, please find attached a letter providing updated information on the project, timing, land requirements and information regarding the Public Information Centre (PIC) scheduled for later this month.

Should you have any questions pertaining to the attached or to the project in general, please do not hesitate to contact me. Please note I have also copied my colleague Ryan Fletcher on this email, as he will be taking over this project commencing January 2018 and will be your main point of contact within Halton Region's Realty Services department.

Kind regards,
Melissa

Melissa Fialho
Senior Realty Officer
Legal Services
Legislative & Planning Services
Halton Region
905-825-6000, ext. 3177 | 1-866-442-5866



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November 3, 2017

Legislative & Planning Services
Legal Services
1151 Bronte Road
Oakville ON L6M 3L1
Fax: 905-825-3879

VIA EMAIL



Attention: [Redacted]

RE: John Street Waste Water Pumping Station, Town of Halton Hills
Project Update: [Redacted] Halton Hills
Our File: S2987B

As you know, The Regional Municipality of Halton is carrying out a Municipal Class Environmental Assessment Study (Class EA) for the John Street Wastewater Pumping Station (WWPS) located at 68 John Street in the Town of Halton Hills. The Study is being conducted in compliance with the requirements of a Schedule B undertaking under the Municipal Class Environmental Assessment (October 2000, as amended 2007, 2011 & 2015), which is an approved process under the Ontario Environmental Assessment Act.

The John Street WWPS is nearing the end of its useful life and requires significant capital upgrades in order to maintain the station in a state of good repair. A wide range of servicing alternatives have been considered, including a new station and upgrading the existing station to address wastewater conveyance requirements in the vicinity of the John Street WWPS. The impact of various alternatives on social, cultural, economic and natural environments are being evaluated and assessed during the Study. It is anticipated that the Class EA will be completed in mid-2018.

When we last met to discuss frog-call survey access to your property at [Redacted] ("your property"), I had confirmed that any project updates would be provided to you via email. As such, I am providing the below update for your records:

Permanent Easement Requirement

As part of the Class EA study and preliminary design discussions, a permanent easement requirement from your property has been identified. This easement will be required to facilitate the installation of an emergency overflow pipe for the John Street WWPS. The overflow would only be used as a last resort in the highly unlikely event that several other backup measures (including a backup pump and emergency power generator, which will be included in the new or upgraded WWPS) malfunction at the same time. Please refer to "Conceptual Easement Layout" as outlined in yellow on the attached sketch which shows the location of the easement requirement, however to note, the easement layout identified is preliminary and subject to change as the Class EA study continues.

The Regional Municipality of Halton

Public Information Centre

A Public Information Centre (PIC) for this Class EA Study will be held in late November 2017 and you will receive a separate notification in the coming weeks. The PIC provides an opportunity for local residents to review the Class EA process and preliminary design and provide any comments / questions to Regional Staff related to the overall project. Please note the preliminary location of the permanent easement identified as required from your property will be shown on materials presented at the PIC, and myself and additional Realty Services staff will be present at the PIC to answer any questions you may have with respect to the easement requirement at that time.

Project Timing

It is anticipated that detailed design will be available sometime in 2019, at which time survey work would be performed on your property to legally identify all land requirements for the project, and a reference plan will be completed. Upon receipt of the reference plan, Realty Services staff will contact you to review and answer any questions you have with respect to the land requirements and the project in general. An appraisal report will be requisitioned to value the lands required, and a subsequent meeting will be held with yourself and Realty Services staff to present and review the results. Please note this project timing may change, however Realty Services will continue to provide you overall project updates as they become available.

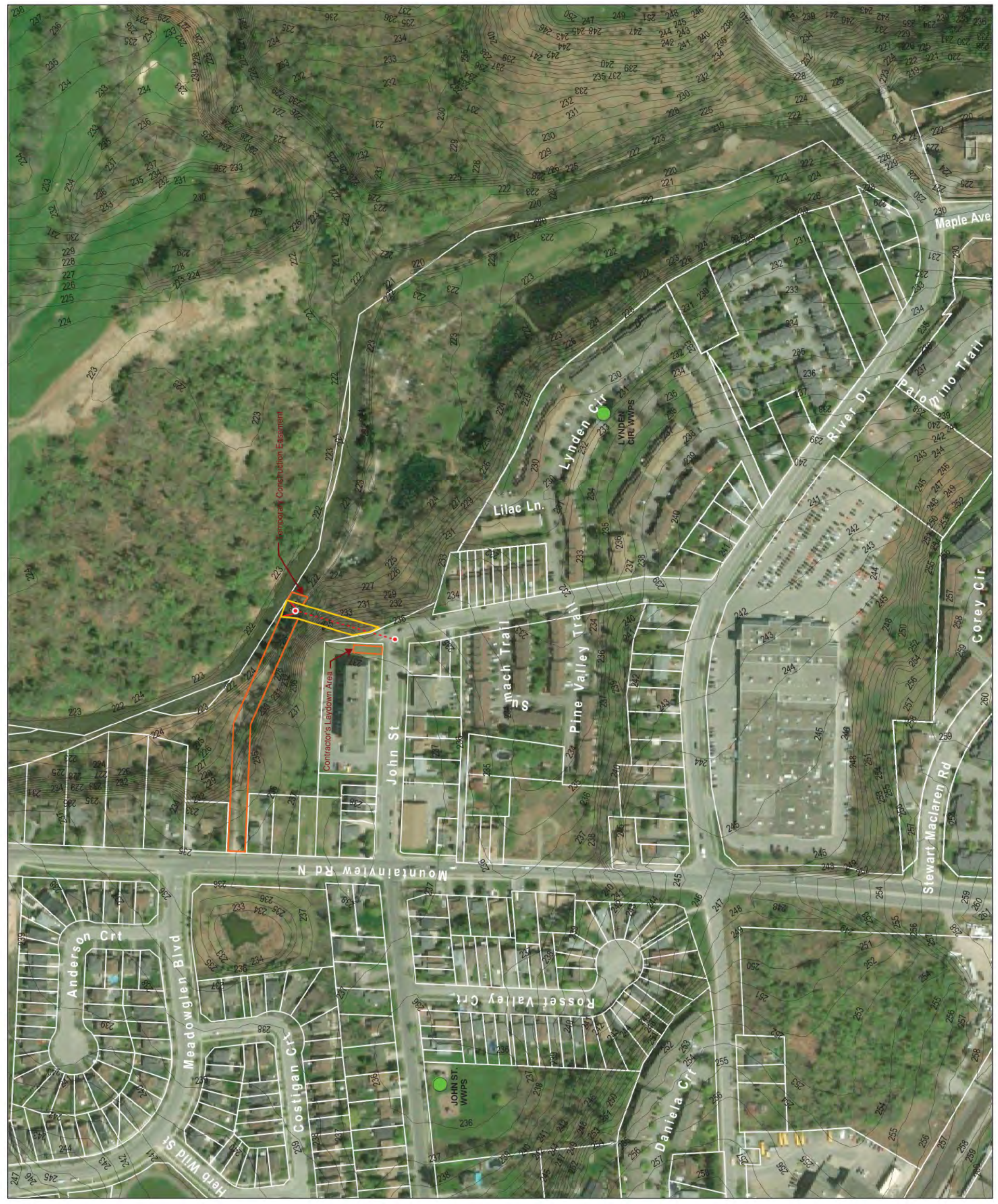
If you require additional information or clarification about the project at this time, please do not hesitate to contact me. I hope to see you at the scheduled PIC and thank you in advance for your cooperation and assistance.

Yours very truly,



Melissa Fialho, CRA
Senior Realty Officer
Legal Services Division

cc. Keenan Lane, Manager of Realty Services
Sanjeev Oberoi, Project Manager



- WWPS
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- - - EMERGENCY OVERFLOW

Sources:

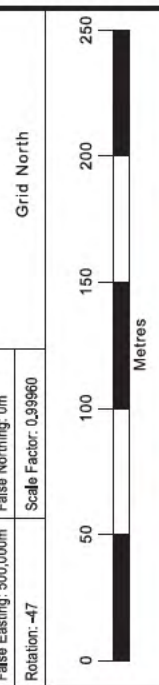
1. Ministry of Natural Resources, © Queen's Printer for Ontario
2. Natural Resources Canada © Her Majesty the Queen In Right of Canada.

Disclaimer:

R.J. Burnside & Associates Limited and the above mentioned sources and agencies are not responsible for the accuracy of the spatial, temporal, or other aspects of the data represented on this map. It is recommended that users confirm the accuracy of the information represented.

This map is the product of a Geographic Information System (GIS). As such, the data represented on this map may be subject to updates and future reproductions may not be identical.

Datum: North American 1983
Coord. System: NAD 1983 UTM Zone 17N
Projection: Transverse Mercator
Central Meridian: 81°00.00"W
False Easting: 500,000m
False Northing: 0m
Rotation: -47
Scale Factor: 0.99960



Client

TOWN OF HALTON HILLS

Figure Title

JOHN ST WWPS EA

CONCEPTUAL EASEMENT LAYOUT
Preliminary for Discussion Only

Drawn	Checked	Date	Figure No.
HN	AB	2017/10/05	1
Scale	Project No.		
H 1:3,000	300039946		

Avid Banihashemi

From: Avid Banihashemi
Sent: Tuesday, June 20, 2017 10:30 AM
To: 'johnkendell@rogers.com'
Cc: Jennifer Vandermeer
Subject: FW: John St. Wastewater Pumping Station EA- External Technical Advisory Committee Invitation
Attachments: 039946_John Street WWPS EA_NOCm.pdf; 039946_John Street WWPS EA_NOCm Ex-TAC_Response Form.pdf; 039946_John Street WWPS EA_NOCm Ex-TAC Invitation Letter_CRAA.pdf

Hello John,

As per our phone conversation this morning, I am forwarding the follow up email sent to CRAA general email last month. I have also attached the Ex-TAC invitation letter included in the package that was mailed to CRAA mid-March 2017.

The project team is happy to have you as an External Technical Committee (Ex-TAC) member and looks forward to hearing your views, comments, and any potential concerns you might have regarding this project and the alternative approaches, any time, as well as during the upcoming Ex-TAC meetings. These meeting would provide the Project team to share more specifics on the projects and the potential alternatives, and hear you valuable input.

Thank you,

Warm regards,
Avid

From: Avid Banihashemi
Sent: Thursday, May 18, 2017 3:29 PM
To: 'info@craa.on.ca'
Cc: Jennifer Vandermeer
Subject: John St. Wastewater Pumping Station EA- External Technical Advisory Committee Invitation

Hello Mr. Kendell,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment (in Georgetown). A copy of the Notice of Commencement for the project is attached.

This email is to follow up in regards to the Notice of Commencement and the Project Response Form that was sent out mid-March 2017. If you have any concerns about the project, or would like to be part of the External Technical Advisory Committee (Ex-TAC), please complete the form attached and return at your earliest convenience.

The Ex-TAC mandate is to be a forum for more in-depth discussion of the key study issues, concerns or solutions, and to provide advice to the Study Team. As part of the Ex-TAC, requested involvement may include the following:

- Stakeholder contact throughout the project duration (about 1 year);
- Anticipated two half-day workshops likely to be held in June & August 2017;

The role of Ex-TAC is advisory, with no voting to be undertaken.

Your contact information is part of the project contact list, and you will receive notices as the study progresses, unless indicated otherwise. Please feel free to contact us should you have any more comments or questions.

Sincerely,

The John St. WWPS EA Project Team

Avid Banihashemi

From: Avid Banihashemi
Sent: Monday, September 18, 2017 3:46 PM
To: 'Oli Hajny'
Cc: 'johnkendell@rogers.com'; 'Oberoi, Sanjeev'; 'info@craa.on.ca'
Subject: John St. WWPS EA - Ex-TAC Meeting Invitation
Attachments: 039946_John Street WWPS EA_NOCm.pdf

Good afternoon Mr. Hajny,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment in Georgetown, ON (Notice of Study Commencement attached).

This email is to follow up in regards to your indication of interest to be part of John St. Class EA External Technical Advisory Committee and to invite you to attend the John St. Class EA Ex-TAC meeting on October 13th, 2:00pm-4:00pm, at 8140 Fifth Line North, Georgetown- Hornby Room.

This meeting will be the planned half-day Ex-TAC workshop which provides the Study Team and the Ex-TAC members with the opportunity to have a more in-depth discussion of the key study issues, concerns, or solutions, and the Ex-TAC members to provide advice to the Study Team. The role of Ex-TAC is advisory, with no voting to be undertaken.

Kindly please confirm your attendance by 29th September and feel free to contact us should you have any comments or questions.

Sincerely,
The John St. WWPS EA Project Team

Avid Banihashemi

From: Oberoi, Sanjeev <Sanjeev.Oberoi@halton.ca>
Sent: Thursday, November 16, 2017 12:22 PM
To: 'oli.hajny@yahoo.ca'; 'johnkendell@rogers.com'; 'info@craa.on.ca'
Cc: Avid Banihashemi; Jeff Langlois
Subject: John St. WWPS EA

Follow Up Flag: Follow up
Flag Status: Flagged

Good Afternoon John and Oli

Further to the email below regarding the John Street Class EA project, please note that a Public Information Centre (PIC) for this Class EA Study is schedule for November 30, 2017 and you will receive a separate notification for this in the mail.

Thanks,
Sanjeev

Sanjeev Oberoi, P.Eng.

Project Manager II

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7921 | 1-866-442-5866



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From: Credit River Anglers Assoc. [<mailto:craa97@rogers.com>]
Sent: Wednesday, October 11, 2017 4:38 PM
To: Avid Banihashemi; Oli Hajny
Subject: Re: John St. WWPS EA- Rescheduled Meeting with CRAA

Hi Avid,

No problem from our end – let Oli and I know when you have some meeting dates to discuss.

Thanks,

John Kendell
CRAA

From: [Avid Banhashemi](#)
Sent: Thursday, October 5, 2017 10:16 AM
To: [Oli Hajny](#)
Cc: johnkendell@rogers.com ; info@craa.on.ca
Subject: RE: John St. WWPS EA- Rescheduled Meeting with CRAA

Good morning Oli,

On behalf of the Regional Municipality of Halton, I would like to respectfully reschedule the previously arranged meeting on 17th October, 2017 regarding John St. WWPS EA. The Region would like to gather more information regarding the Credit River Valley section that falls in the John St. WWPS EA study area, and therefore the Project Team would like meet CRAA at a later date.

We highly appreciate your involvement with the John Street WWPS EA Project Team and will send another invitation for a rescheduled meeting on a different date shortly.

Please feel free to contact us should you have any comments or questions.

Sincerely,
The John St. WWPS EA Project Team

Avid Banhashemi
Environmental Project Manager

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: 800-265-9662 Direct: 226-486-1562

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Thank you.

From: Avid Banhashemi
Sent: Monday, October 02, 2017 9:43 AM
To: 'Oli Hajny'
Cc: 'johnkendell@rogers.com'; 'info@craa.on.ca'
Subject: John St. WWPS EA- Rescheduled Meeting with CRAA

Good morning Oli,

On behalf of the Regional Municipality of Halton, I am writing in regards to the John St. Wastewater Pumping Station Class Environmental Assessment in Georgetown, ON (Notice of Study Commencement attached).

This email is to follow up in regards to your indication of interest to be part of John St. Class EA External Technical Advisory Committee. Respectfully, the Region would like to reschedule the previously noted Ex-TAC meeting with you on 13th October 2017. The project team would like to suggest meeting with CRAA on your previously indicated availability on 17th October 2017, 2:00pm-4:00 pm.

This meeting will provide the Study Team and the CRAA with the opportunity to have a more in-depth discussion of the key study issues, concerns, or solutions, and CRAA to provide advice to the Study Team.

Kindly please let us know if this date and time would still work for you.

Please feel free to contact us should you have any comments or questions.

Sincerely,
The John St. WWPS EA Project Team

From: Oli Hajny [<mailto:oli.hajny@yahoo.ca>]
Sent: Monday, August 28, 2017 3:05 PM
To: Avid Banihashemi; sanjeev.oberoi@halton.ca
Subject: John St. WWPS EA-Ex-TAC Meeting

Gentlemen,
My date of preference for the above meeting is
October 17 @ 2:00 - 4:00.
Regards
Oli Hajny
CRAA

Avid Banihashemi

From: Jennifer Vandermeer
Sent: Tuesday, June 12, 2018 1:47 PM
To: Oberoi, Sanjeev; Jeff Langlois; Avid Banihashemi
Cc: Kevin Butt; Nicholle Smith; Peter DeCarvalho
Subject: RE: comments received from Region's Legal and Planning department (LPS)

Good afternoon Sanjeev,

The boundary of the NHS will most likely need to be delineated in the field by a qualified ecologist with the appropriate approval agencies e.g. Region, CVC, MNRF, but this effort can only be completed during detailed design when a more accurate boundary of proposed works around the emergency outflow location is known such that the impacts to the NHS can be properly assessed.

Therefore, we have updated the report to include a brief note in Section 4 that the area around the proposed emergency outflow pipe falls with the Region's NHS and also provided the following commitment in the PFR:

- The boundary of the Natural Heritage System (NHS) within the Study Area will be confirmed during the detailed design phase of the project by a qualified ecologist and through consultation with applicable review agencies. Once the boundary is confirmed and the limit of proposed works / area of disturbance for the emergency outflow pipe is known, specific impacts to the NHS can be identified and any measures to mitigate such impacts will be established in consultation with applicable review agencies.

Best regards,
Jennifer

Jennifer Vandermeer, P.Eng.
Environmental Assessment Lead

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: 800-265-9662 Direct: 226-486-1559

From: Oberoi, Sanjeev [mailto:Sanjeev.Oberoi@halton.ca]
Sent: Tuesday, June 12, 2018 12:30 PM
To: Jennifer Vandermeer <Jennifer.Vandermeer@rjburnside.com>; Jeff Langlois <Jeff.Langlois@rjburnside.com>; Avid Banihashemi <Avid.Banihashemi@rjburnside.com>
Cc: Kevin Butt <Kevin.Butt@rjburnside.com>; Nicholle Smith <Nicholle.Smith@rjburnside.com>; Peter DeCarvalho <Peter.DeCarvalho@rjburnside.com>
Subject: RE: comments received from Region's Legal and Planning department (LPS)

Hi Jenn,

We agree with your response except "The Study Area does not fall within the Halton Region Natural Heritage System (NHS) area; thus, no impacts to the Region's NHS will occur as a result of this project".

We confirmed that the emergency overflow pipe will fall within the Halton Region Natural Heritage System (NHS) area.

Please include discussion regarding this in the Section 4 of the PFR.

Thanks,

From: Jennifer Vandermeer [<mailto:Jennifer.Vandermeer@rjburnside.com>]
Sent: Tuesday, June 12, 2018 11:46 AM
To: Oberoi, Sanjeev; Jeff Langlois; Avid Banihashemi
Cc: Kevin Butt; Nicholle Smith; Peter DeCarvalho
Subject: RE: comments received from Region's Legal and Planning department (LPS)

Good morning Sanjeev,

We offer following responses to Sustainable Planning staff comments, see responses in **green text** below. I have copied some of our ecology staff on this response for their records.

Best regards,
Jennifer

Jennifer Vandermeer, P.Eng.
Environmental Assessment Lead

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: 800-265-9662 Direct: 226-486-1559

From: Oberoi, Sanjeev [<mailto:Sanjeev.Oberoi@halton.ca>]
Sent: Monday, June 11, 2018 4:45 PM
To: Jeff Langlois <Jeff.Langlois@rjburnside.com>; Jennifer Vandermeer <Jennifer.Vandermeer@rjburnside.com>; Avid Banihashemi <Avid.Banihashemi@rjburnside.com>
Subject: comments received from Region's Legal and Planning department (LPS)
Importance: High

Fyi, As recommended by Liam(CVC), Please see below the comments received from Region's Legal and Planning department (LPS) regarding the John Street Class EA project.

Could you please address these comments in the PFR.
Thanks,

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From: Ireland, Heather
Sent: Monday, June 11, 2018 4:02 PM
To: Oberoi, Sanjeev
Cc: Clark, Richard; Ali, Gena
Subject: RE: Environmental Review - John Street Wastewater Pumping Station Schedule B Municipal Class Environmental Assessment Project File -

Hi Sanjeev,

Sustainable Planning staff has received on June 11, 2018 the above-noted Environmental Assessment and we can provide the following comments for your consideration.

Halton Region has undertaken a Municipal Class Environmental Assessment (Municipal Class EA) Study that will consider a wide range of WWPS and/or collection system upgrade alternatives, in order to address a variety of deficiencies outlined in the *John Street Wastewater Pumping Station Schedule B Municipal Class Environmental Assessment Project File Report prepared by R.J. Burnside & Associates Limited (dated April 2018)*.

The proposed site alteration is located on lands that are within Halton's Natural Heritage System and are entirely designated Regional Natural Heritage System on Map 1 of 2009 ROP. Additionally, the lands contain or are adjacent to:

- Features identified as Key Features, as illustrated on Map 1G of the 2009 ROP, including:
 - o Significant woodlands
 - o Potential habitat of endangered or threatened species
 - o Potential significant wildlife habitat
 - o Potential fish habitat
 - Areas identified as enhancement area, linkage and buffer, as illustrated on Map 1G of the 2009 ROP.
 - Watercourses and floodplain areas regulated by Credit Valley Conservation Authority.
 - Areas identified as Significant Groundwater Recharge Areas and Highly Vulnerable Aquifer Areas within the April 2015 Credit Valley Source Protection Region Assessment Report.
 - Areas identified as Greenbelt Protected Countryside and Urban River System on Schedule 4 of the provincial Greenbelt Plan (2017).
1. CVC staff provide environmental advisory services to the Region and Town in relation to the protection of certain natural heritage features and areas and natural hazard management. Regional staff has reviewed CVC staff's comments of June 7, 2018 and are in general support of them. It is recommended that CVC staff comments relating to the protection of natural heritage featured and areas and natural hazard management be addressed to their satisfaction.

CVC staff comments relating to protection of natural heritage features and natural hazard management are addressed in the Project File Report (PFR). A commitment has been included in the PFR noting:

"The proposed emergency outflow will be constructed using trenchless techniques in the vicinity of the embankments and natural corridor along the Credit River so as to mitigate potential impacts to the natural environment. The exact construction method will be finalized during detailed design."

2. **Section 6.1** – the Halton Region Official Plan Natural Heritage System (NHS) Policies and mapping should be included in the background documentation and analyze of the study area and possible impacts, if any, to the NHS.

The Study Area does not fall within the Halton Region Natural Heritage System (NHS) area; thus, no impacts to the Region's NHS will occur as a result of this project.

3. Given the location of the proposed works in relation to the Regional Natural Heritage System, the Region has concerns with potential impacts to the adjacent significant woodlands. We request clarification of the locations of the proposed works/area of disturbance (including outlet, access and stockpiling), property boundaries, dripline and appropriate mitigation measures. Please provide documentation/plans delineating these features and areas and, if available, provide confirmation that there will be no negative impacts to the significant woodlands which includes residual impacts to the root systems of the trees from the proposed works. We understand that the plans for the emergency overflow will be completed at the detailed design stage along with a Tree Preservation Plan.

Upon review of the Region's OP and Town of Halton Hill's OP, the woodland community within the Study Area may meet the definition of Significant Woodlands. The PFR has been updated to include a commitment to confirm the presence of Significant Woodlands during the detailed design phase of the project by a qualified ecologist and through consultation with the Halton Region Forester. Impacts to trees will be clearly identified during detailed design once an accurate boundary for the proposed works / area of disturbance is known and mitigation measures will be included as part of the design plans. General mitigation measures for the protection of adjacent woodland habitats / features in the Study Area are provided in the Section 8.2 of the PFR.

4. In addition, if removals are proposed, implementation of the Region's Tree Canopy Replacement Policy (LPS31008) will be required. The applicant will need to prepare a Preservation Plan which demonstrates how the Region's Tree Canopy Replacement policies are being addressed to the satisfaction of the Regional Forester. We encourage the application of the replacement ratio contained in the Tree Canopy Replacement Policy for all trees.

The PFR has been updated to ensure that the Tree Preservation Plan will be prepared in accordance with the Region's Tree Canopy Replacement Policy.

5. A Significant Wildlife Habitat evaluation should also be completed as part of the assessment.

A Significant Wildlife Habitat was completed as part of this assessment and is included in Appendix A1, Section 5 of the PFR.

6. Staff note that the subject area is in proximity to records of an Endangered Species in the area, therefore staff recommend that consultation with the Ministry of Natural Resources and Forestry (MNRF) be undertaken to determine if the regulated habitat of this species is on the property or if there are any requirements under the Endangered Species Act.

The Project Team has consulted with MNRF during the course of this study to obtain any records of endangered species in the Study Area and consult about appropriate mitigation / compensation plans. Other than bat Species at Risk (SAR), there are no endangered or threatened SAR in the Study Area. Consultation with MNRF on SAR are included in Appendix F5, MNRF Section of the PFR.

We trust that these comments are sufficient and should you have any questions or concerns, please do not hesitate to contact either Richard Clark or myself.

Regards,

From: Oberoi, Sanjeev
Sent: Monday, June 11, 2018 2:36 PM
To: Ireland, Heather
Subject: RE: Natural Heritage Study

Hi Heather,

Please find attached the draft PFR sent to review agencies for their review. The PFR appendix section is saved @ O:\Infrastructure Planning & Policy IP2\Water_Wastewater Planning\PROJECTS-CURRENT\John St WWPS EA\Project File Report\April 26.

Please let me know if you require more info.

Thanks,

From: Ireland, Heather
Sent: Monday, June 11, 2018 2:32 PM
To: Oberoi, Sanjeev
Subject: RE: Natural Heritage Study

Sanjeev,

Can you please forward me the *Submission Letter, the Draft PFR, and the Draft PFR Appendices* that was sent to the agencies.

Thank you,

Heather Ireland
Environmental Planner
Planning Services
Legislative & Planning Services
Halton Region
905-825-6000, ext. 3054 | 1-866-442-5866



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From: Oberoi, Sanjeev
Sent: Monday, June 11, 2018 2:29 PM
To: Ireland, Heather
Subject: Natural Heritage Study

Hi Heather,

As per our discussions, please find attached the memo received from CVC and also the email from OMNRF suggesting the inclusion of Natural Heritage Study as a commitment in the Project File Report.

Thanks,

Sanjeev Oberoi, P.Eng., PMP

Project Manager II

Infrastructure Planning & Policy

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