



APPENDIX D

STUDY DOCUMENTATION



PUBLIC INFORMATION CENTRE No. 1

To be the most livable town in Canada.

Published: Oakville Beaver
May 22, 2014 and May 29, 2014

Notice of Study Commencement and Open House (Public Information Centre #1)

Coronation Park Drainage Improvements Municipal Class Environmental Assessment Study

**Wednesday, June 4, 2014
6 – 8 p.m.**

**Queen Elizabeth Park Community and Cultural Centre
Multi-Purpose Room #1/2
2302 Bridge Road, Oakville L6L 2G6**

The Town of Oakville has initiated a Municipal Class Environmental Assessment (EA) study to assess various drainage improvements within the Coronation Park Community area. The study is intended to develop a comprehensive drainage improvement plan for the Coronation Park Community that will address current drainage concerns.

Your input is important!

We appreciate your feedback and we encourage you to get involved. A key component of the study will be consultation with interested stakeholders, the public, land owners and regulatory agencies.

This notice advises the public of the first of two open houses (Public Information Centres) planned for this study. Representatives of the Town of Oakville and its consultant will be available to discuss the study, answer questions and obtain input on locations of local drainage concerns. This is an informal drop-in opportunity to review the study background information, problems being addressed, and provide your input on drainage concerns and the alternatives being considered.

The study will be conducted in compliance with Section A.2.7 Master Plans, as defined in the Municipal Engineers Association (MEA) Municipal Class EA document (October 2000, as amended in 2007 and 2011), which is an approved process under the *Ontario Environmental Assessment Act*. The study will address Phases 1 and 2 of the Class EA process, and fulfill requirements for Schedule B projects.

Questions, comments or accessibility needs?

Please contact either one of the following project representatives if you would like further information on the project, or if you have any questions or comments.

If you have any accessibility needs, please let us know as soon as possible by contacting one of the project representatives below or by filling out the accessible online feedback form on oakville.ca.

For more information on this study, please visit oakville.ca and search for Coronation Park.

Kasia Piskorz

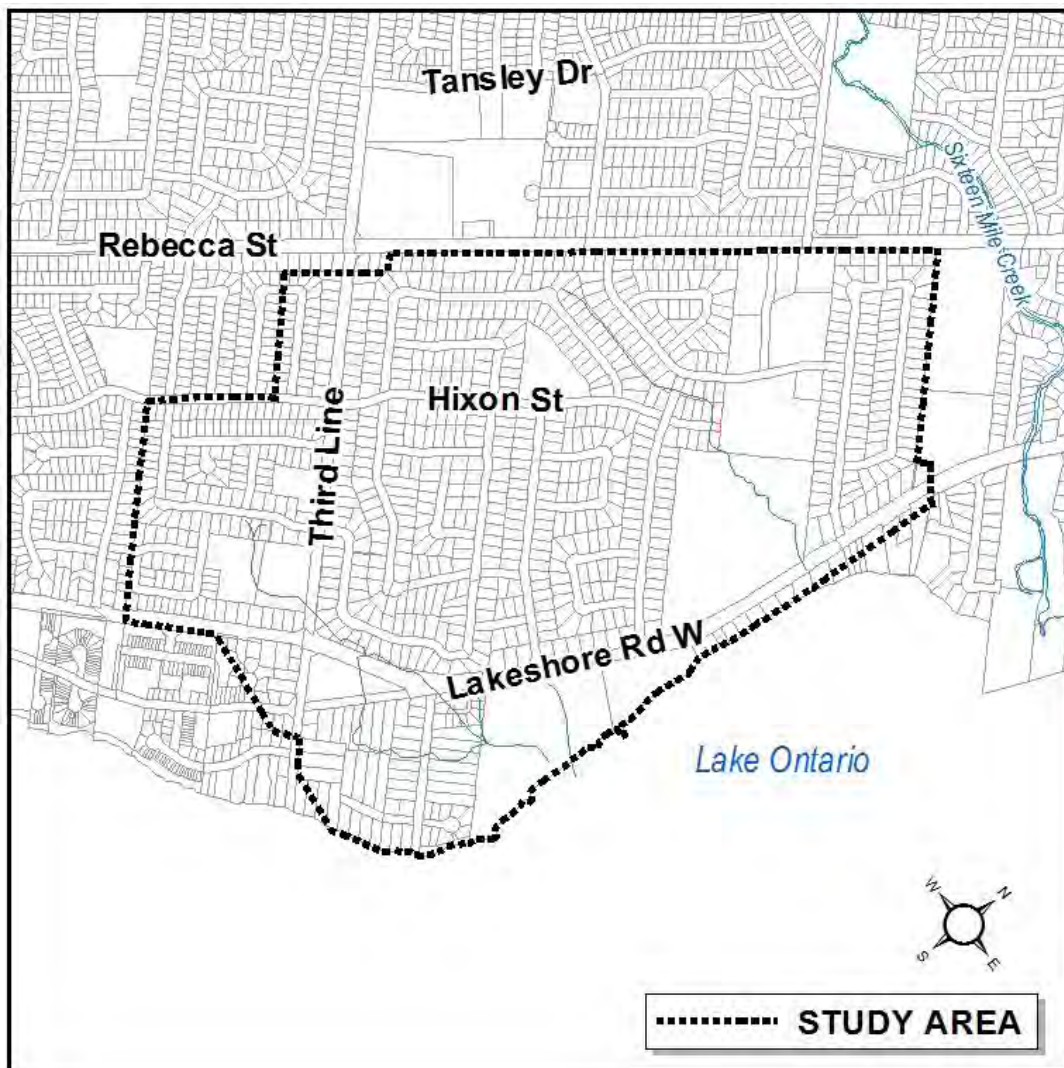
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
905-845-6601, ext. 3533
(TTY: 905-338-4200)
kasia.piskorz@oakville.ca

Steve Chipps

AMEC Environment & Infrastructure
3215 North Service Road, P.O. Box 220
Burlington, ON L7R 3Y2
905-335-2353
(TTY: 905-338-4200)
steve.chipps@amec.com

Comments are collected under the authority of the *Environmental Assessment Act* for the purpose public consultation and will become part of the public record. If you have any questions regarding this collection of information please contact Kasia Piskorz, at 905-845-6601, ext. 3533 or at kasia.piskorz@oakville.ca

This notice first issued on May 22, 2014





OAKVILLE

May 22, 2014

**RE: Notice of Study Commencement and Public Information Centre #1
Coronation Park Drainage Improvements Class Environmental Assessment**

Dear Sir / Madam:

The Town of Oakville has initiated a Municipal Class Environmental Assessment (EA) study to assess various drainage improvements within the Coronation Park Community area. The study is intended to develop a comprehensive drainage improvement plan for the Coronation Park Community that will address current drainage concerns. The purpose of this letter is to inform you of the Class EA study and to invite you to provide comments. Details of the study are provided in the attached *Notice of Study Commencement and Public Information Centre # 1*.

A key component of the study will be consultation with interested stakeholders (public, landowners and regulatory agencies). Two Public Information Centres (PICs) will be held to provide interested parties with an opportunity to review and discuss issues related to the project. The first PIC is to be held as follows:

Date: Wednesday, June 4, 2014

Time: 6:00 p.m. to 8:00 p.m.

Location: Queen Elizabeth Park Community and Cultural Centre, Multi-Purpose Room #1/2, 2302 Bridge Road, Oakville, ON L6L 2G6

Anyone with an interest in this study is invited to attend and participate. If you cannot attend and would like to provide comments, please forward them by June 18, 2014 to either address below.

To request additional information or provide comments about the study, please complete the enclosed "fax-back" form or contact the undersigned.

Yours truly,

Kasia Piskorz, P. Eng
Project Leader – Capital Projects, Engineering & Construction

c.c. Steve Chipps, AMEC Environment & Infrastructure

Enclosures: Notice of Commencement and Public Information Centre #1
Fax Back Form



FAX BACK FORM

(Please respond by June 18, 2014)

To: Kasia Piskorz
Fax: 905-338-4159
E-mail: kasia.piskorz @oakville.ca

RE: Coronation Park Drainage Improvements
Municipal Class Environmental Assessment Study
Notice of Study Commencement and Public Information Centre #1

NAME: _____
DATE _____
TITLE: _____
AGENCY: _____
ADDRESS: _____
POSTAL CODE: _____
PHONE: _____
FAX: _____
E-MAIL: _____

Please indicate the appropriate response.

- We have no concerns and do not need to be involved in this study.
- We have no concerns at this time, but wish to remain on the contact list for this study.
- We have the following comment(s) and/or information requirements.

To be the most livable town in Canada.

Notice of Study Commencement and Open House (Public Information Centre #1)

Coronation Park Drainage Improvements Municipal Class Environmental Assessment Study

**Wednesday, June 4, 2014
6 – 8 p.m.**

**Queen Elizabeth Park Community and Cultural Centre
Multi-Purpose Room #1/2
2302 Bridge Road, Oakville L6L 2G6**

The Town of Oakville has initiated a Municipal Class Environmental Assessment (EA) study to assess various drainage improvements within the Coronation Park Community area. The study is intended to develop a comprehensive drainage improvement plan for the Coronation Park Community that will address current drainage concerns.

Your input is important!

We appreciate your feedback and we encourage you to get involved. A key component of the study will be consultation with interested stakeholders, the public, land owners and regulatory agencies.

This notice advises the public of the first of two open houses (Public Information Centres) planned for this study. Representatives of the Town of Oakville and its consultant will be available to discuss the study, answer questions and obtain input on locations of local drainage concerns. This is an informal drop-in opportunity to review the study background information, problems being addressed, and provide your input on drainage concerns and the alternatives being considered.

The study will be conducted in compliance with Section A.2.7 Master Plans, as defined in the Municipal Engineers Association (MEA) Municipal Class EA document (October 2000, as amended in 2007 and 2011), which is an approved process under the *Ontario Environmental Assessment Act*. The study will address Phases 1 and 2 of the Class EA process, and fulfill requirements for Schedule B projects.

Questions, comments or accessibility needs?

Please contact either one of the following project representatives if you would like further information on the project, or if you have any questions or comments.

If you have any accessibility needs, please let us know as soon as possible by contacting one of the project representatives below or by filling out the accessible online feedback form on oakville.ca.

For more information on this study, please visit oakville.ca and search for Coronation Park.

Kasia Piskorz

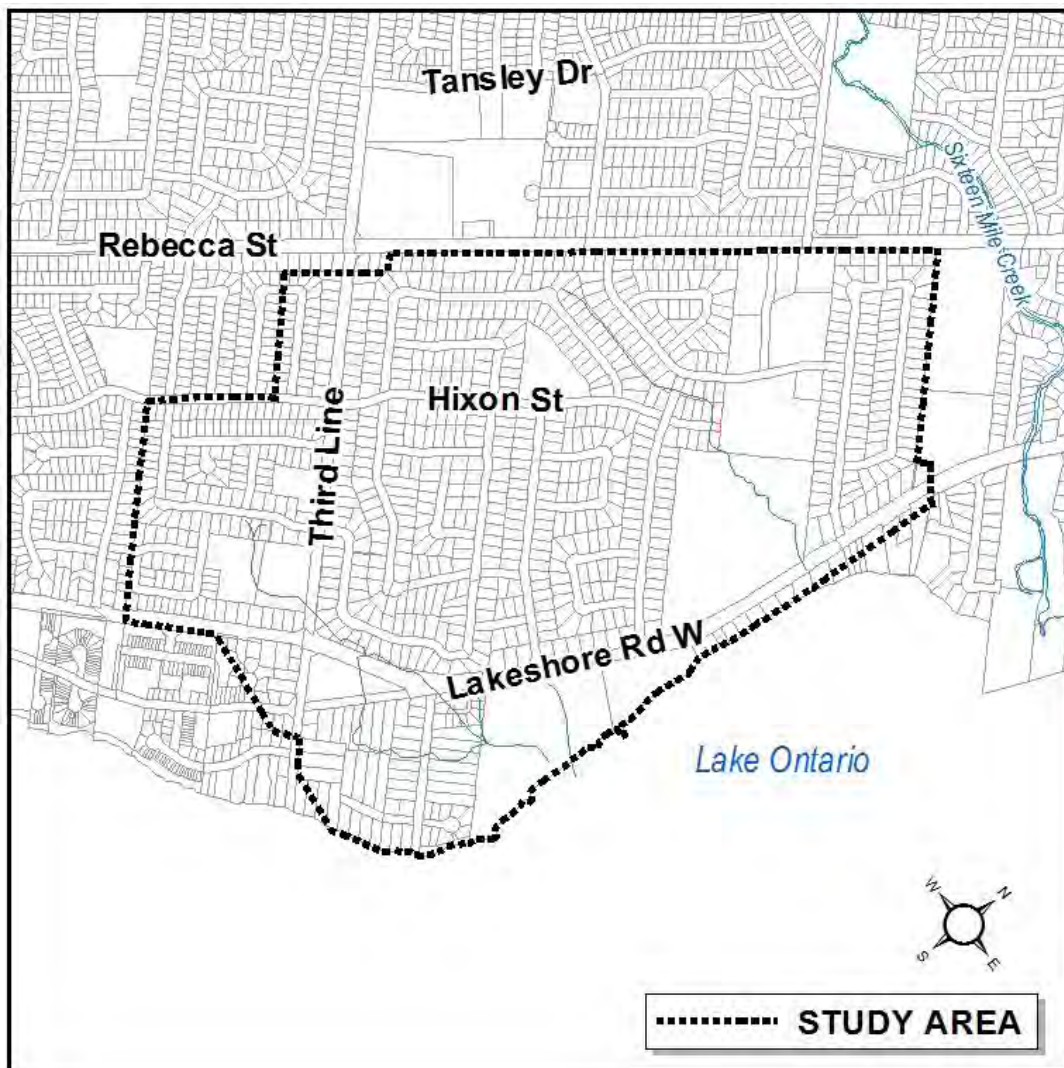
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
905-845-6601, ext. 3533
(TTY: 905-338-4200)
kasia.piskorz@oakville.ca

Steve Chipps

AMEC Environment & Infrastructure
3215 North Service Road, P.O. Box 220
Burlington, ON L7R 3Y2
905-335-2353
(TTY: 905-338-4200)
steve.chipps@amec.com

Comments are collected under the authority of the *Environmental Assessment Act* for the purpose public consultation and will become part of the public record. If you have any questions regarding this collection of information please contact Kasia Piskorz, at 905-845-6601, ext. 3533 or at kasia.piskorz@oakville.ca

This notice first issued on May 22, 2014



Category	Notice of Commencement & PIC #1	PIC # 2 Notice	Notice of Completion	Organization	Department	Position	Address	City	Province	Postal Code	Telephone	Fax	Email
First Nations and Aboriginal	Letter plus Notice			Six Nations of Grand River Territory		Chief	1695 Chiefswood Road, PO Box 5000	Ohsweken	ON	N0A 1M0			
First Nations and Aboriginal	Letter plus Notice			Metis National Council		President	4-340 MacLaren Street	Ottawa	ON	K2P 0M6			
First Nations and Aboriginal	Letter plus Notice			Metis Nations of Ontario		Metis Consultation Unit	500 Old St Patrick St., Unit D	Ottawa	ON	K1N 9G4	613-798-1488	613-722-4225	
First Nations and Aboriginal	Letter plus Notice			Assembly of First Nations		AFN Regional Chief, Ontario	109 Mission Road	Thunder Bay	ON	P7J 1K7			
First Nations and Aboriginal	Letter plus Notice			Alderville First Nation		Chief	PO Box 46, R.R. #4, 11696 2nd Lind Road	Alderville	ON	K0K 2X0			
First Nations and Aboriginal	Letter plus Notice			Aboriginal Affairs and Northern Development Canada	Consultation & Accommodation Unit	Chief	10 Wellington Street, 5H- 5th Floor	Gatineau	QC	K1A 0H4			UCA-CAU@aadnc-aandc.gc.ca
First Nations and Aboriginal	Letter plus Notice			Ministry of Aboriginal Affairs	Consultation Unit	Chief	160 Bloor Street East, 9th floor	Toronto	ON	M7A 2E6			maa.ea.review@ontario.ca
First Nations and Aboriginal	Letter plus Notice			Association of Iroquois and Allied Indians		Director of Intergovernmental Affairs	387 Princess Avenue	London	ON	N6B 2A7			
First Nations and Aboriginal	Letter plus Notice			Chiefs of Ontario Office			111 Peter Street Suite 804	Toronto	ON	M5V 2H1			
First Nations and Aboriginal	Letter plus Notice			Credit River Métis Council		President	10A Bram Court, Unit 4	Brampton	ON	L6W 4R1			
First Nations and Aboriginal	Letter plus Notice			Williams Treaty First Nation		Claims Coordinator	8 Creswick Court	Barrie		L4M 2J7			
First Nations and Aboriginal	Letter plus Notice			Haudenosaunee Confederacy, Chiefs Council		Secretary	2634 6th Line Road, RR#2	Oksweken	ON	N0A 1M0			
First Nations and Aboriginal	Letter plus Notice			Mississaugas of the New Credit First Nation		Chief	2789 Mississauga Road, R.R. 6	Hagersville	ON	N0A 1M0			
First Nations and Aboriginal	Letter plus Notice			Peel Aboriginal Network/Circle of Directors		Chair	200 Britannia Road East, Unit 3A	Mississauga	ON	L4Z 1S6			
First Nations and Aboriginal	Letter plus Notice			Union of Ontario Indians		President	1 Migizli Miikan, PO Box 711	North Bay	ON	P1B 8J8			
First Nations and Aboriginal	Letter plus Notice			Ministry of the Attorney General		Aboriginal Legal Issues Office Crown Law Office-Civil,	720 Bay Street, 8th Floor	Toronto	ON	M5G 2K1			
Municipal	Notice only			Town of Oakville		CAO	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-338-4252	905-815-2001	
Municipal	Notice only			Town of Oakville	Engineering & Construction	Director	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-845-6601	905-815-2001	
Municipal	Notice only			Town of Oakville	Design & Construction	Manager	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-338-4424	905-338-4159	
Municipal	Notice only			Town of Oakville	Parks and Open Space	Director	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-845-6601 ext 3111	905-338-4188	
Municipal	Notice only			Town of Oakville	Road and Works Operations	Director	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-845-6601 ext 3315	905-338-4227	
Municipal	Notice only			Town of Oakville	Planning Services	Director	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-845-6020	905-338-4414	
Municipal	Notice only			Town of Oakville	Development Engineering	Director	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-845-6020 ext 3320	905-338-4414	
Municipal	Notice only			Town of Oakville	Strategy, Policy and Communication	Director	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-845-6020 ext 3038	905-338-4259	
Municipal	Notice only			Town of Oakville	Recreation and Culture	Director	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-845-6020 ext 3112	905-338-4188	
Municipal	Notice only			Town of Oakville	Ward 2	Councillor	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-815-6001		
Municipal	Notice only			Town of Oakville	Ward 2	Councillor	1225 Trafalgar Road	Oakville	ON	L6H 0H3			
Municipal	Notice only			Town of Oakville	Ward 1	Councillor	1225 Trafalgar Road	Oakville	ON	L6H 0H3			
Municipal	Notice only			Town of Oakville	Ward 1	Councillor	1225 Trafalgar Road	Oakville	ON	L6H 0H3			
Municipal	Notice only			Town of Oakville	Parks and Open Space	Manager	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-845-6601 ext 3148	905-338-4188	
Provincial	Letter plus Notice			Ministry of the Environment	Central Region	EA and Planning Coordinator	5775 Yonge Street, 9th Floor	Toronto	ON	M2M 4J3	416-326-4886		
Provincial	Letter plus Notice			Ministry of the Environment	Environmental Assessment Services	Supervisor	12A-2 St. Clair Avenue West	Toronto	ON	M4V 1L5			
Provincial	Letter plus Notice			Ministry of Tourism, Culture and Sport	Cultural Services Unit, Program and Services Branch	Heritage Planner	401 Bay Street, Suite 1700	Toronto	ON	M7A 0A7	416-212-4019		
Provincial	Letter plus Notice			Ministry of Natural Resources	Aurora District Office	District Planner	50 Bloomington Road West	Aurora	ON	L4G 0L8			
Provincial	Letter plus Notice			Ministry of Infrastructure		Environmental Advisor	1 Dundas Street West, Suite 2000	Toronto	ON	M5G 2L5	416-212-3768		
Provincial	Letter plus Notice			Ministry of Agriculture and Food	Environmental and Land Use Policy	Rural Planner	6484 Wellington Road 7	Elora	ON	N0B 1S0	519-846-3393		
Provincial	Letter plus Notice			Conservation Halton	Watershed Engineering	Manager	2596 Britannia Road West	Burlington	ON	L7P 0G3		905-336-7014	
Provincial	Letter plus Notice			Conservation Halton		Environmental Planner	2597 Britannia Road West	Burlington	ON	L7P 0G4		905-336-6684	
Regional	Letter plus Notice			Halton Region	Halton Ecological and Environmental Advisory	Senior Planner - Environmental	1151 Bronte Road	Oakville	ON	L6M 3L1	905-825-6000 Ext. 7214		
Regional	Letter plus Notice			Halton Region	Public Works	Commissioner of Public Works	1151 Bronte Road	Oakville	ON	L6M 3L1	905-825-6000 ext. 7699		
Regional	Letter plus Notice			Halton Region	CAO's Office	Chief Administrative Officer	1151 Bronte Road	Oakville	ON	L6M 3L1	905-825-6000		
Regional	Letter plus Notice			Halton Region	Public Works	Manager of Water Planning Services	1151 Bronte Road	Oakville	ON	L6M 3L1	905-825-6000		
Regional	Letter plus Notice			Halton Region	Public Works	Manager Wastewater Planning	1151 Bronte Road	Oakville	ON	L6M 3L1	905-825-6000		
Regional	Letter plus Notice			Halton Region	Public Works	Manager Water Design & Construction	1151 Bronte Road	Oakville	ON	L6M 3L1			
Regional	Letter plus Notice			Halton Region	Public Works	Manager Wastewater Design & Construction	1151 Bronte Road	Oakville	ON	L6M 3L1			
Utilities	Letter plus Notice			Bell Canada		Manager - Right-Of-Way	100 Borough Drive	Scarborough	ON	M1P 4W2			
Utilities	Letter plus Notice			Bell Canada		Manager of Implementation	20 Hunter Street West, 6th Floor	Hamilton	ON	L8N 3H2			
Utilities	Letter plus Notice			Cogeco Cable Systems			1200 Burloak Drive, P.O. Box 5076 Station Main	Burlington	ON	L7R 4S6			
Utilities	Letter plus Notice			Cogeco Cable		Planning Co-ordinator	695 Lawrence Road	Hamilton	ON	L8K 6P1			
Utilities	Letter plus Notice			Inter Provincial Pipeline Ltd.		Manager	801 Upper Canada Drive, P.O. Box 128	Sarnia	ON	N7T 7H8			
Utilities	Letter plus Notice			Blink Communications		Director of Facilities and Infrastructure	861 Redwood Square, P.O. Box 1900	Oakville	ON	L6J 5E3			
Utilities	Letter plus Notice			Hydro One Networks		Manager, Environmental Services	483 Bay Street	Toronto	ON	M5G 2P5			
Utilities	Letter plus Notice			Oakville Hydro Corporation		Director	861 Redwood Square, P.O. Box 1900	Oakville	ON	L6J 5E3			
Utilities	Letter plus Notice			Telus		Planner	82 Locus Street	Kitchener	ON	N2H 1W9			
Utilities	Letter plus Notice			TransCanada Pipelines			11200 Weston Road, P.O. Box 790	Maple	ON	L6A 1S7			
Utilities	Letter plus Notice			TransCanada Pipelines		Coordinator - Crossing and Facilities	45 Vogell Road, Suite 310	Richmond Hill	ON	L4B 3P6			
Utilities	Letter plus Notice			TransCanada Pipelines		Senior Right-of-Way Agent	11200 Weston Road, P.O. Box 790	Maple	ON	L6A 1S7			
Utilities	Letter plus Notice			Union Gas		Construction Project Team Lead	360 Strathearn Avenue N, P.O. Box 10	Hamilton	ON	L8N 3A5			
Utilities	Letter plus Notice			Enbridge Gas Distribution Inc.		Manager, Special Projects	500 Consumers Rd., 4th Floor	North York	ON	M2J 1P8			
Utilities	Letter plus Notice			Rogers Cable T.V. Ltd.		Planning Team Manager	3573 Wolfedale Road	Mississauga	ON	L5C 3T6			
Other	Emailed Letter plus Notice			Hopedale Residents Association									sclark-gamus@blaney.com
Other	Emailed Letter plus Notice			Coronation Park Residents Association									gamiknight@aol.com
Other	Emailed Letter plus Notice			Bronte Village Residents Association									oliver14@cogeco.ca
Other	Emailed Letter plus Notice			Oakville Green Conservation Association Inc. (OCA)					ON		289-813-1568		president@oakvillegreen.org
Other	Letter plus Notice			Oakville Chamber of Commerce		President	700 Kerr Street Suite 200	Oakville	ON	L6K 3W5	905-845-6613		
Other	Letter plus Notice			Halton Region	Halton Regional Forest Stewardship Advisory	Regional Forester	1151 Bronte Road	Oakville	ON	L6M 3L1	905-825-6000		
Other	Letter plus Notice			Halton Catholic District School Board	Director's Office		802 Drury Lane	Burlington			1-800-741-8382		
Other	Letter plus Notice			Halton District School Board		Manager of Planning	PO Box 5005 STN LCD 1	Burlington	ON	L7R 3Z2			
Other	Letter plus Notice			Trout Unlimited Canada		University of Guelph	50 Stone Road East, Axelrod Building, Room 270	Guelph	ON	N1G 2W1			

Public Information Centre # 1
Coronation Park Drainage Improvements
Town of Oakville

June 4, 2014

Municipal Class Environmental Assessment



Why We're Here

- The Town is undertaking a Class Environmental Assessment (Class EA) Study for the drainage improvements within the Coronation Park Community.
- The purpose of this Public Information Centre (PIC) is to obtain input from public of drainage issues within the study area

Problem Statement

- The study will identify and confirm drainage issues (i.e. standing water within ditches, deteriorating driveway culverts, minor ditch erosion and inadequate flow capacity) and develop preferred solutions to address these issues (such as storm sewer capital projects) within the Coronation Park Community

Municipal Class Environmental Assessment

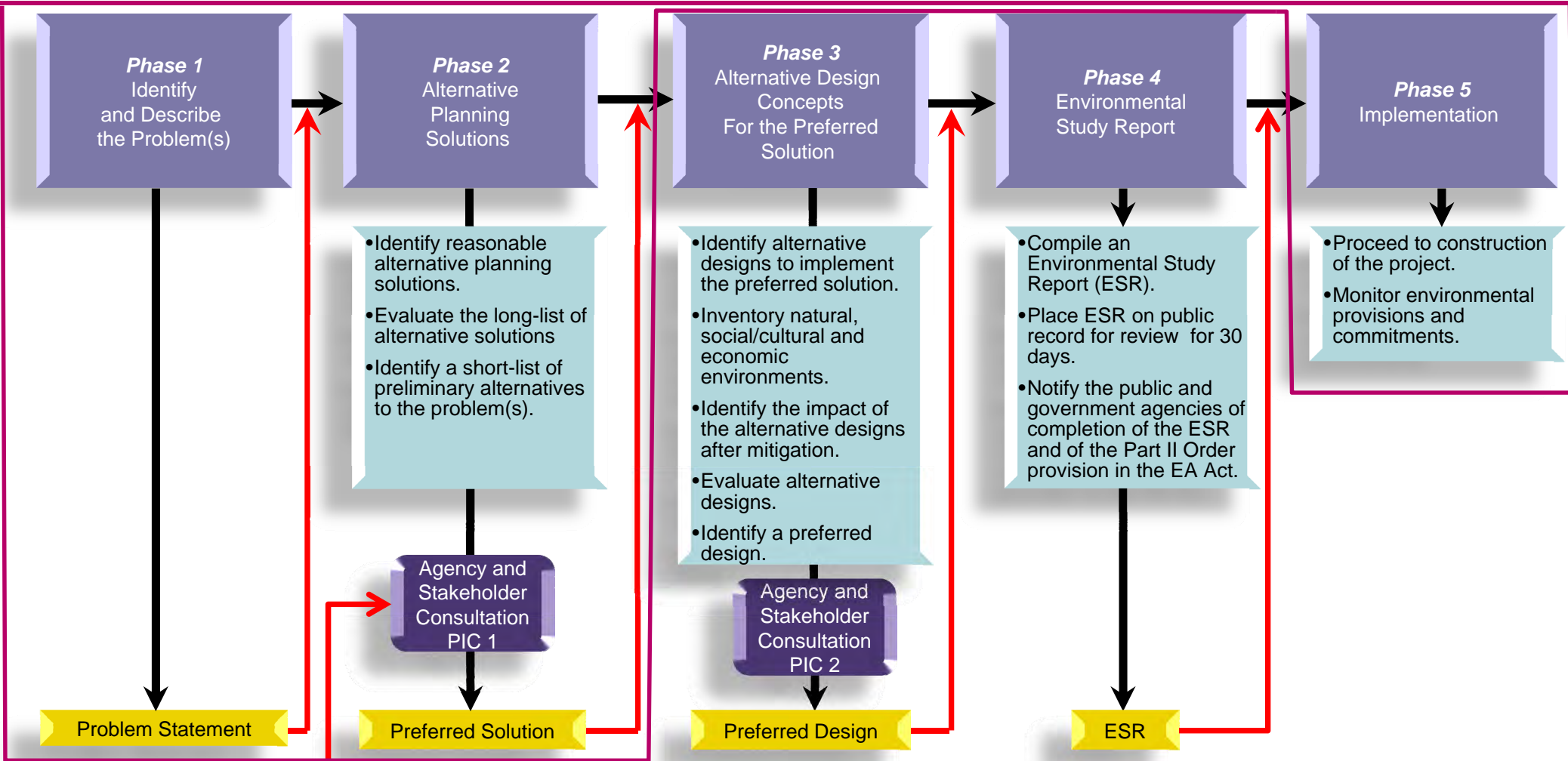
- The study will be conducted as a Master Plan, as defined in the Municipal Engineers Association Municipal Class EA document (2013), which is an approved process under the Ontario Environmental Assessment Act. The study will address Phases 1 and 2 of the Class EA process, and fulfill requirements for Schedule B projects



Coronation Park Drainage Improvements



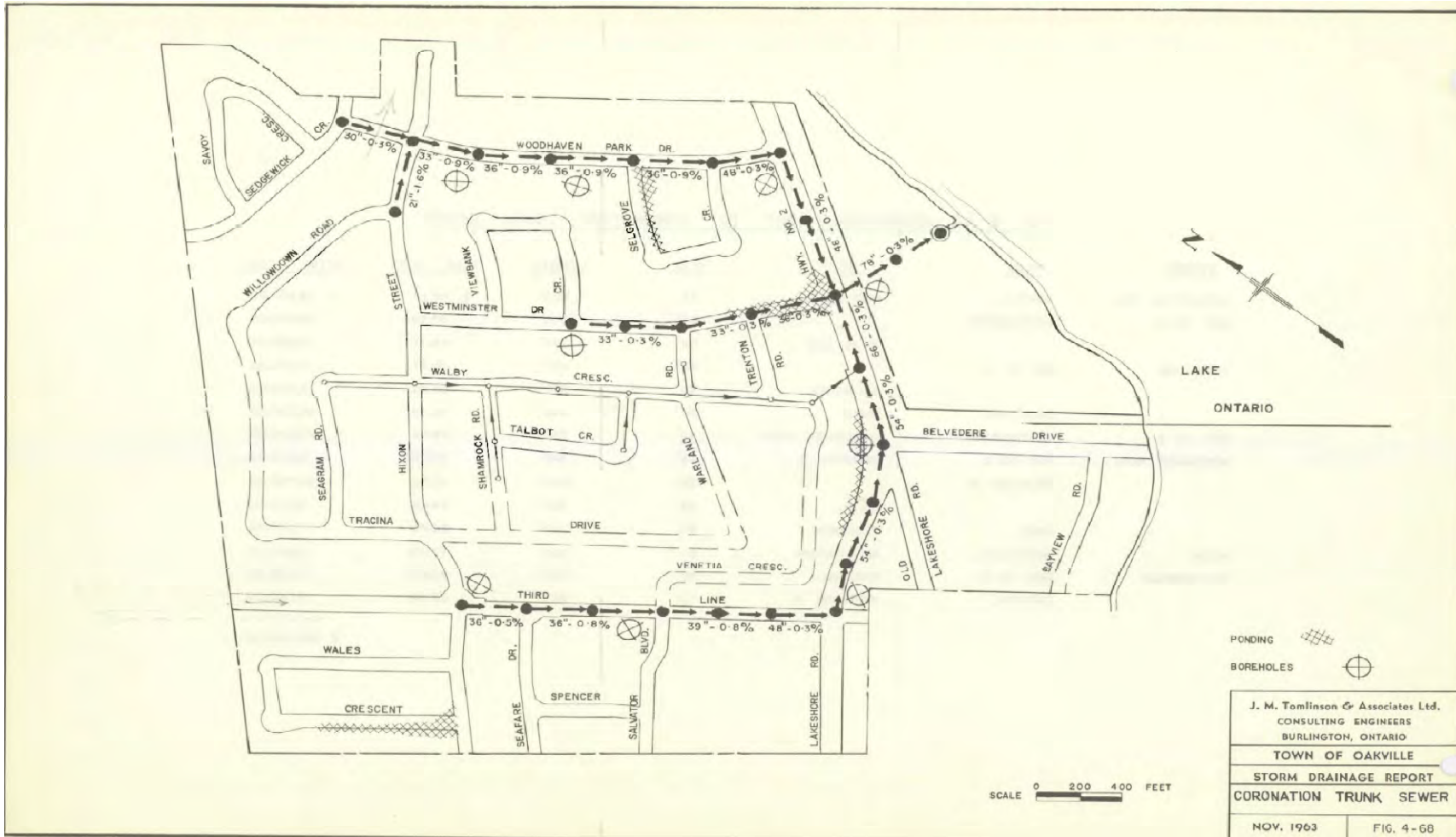
Municipal Class EA Process



We Are Here

The Master Plan Process will include Phases 1 and 2 of the Municipal Class EA Process, and will include a 30 day review of the Master Plan

- The 1963 Tomlinson Report proposed a storm sewer system, most of which remains unbuilt



Existing Land Use

- Older neighbourhood of typically well vegetated large detached residential lots
- Residential intensification resulting in new homes with significantly larger footprints

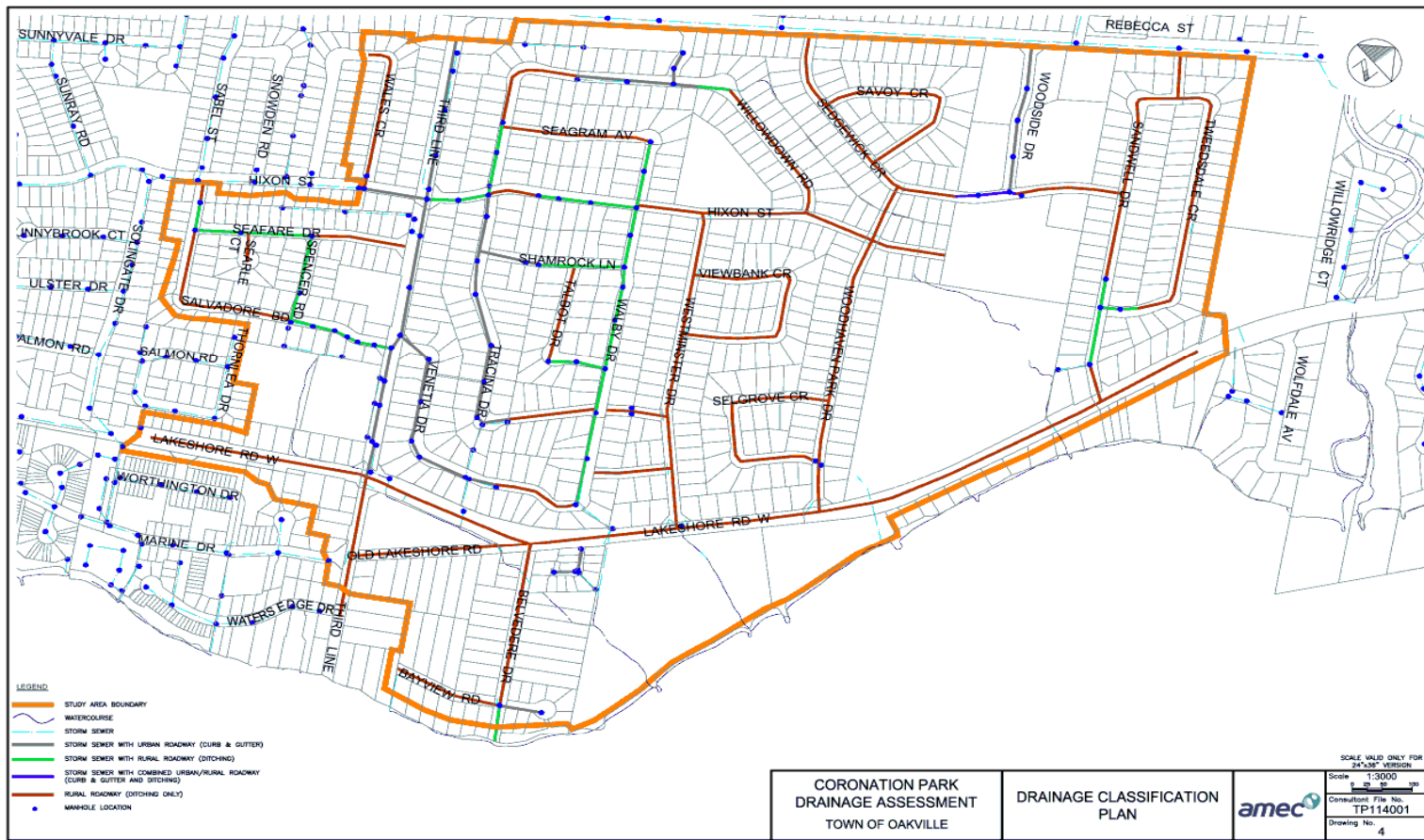
Physiography and Soils

- Study area characterized by coarse-textured deposits of sand, gravel, minor silt and clay
- Limited geotechnical reports available for the area indicate poorly draining soils

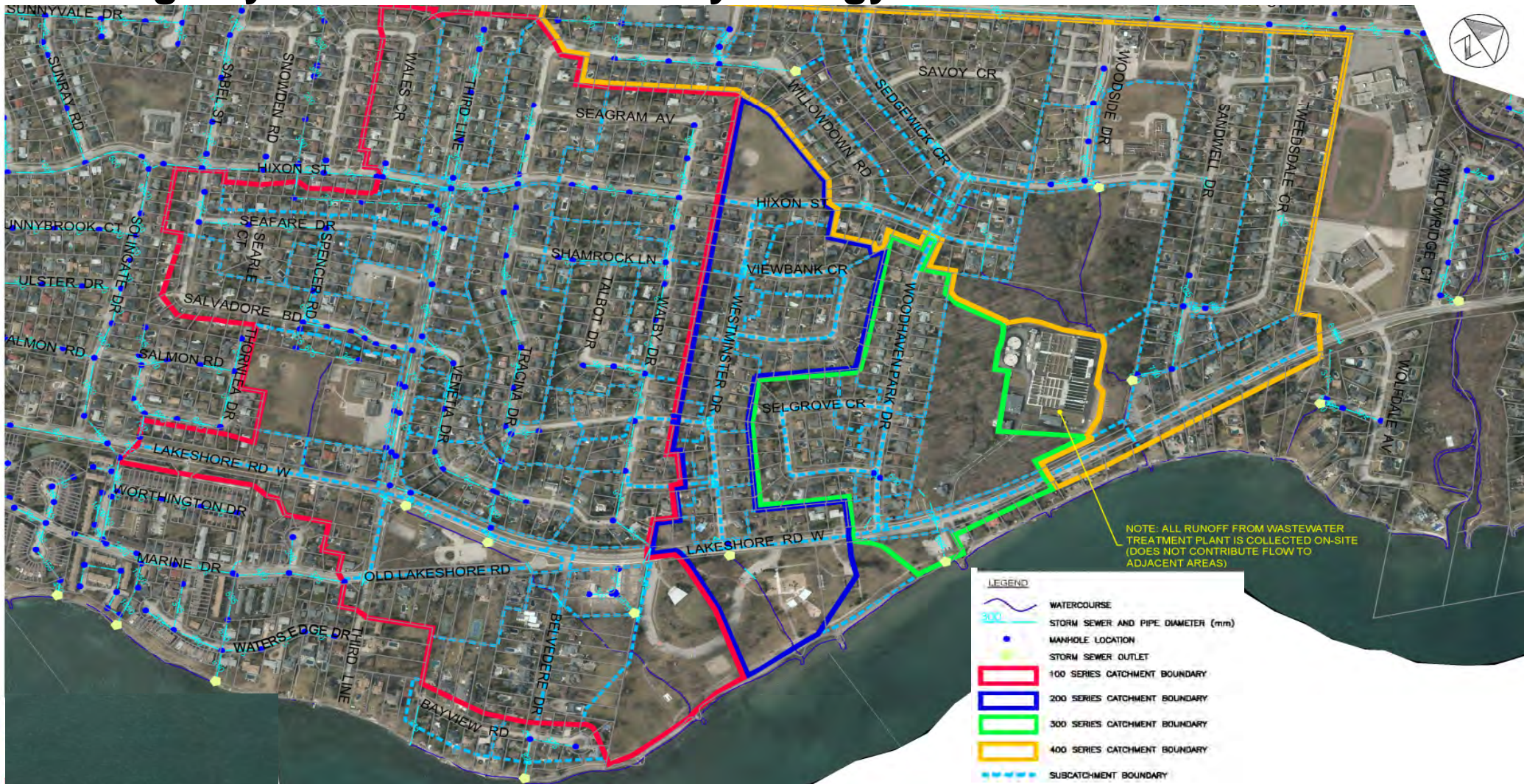


Drainage

- Variety in roadway drainage types urban (curb and gutters) with storm sewers, semi urban (ditches with storm sewers) and rural (ditches only)



Drainage System Assessment - Hydrology

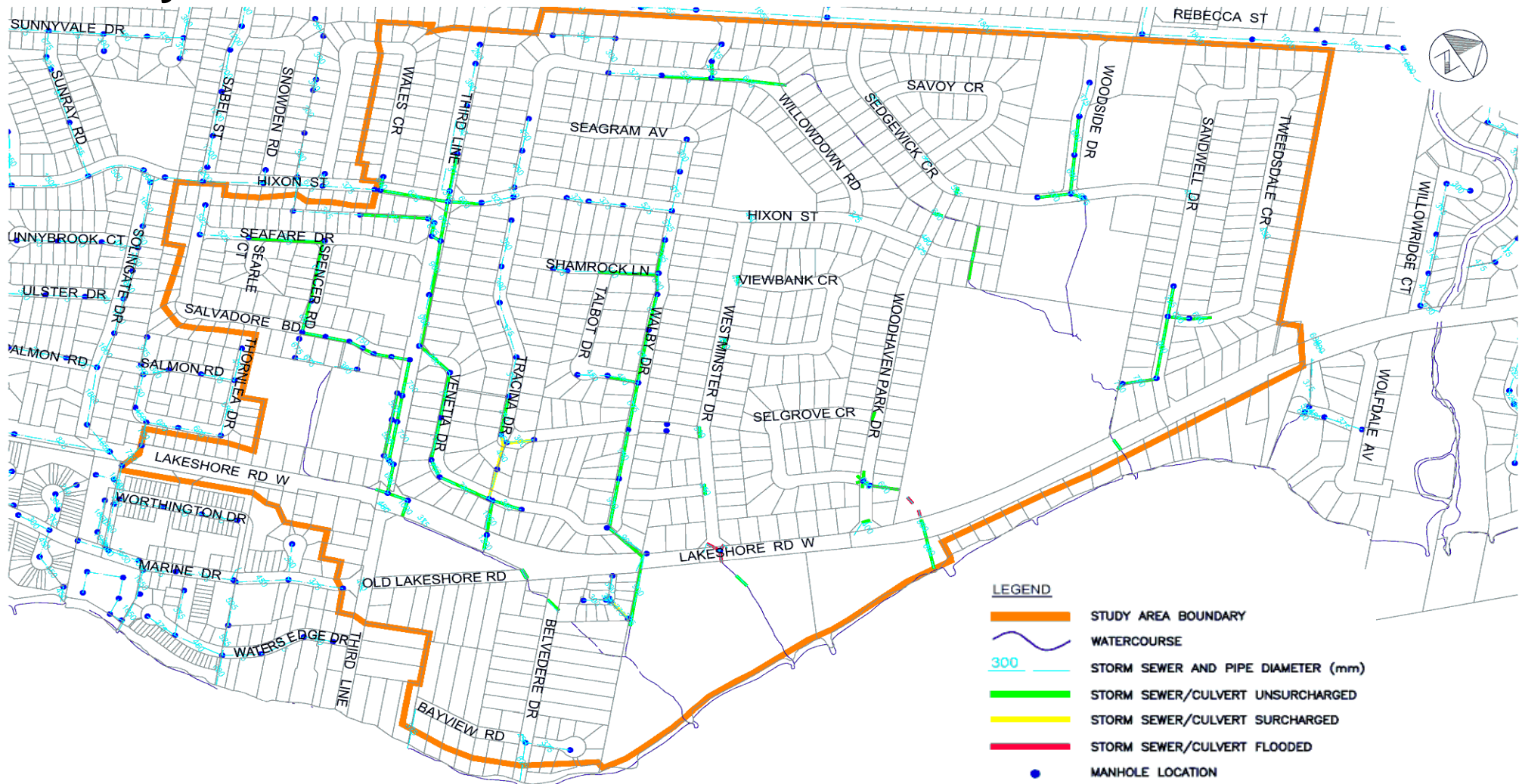


Drainage System Assessment - Hydraulics

- Drainage system conveyance includes both the minor system (storm sewers) and the major system (roadways, ditches, channels)
- Drainage system assessed using the following standard criteria:
 - Minor System (1 in 5 Year Storm)
 - *Unsurcharged (Flow contained within pipe - Town of Oakville standard)*
 - *Surcharged (Flow above top of pipe but below ground surface)*
 - *Flooded (Flow above top of pipe to ground surface)*
 - Major System - Roadside ditches and Channels (1 in 100 Year Storm)
 - *Flow within the ditch/channel (standard requirement)*
 - *Flow out of ditch/channel (i.e. above centreline of road)*
 - Major System - Roadways with Curb and Gutter (1 in 100 Year Storm)
 - *Flow below centreline of road (Vehicle passage feasible)*
 - *Flow above the centreline of road (Vehicle passage impacted)*

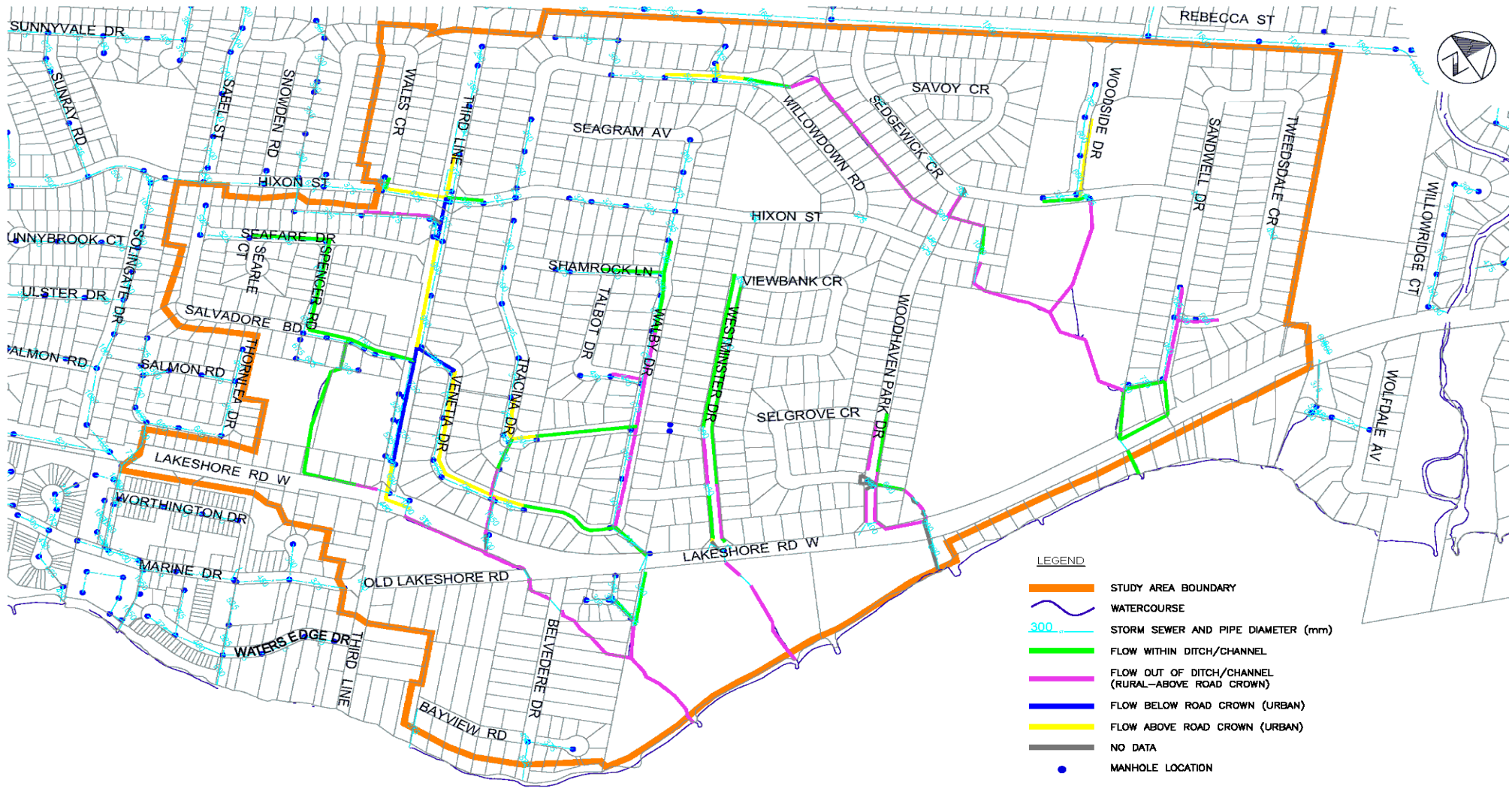


Minor System Assessment - 5 Year Storm Event





Major System Assessment - 100 Year Storm Event



Drainage System Assessment Results

- Minor System results (5 Year storm) indicate storm sewers and culverts generally perform to Town standards, with following exceptions:
 - *Culvert crossing between Tracina Drive and Venetia Drive - surcharging*
 - *Culvert crossing of Lakeshore Road from Westminster Drive - flooding*
 - *Culvert outlet from Woodhaven Park Drive at WWTP property - flooding*
- Major System results (100 Year storm) indicate some excessive ponding depths, primarily at roadway sag points; including:
 - *Third Line (Urban) - sag point north of Venetia Drive*
 - *Tracina Drive (Urban) - sag point west of Walby Drive*
 - *Venetia Drive (Urban) - sag point west of Walby Drive*
 - *Walby Drive (Semi-Urban) - flows exceeding ditch capacity but below crown*
 - *Westminster Drive (Rural) - high simulated depths but contained in ditch based on survey data*

Local Drainage and Erosion Issues

- Numerous other local issues identified as part of site reconnaissance
- Further public input will assist in identifying other areas of concern



Storm Water Quality Assessment

- Development constructed well before Provincial requirements for storm water quality treatment
- One recent infill development has the only formal storm water quality treatment system within study area
- Informal water quality treatment provided by the numerous ditches/grassed swales within the study area; quantum is unknown as compared to Provincial standards

Erosion

- Localized minor erosion within roadside ditches and minor to moderate erosion within channels
- Minor erosion immediately downstream of certain storm sewer outfalls



The following alternatives have been considered as part of a long-list to address the deficiencies associated with both the minor and major drainage system performance. (Those alternatives identified with a check mark have been carried forward for further consideration.)

Long-List of Alternatives	Minor	Major
1. Do Nothing	✓	✓
2. Increase size of storm sewers and culverts	✓	✓
3. Super pipes to provide flow control (storm sewer)		
4. On-site Stormwater Management (SWM) for private properties		
5. Off-line storage areas within available public spaces		
6. Retrofit existing SWM facilities to provide additional flow control		
7.A Minor- Flow diversions (local inter-catchment)	✓	
7.B Major- Modify grading on private property to mitigate flooding		✓
8.A Minor- Roof leader/foundation drain disconnection		
8.B Major- Modify grading with road right-of-way to mitigate flooding		✓
9. Low Impact Development Best Management Practices (LID BMPs)	✓	
10. New drainage system outlets (new storm sewer systems)	✓	
11. Combinations	✓	✓

Alternative 1: “Do Nothing”

- Serves as a baseline condition to compare the technical performance of all other alternatives and is required by the Municipal Class EA process
- This alternative does not provide measures to reduce or mitigate the existing problems, conditions and risks

Alternative 2: Increase size of storm sewers and culverts

- Most effective for addressing minor system issues (less effective for major system), although possible issues with respect to cost and existing utility conflicts, as well as required ground cover



Alternative 7A: Flow Diversions

- Considered applicable for storm sewer system only
- Assumes nearby storm sewer system with sufficient additional capacity and that a diversion is physically possible given grades and utilities

Alternative 7B and Alternative 8B: Modify grading on private property (7B) or public property (8B) to mitigate flooding

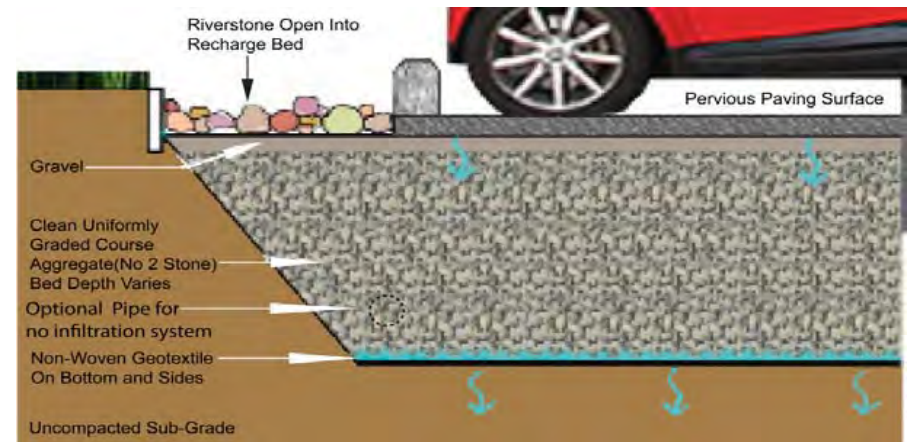
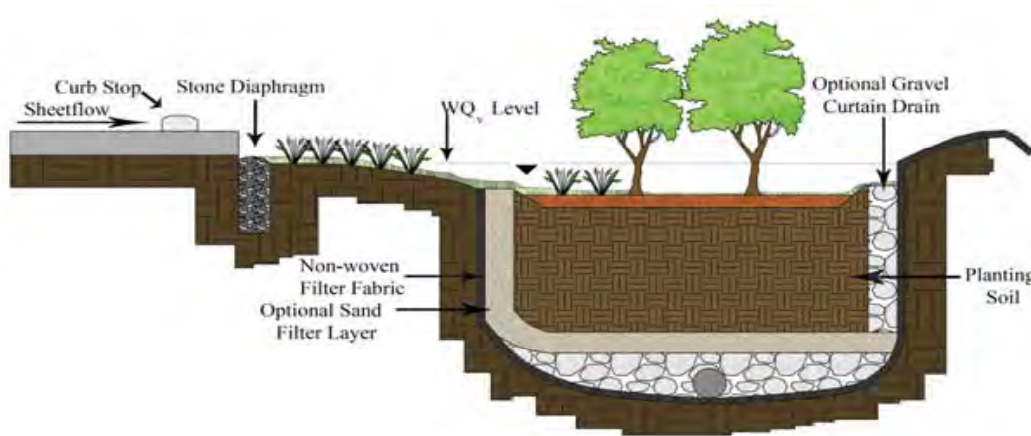
- Private property grading more difficult given ownership issues
- Intended to reduce or eliminate flooding from open channels by regrading
- Grading in regulated areas may require a cut/fill balance and approval from Conservation Halton





Alternative 9: Low Impact Development Best Management Practices (LID BMPs)

- Considered appropriate for minor system issues only as well as water quality
- Constrained by site-specific limitations (such as available space, grading, utilities, soils, groundwater levels, etcetera)
- Can be applied within both public and private lands

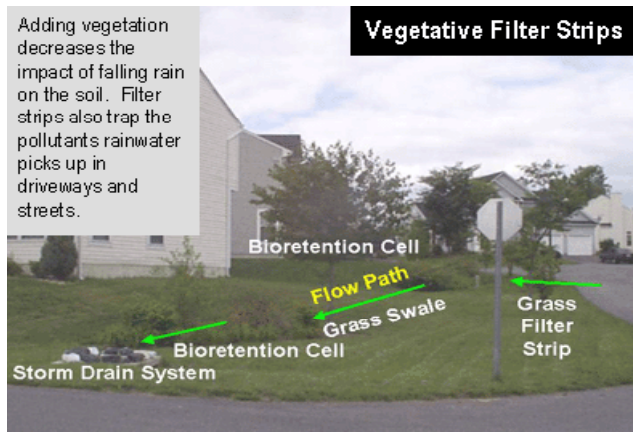


Alternative 10: New Drainage System Outlets - (New Storm Sewers)

- Considered appropriate for minor system issues only, some benefit in addressing major system issues
- Where grades and locations are suitable; should be considered further

Alternative 11: Combinations

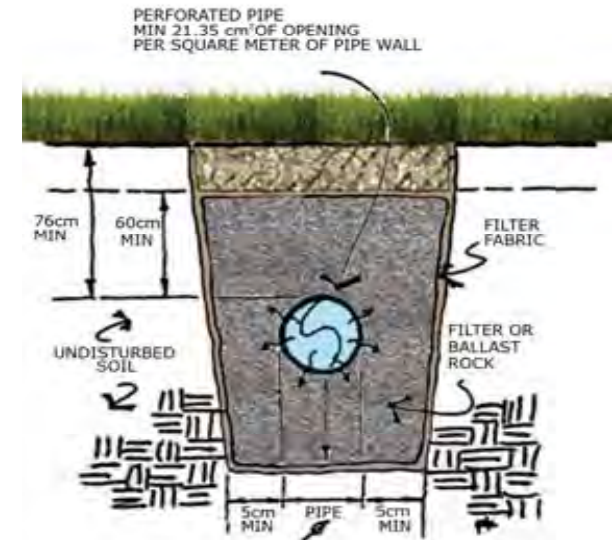
- Likely appropriate for both minor and major system issues where no single alternative is sufficient to fully address identified issues





- Water quality measures that could be considered include the following:
 - *Implement storm water management facilities in public spaces*
 - *Oil/grit separators*
 - *Retrofit existing roadside ditches*
 - *Low Impact Development Best Management Practices (LID BMPs)*

- Erosion control measures that could be considered include the following:
 - *Reduce the magnitude and duration of erosion causing flows to minimize future erosion (i.e. LID / BMPs)*
 - *Provide erosion treatments (vegetation, protective stone, etcetera) to limit future erosion*



- Receive public comments by June 18, 2014
- Review and consider public comments and confirm or refine short listed alternatives
- Complete detailed performance analyses of short listed alternatives
- Finalize preferred solution to improve drainage system
- Second Public Information Centre to present preferred solution
- Review and consider public comments and confirm or refine preferred solution
- Prepare, document and file description of preferred solutions in a Master Plan document for a 30 day public review period

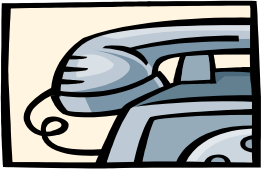
Please complete a comment sheet

- By mail, phone, fax or e-mail



Kasia Piskorz
Project Leader
Town of Oakville

1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Email: kasia.piskorz@oakville.ca



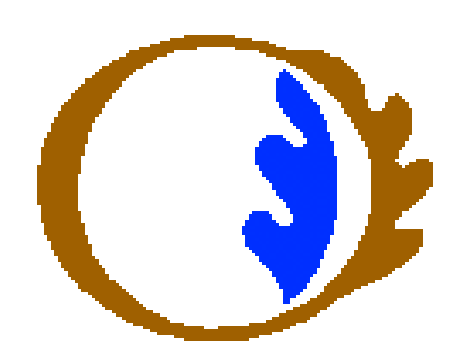
Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure

3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-886-751-2353
Fax: 905-335-1414
Email: steve.chipps@amec.com

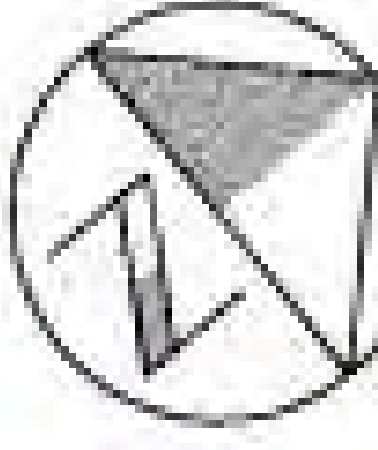


Please submit comments no later than
June 18, 2014

Thank you for your participation!



Local Drainage and Erosion Issues



LEGEND

- STUDY AREA BOUNDARY
- WATERCOURSE
- STORM SEWER AND PIPE DIAMETER (mm)
- MANHOLE LOCATION
- STORM SEWER OUTFALL
- ▲ MINOR EROSION NOTED
- ▲ MODERATE EROSION NOTED
- DAMAGED OR OBSTRUCTED CULVERT (DRIVEWAY)
- DAMAGED OR OBSTRUCTED CULVERT (ROADWAY)
- FLOW OBSTRUCTION
- STANDING WATER IN DITCH/CHANNEL
- MODELLED CAPACITY DEFICIENCY (STORM SEWER/CULVERT)
- MODELLED CAPACITY DEFICIENCY (OVERLAND FLOW)

BOARD FENCE
BLOCKING CHANNEL

LACK OF ROAD SIDE
DITCH ON SOUTH SIDE
OF LAKESHORE ROAD

BLOCKAGE OF
WATERCOURSES AT LAKE
ONTARIO DUE TO MATERIAL
WASHING ON SHORE

NOTE:
DRIVEWAY CULVERT & STUDYING WATER
OBSERVATION BASED ON FIELD RECONNAISSANCE.
ADDITIONAL INFORMATION FROM PUBLIC TO BE ADDED.



FAX BACK FORM

(Please respond by June 18, 2014)

To: Kasia Piskorz
 Fax: 905-338-4159
 E-mail: kasia.piskorz@oakville.ca

RE: Coronation Park Drainage Improvements
 Municipal Class Environmental Assessment Study
 Notice of Study Commencement and Public Information Centre #1

NAME: Darlene Presley
 DATE: May 26/14
 TITLE: _____
 AGENCY: TransCanada Pipelines Limited
 ADDRESS: C/O Lehman & Associates
 POSTAL CODE: _____
 PHONE: _____
 FAX: _____
 E-MAIL: darlene@lehmanplan.ca

Please indicate the appropriate response.

- We have no concerns and do not need to be involved in this study.
- We have no concerns at this time, but wish to remain on the contact list for this study.
- We have the following comment(s) and/or information requirements.



OAKVILLE

FAX BACK FORM

(Please respond by June 18, 2014)

To: Kasia Piskorz
 Fax: 905-338-4159
 E-mail: kasia.piskorz@oakville.ca

RE: Coronation Park Drainage Improvements
 Municipal Class Environmental Assessment Study
 Notice of Study Commencement and Public Information Centre #1

NAME: BRENDA KINGSMILL
 DATE: _____
 TITLE: _____
 AGENCY: _____
 ADDRESS: _____
 POSTAL CODE: _____
 PHONE: _____
 FAX: _____
 E-MAIL: _____

Please indicate the appropriate response.

- We have no concerns and do not need to be involved in this study.
- We have no concerns at this time, but wish to remain on the contact list for this study.
- We have the following comment(s) and/or information requirements.

Halton is occupying Coronation Park from Dec 2013
to Aug/Sept 2017



OAKVILLE

HALTON REGION
MAY 26 2014
PLANNING SERVICES

May 22, 2014

Manager of Water Design & Construction, Public Works
Halton Region
1151 Bronte Road
Oakville, ON L6M 3L1

**RE: Notice of Study Commencement and Public Information Centre #1
Coronation Park Drainage Improvements Class Environmental Assessment**

Dear Sir / Madam:

The Town of Oakville has initiated a Municipal Class Environmental Assessment (EA) study to assess various drainage improvements within the Coronation Park Community area. The study is intended to develop a comprehensive drainage improvement plan for the Coronation Park Community that will address current drainage concerns. The purpose of this letter is to inform you of the Class EA study and to invite you to provide comments. Details of the study are provided in the attached *Notice of Study Commencement and Public Information Centre #1*.

A key component of the study will be consultation with interested stakeholders (public, landowners and regulatory agencies). Two Public Information Centres (PICs) will be held to provide interested parties with an opportunity to review and discuss issues related to the project. The first PIC is to be held as follows:

Date: Wednesday, June 4, 2014
Time: 6:00 p.m. to 8:00 p.m.
Location: Queen Elizabeth Park Community and Cultural Centre, Multi-Purpose Room #1/2, 2302 Bridge Road, Oakville, ON L6L 2G6

Anyone with an interest in this study is invited to attend and participate. If you cannot attend and would like to provide comments, please forward them by June 18, 2014 to either address below.

To request additional information or provide comments about the study, please complete the enclosed "fax-back" form or contact the undersigned.

Yours truly,

Kasia Piskorz, P. Eng
Project Leader – Capital Projects, Engineering & Construction

c.c. Steve Chippis, AMEC Environment & Infrastructure

Enclosures: Notice of Commencement and Public Information Centre #1
Fax Back Form

To be the most livable town in Canada.

Notice of Study Commencement and Open House (Public Information Centre #1)

Coronation Park Drainage Improvements Municipal Class Environmental Assessment Study

Wednesday, June 4, 2014

6 – 8 p.m.

**Queen Elizabeth Park Community and Cultural Centre
Multi-Purpose Room #1/2
2302 Bridge Road, Oakville L6L 2G6**

The Town of Oakville has initiated a Municipal Class Environmental Assessment (EA) study to assess various drainage improvements within the Coronation Park Community area. The study is intended to develop a comprehensive drainage improvement plan for the Coronation Park Community that will address current drainage concerns.

Your input is important!

We appreciate your feedback and we encourage you to get involved. A key component of the study will be consultation with interested stakeholders, the public, land owners and regulatory agencies.

This notice advises the public of the first of two open houses (Public Information Centres) planned for this study. Representatives of the Town of Oakville and its consultant will be available to discuss the study, answer questions and obtain input on locations of local drainage concerns. This is an informal drop-in opportunity to review the study background information, problems being addressed, and provide your input on drainage concerns and the alternatives being considered.

The study will be conducted in compliance with Section A.2.7 Master Plans, as defined in the Municipal Engineers Association (MEA) Municipal Class EA document (October 2000, as amended in 2007 and 2011), which is an approved process under the *Ontario Environmental Assessment Act*. The study will address Phases 1 and 2 of the Class EA process, and fulfill requirements for Schedule B projects.

Questions, comments or accessibility needs?

Please contact either one of the following project representatives if you would like further information on the project, or if you have any questions or comments.



OAKVILLE

FAX BACK FORM

(Please respond by June 18, 2014)

To: Kasia Piskorz
Fax: 905-338-4159
E-mail: kasia.piskorz @oakville.ca

RE: Coronation Park Drainage Improvements
 Municipal Class Environmental Assessment Study
 Notice of Study Commencement and Public Information Centre #1

NAME: Jackie Van de Valk
DATE: May 28 /14
TITLE: Rural Planner
AGENCY: OMAF + MRA
ADDRESS: Elora, ON
POSTAL CODE:
PHONE:
FAX:
E-MAIL:

Please indicate the appropriate response.

- We have no concerns and do not need to be involved in this study.
- We have no concerns at this time, but wish to remain on the contact list for this study.
- We have the following comment(s) and/or information requirements.



OAKVILLE

FAX BACK FORM

(Please respond by June 18, 2014)

To: Kasia Piskorz
Fax: 905-338-4159
E-mail: kasia.piskorz@oakville.ca

RE: Coronation Park Drainage Improvements
Municipal Class Environmental Assessment Study
Notice of Study Commencement and Public Information Centre #1

NAME: Domenico Renzella
DATE: May 26th, 2014
TITLE: Manager of Planning
AGENCY: Halton District School Board
ADDRESS: 2050 Guelph Line Burlington, ON
POSTAL CODE: L7P-5A8
PHONE: (905) 335-3663
FAX: _____
E-MAIL: renzella.d@hdsh.ca

Please indicate the appropriate response.

- We have no concerns and do not need to be involved in this study.
- We have no concerns at this time, but wish to remain on the contact list for this study.
- We have the following comment(s) and/or information requirements.

From: Litner, Matthew (IO) [<mailto:Matthew.Litner@infrastructureontario.ca>]
Sent: Wednesday, June 04, 2014 11:46 AM
To: Kasia Piskorz
Subject: Coronation Park Drainage Improvements

Hi Kasia,

On behalf of Lisa Myslicki, please refer to attached PDF that highlights next steps **only if** your project impacts lands managed by Infrastructure Ontario.

Thank you,

Matthew Litner

Summer Associate - Environmental Management
Ontario Infrastructure and Lands Corporation
✉ Matthew.Litner@infrastructureontario.ca

June 4, 2014

Thank you for circulating Infrastructure Ontario (formerly the Ontario Realty Corporation) on your Notice. Infrastructure Ontario (IO) is the strategic manager of the provincial government's real estate property with a mandate of maintaining and optimizing value of the portfolio, while ensuring real estate decisions reflect public policy objectives of the government.

As you may be aware, *IO is responsible for managing real estate property that is owned by Her Majesty the Queen in Right of Ontario as represented by the Minister of Infrastructure (MOI)*. There is a potential that IO manages lands that fall within your study area. As a result, your proposal may impact IO managed properties and/or the activities of tenants present on IO-managed lands. In order to determine if IO property is within your study area, IO requires that the proponent of the project conduct a title search by reviewing parcel register(s) for adjoining lands, to determine the extent of ownership by MOI or it's predecessors (listed below) ownership. Please contact IO if any ownership of provincial government lands are known to occur within your study area and are proposed to be impacted. IO is obligated to complete due diligence for any realty activity on IO managed lands and this should be incorporated into all project timelines. IO managed lands can ***include within the title but is not limited to*** variations of the following: Her Majesty the Queen/King, OLC, ORC, Public Works, Hydro One, PIR, MGS, MBS, MOI, MTO, MNR and MEI*. Please ensure that a copy of your notice is also sent to the ministry/agency on title. As an example, if the study area includes a Provincial Park, then MNR is to also to be circulated notices related to your project.

Potential Negative Impacts to IO Tenants and Lands

General Impacts

Negative environmental impacts associated with the project design and construction, such as the potential for dewatering, dust, noise and vibration impacts, and impacts to natural heritage features/habitat and functions, should be avoided and/or appropriately mitigated in accordance with applicable regulations best practices and Ministry of Natural Resources (MNR) and Ministry of the Environment (MOE) standards. Avoidance and mitigation options that characterize baseline conditions and quantify the potential impacts should be present as part of the EA project file. Details of appropriate mitigation, contingency plans and triggers for implementing contingency plans should also be present.

Impacts to Land holdings

Negative impacts to land holdings, such as the taking of developable parcels of IO managed land or fragmentation of utility or transportation corridors, should be avoided. If the potential for such impacts is present as part of this undertaking, you should contact the undersigned to discuss these issues at the earliest possible stage of your study.

If takings are suggested as part of any alternative these should be appropriately mapped and quantified within EA report documentation. In addition, details of appropriate mitigation and or next steps related to compensation for any required takings should be present. IO requests circulation of the draft EA report prior to finalization if potential impacts to IO-managed lands are present as part of this study.

Heritage Management Process & Class Environmental Assessment (EA) Process

Should the proposed activities impact cultural heritage features on IO managed lands, a request to examine cultural heritage issues which can include the cultural landscape, archaeology and places of sacred and secular value could be required. The IO (formerly Ontario Realty Corporation) Heritage Management Process should be used for identifying and conserving heritage properties in the provincial portfolio (this document can be downloaded from the Heritage section of our website: <http://www.ontariorealty.ca/What-We-Do/Heritage.htm>). Through this process, IO identifies, communicates and conserves the values of its heritage places. In addition, the Class EA ensures that IO considers the potential effects of proposed undertakings on the environment, including cultural heritage.

Potential Triggers Related to MOI's Class EA

IO is required to follow the MOI Public Work Class Environmental Assessment Process for (PW Class EA). The PW Class EA applies to a wide range of realty and planning activities including leasing or letting, planning approvals, disposition, granting of easements, demolition and property maintenance/repair. For details on the PW Class EA please visit the Environment and Heritage page of our website found at <http://www.infrastructureontario.ca/What-We-Do/Buildings/Realty-Services/Environmental-Management/Class-EAs/>

Please note that completion of any EA process does not provide an approval for MOI's Class EA obligations. Class EA processes are developed and in place to assess undertakings associated with different types of projects. For example, assessing the impacts of disposing of land from the public portfolio is significantly different then assessing the best location for a proposed road.

IO is providing this information so that adequate timelines and project budgets should consider MOI's regulatory requirements associated with a proposed realty activity in support of a project. Some due diligences processes and studies can be streamlined. For example, prior to any disposition of land, a Stage I Archaeological Assessment is required. If MOI lands are likely to be impacted by the proposed project, then at the time of studies completion, the incorporation of these lands should be undertaken. In addition to *archaeological and heritage reports*, a *Phase I Environmental Site Assessment (ESA)*, on IO lands should also be undertaken. Deficiencies in any of these requirements could result in substantial project delays and increased project costs.

In summary, the purchase of MOI-owned/IO-managed lands or disposal of rights and responsibilities (e.g. easement) for IO-managed lands triggers the application of the MOI Class EA. If any of these realty activities affecting IO-managed lands are being proposed as part of any alternative, please contact the Sales and Marketing Group through IO's main line (Phone: 416-327-3937, Toll Free: 1-877-863-9672), and contact the undersigned at your earliest convenience to discuss next steps.

Specific Comments

Please remove IO from your circulation list, with respect to this project, if MOI owned lands are not anticipated to be impacted. In addition, in the future, please send only **electronic copies of notices** for any projects impacting IO managed lands to:

Keith.Noronha@infrastructureontario.ca

Thank you for the opportunity to provide initial comments on this undertaking. If you have any questions on the above I can be reached at the contacts below.

Sincerely,



Lisa Myslicki

Environmental Advisor, Environmental Management
Infrastructure Ontario

1 Dundas Street West,
Suite 2000, Toronto, Ontario

M5G 2L5

(416) 212-3768

lisa.myslicki@infrastructureontario.ca

* Below are the acronyms for agencies/ministries listed in the above letter

OLC: Ontario Lands Corporation

ORC: Ontario Realty Corporation

PIR: Public Infrastructure and Renewal

MGS: Ministry of Government Services

MBS: Management Board and Secretariat

MOI: Ministry of Infrastructure

MTO: Ministry of Transportation

MNR: Ministry of Natural Resources

MEI: Ministry of Energy and Infrastructure



RECEIVED

JUN 20 2014

DEPT. OF
ENGINEERING & CONSTRUCTION

905.336.1158
Fax: 905.336.7014
2596 Britannia Road West
Burlington, Ontario L7P 0G3
conservationhalton.ca

Protecting the Natural
Environment from
Lake to Escarpment

June 13, 2014

Kasiz Piskorz
Town of Oakville
1225 Trafalgar Road
Oakville, ON
L6H 0H3

BY MAIL AND BY EMAIL

Dear Ms. Piskorz:

**Re: Coronation Park Drainage Improvements
Municipal Class Environmental Assessment Study
Notice of Study Commencement
Town of Oakville
Our File: MPR 662**

The study area identified in the Notice of Study Commencement includes the shoreline of Lake Ontario, which is regulated pursuant to Ontario Regulation 162/06. Therefore staff require that the study take into consideration proper Lake Ontario water levels including flood levels. Staff will review natural hazards including flooding, erosion, dynamic beaches and all associated regulated setbacks related to the Lake Ontario shoreline.

The overall position of the Province of Ontario with respect to shorelines which are susceptible to flooding, erosion and dynamic beach hazards is that development will be directed to areas outside of hazardous lands. Except where allowed under Conservation Halton's shoreline policies, new development is prohibited adjacent or close to the shoreline of the Great Lakes that may be affected by flooding, erosion or dynamic beaches. Any development within areas regulated pursuant to Ontario Regulation 162/06 requires a Permit from Conservation Halton prior to site alteration.

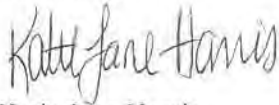
Under Conservation Halton's Memorandum of Understanding with the Town of Oakville, we will also review for any wildlife habitat impacts/mitigation, endangered and threatened species, stormwater management and subwatershed planning.

The Department of Fisheries and Oceans (DFO) is mandated to conserve and protect fisheries through the Fisheries Protection and Pollution Prevention provisions of the Fisheries Act. Section 35 (1) states: "No person shall carry on any work, undertaking or activity that results in serious harm to fish that are part of a commercial, recreational or Aboriginal fishery, or to fish that support such a fishery." To assist proponents with DFO's updated Fisheries Protection Policy Statement with the intent of providing a sustainable and productive fisheries, Conservation Halton offers advice to assist in mitigating impacts which may result in serious harm to fish.

Staff note that there are approximately four drainage feature that traverses the study area. Please be advised that although these features are not regulated under Ontario Regulation 162/06, future development may be subject to review or approvals under the Fisheries Act. Conservation Halton staff will review future development of the site and/or any alterations to the drainage feature in light of the possible impacts which may result in serious harm to fish.

Staff trust the above is of assistance and look forward to further consultation. If you have any further questions, please contact the undersigned at Extension 2231

Yours truly,

A handwritten signature in cursive script that reads "Katie Jane Harris".

Katie Jane Harris
Environmental Planner
Conservation Halton, Watershed Planning Services

KJH/
Encl. 3 Approximate Regulation Limit maps 0452, 0453, 0494



PROTECTING THE NATURAL ENVIRONMENT FROM LAKE TO ESCARPMENT

2596 Britannia Road West
Burlington, Ontario L7P 0G3

Internet Address:
www.conservationhalton.on.ca

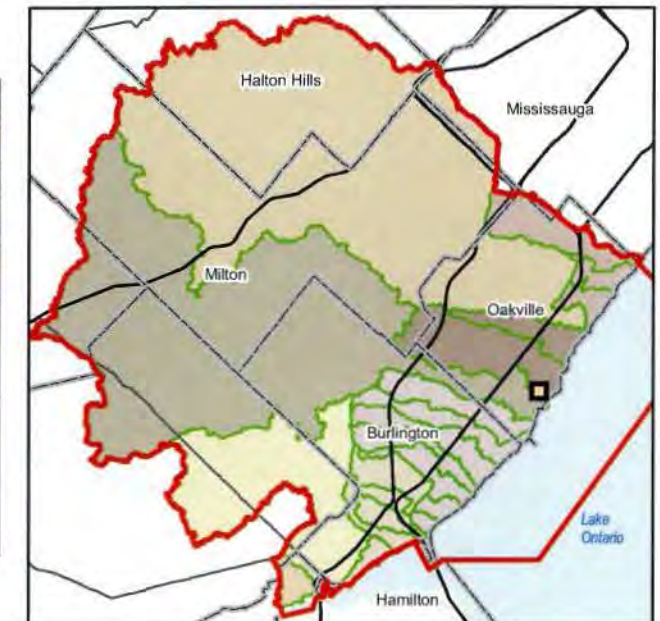
Phone: (905) 336-1158
Fax: (905) 336-7014

Email Address:
enserv@hrca.on.ca

(ONTARIO REGULATION 97/04)
REGULATION FOR DEVELOPMENT, INTERFERENCE WITH WETLANDS
AND ALTERATIONS TO SHORELINES AND WATERCOURSES

**(ONTARIO REGULATION 162/06)
APPROXIMATE REGULATION LIMIT**

Map Sheet - **0452**



LEGEND

-  **Approximate Regulation Limit / Screening Area**
-  **Regulated Watercourse**
-  **Hydrologic Connection**
-  **HRCA Jurisdiction Limit**
-  **Teranet Property Boundary**



0 50 100 150 200
Metres
Map Scale: 1:4000

Note on Stream Type Definitions:
'Regulated Watercourses' identify surface and subsurface water features that are regulated by Conservation Halton under Ont. Reg. 162/06. 'Hydrologic Connections' identify creek features that may/may not be considered fish habitat (direct or indirect) as defined by the Fisheries Act. Conservation Halton does not regulate these connections under Ont. Reg. 162/06.

The text of the Regulation takes precedence over the Approximate Regulation Limit. Some regulated features may not appear on the Approximate Regulation Limit mapping. This mapping should be used for information purposes only and should not be used as a navigation aid. The data displayed are derived from sources with different accuracies and all boundaries should therefore be considered approximate. Data on this map is used under license and is protected by copyright for different organizations, including but not limited to Teranet Enterprises Inc. and The Regional Municipality of Halton. Includes material copyright 2012 of the Queen's Printer for Ontario. All rights reserved. This map is not a plan of survey, nor is it intended for use as a navigation aid. This mapping may not be reproduced without the express written consent of The Halton Region Conservation Authority. Copyright Conservation Halton, May 2012.

Revision History:
Last Update: May, 14th, 2012
Print Date: May, 15, 2012.

Previous Updates:
•Approximate Regulation Limit - Nov. 10th, 2011
•Approximate Regulation Limit - Jan. 28th, 2008
•Approximate Regulation Limit - June 7th, 2007
•Approximate Regulation Limit - July 25th, 2006
•Approximate Regulation Limit - April 24th, 2006

0452



**PROTECTING THE NATURAL ENVIRONMENT
FROM LAKE TO ESCARPMENT**

2596 Britannia Road West
Burlington, Ontario L7P 0G3

Internet Address:
www.conservationhalton.on.ca

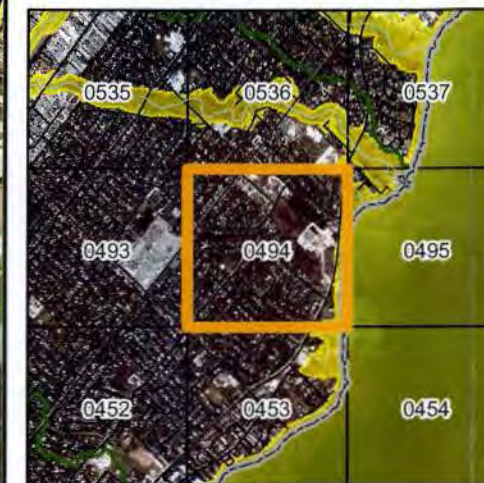
Phone: (905) 336-1158
Fax: (905) 336-7014

Email Address:
enserv@hrca.on.ca

(ONTARIO REGULATION 97/04)
REGULATION FOR DEVELOPMENT, INTERFERENCE WITH WETLANDS
AND ALTERATIONS TO SHORELINES AND WATERCOURSES

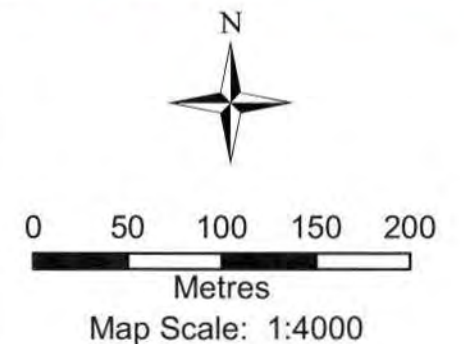
**(ONTARIO REGULATION 162/06)
APPROXIMATE REGULATION LIMIT**

Map Sheet - **0494**



LEGEND

- Approximate Regulation Limit / Screening Area**
- Regulated Watercourse**
- Hydrologic Connection**
- HRCA Jurisdiction Limit**
- Teranet Property Boundary**



Note on Stream Type Definitions:
'Regulated Watercourses' identify surface and subsurface water features that are regulated by Conservation Halton under Ont. Reg. 162/06. 'Hydrologic Connections' identify creek features that may/may not be considered fish habitat (direct or indirect) as defined by the Fisheries Act. Conservation Halton does not regulate these connections under Ont. Reg. 162/06.

The text of the Regulation takes precedence over the Approximate Regulation Limit. Some regulated features may not appear on the Approximate Regulation Limit mapping. This mapping should be used for information purposes only and should not be used as a navigation aid. The data displayed are derived from sources with different accuracies and all boundaries should therefore be considered approximate. Data on this map is used under license and is protected by copyright for different organizations, including but not limited to Teranet Enterprises Inc. and The Regional Municipality of Halton. Includes material copyright 2012 of the Queen's Printer for Ontario. All rights reserved. This map is not a plan of survey, nor is it intended for use as a navigation aid. This mapping may not be reproduced without the express written consent of The Halton Region Conservation Authority. Copyright Conservation Halton, May 2012.

Revision History:
Last Update: May, 14th, 2012
Print Date: May, 15, 2012.

Previous Updates:
*Approximate Regulation Limit - Nov. 10th, 2011
*Approximate Regulation Limit - Jan. 28th, 2008
*Approximate Regulation Limit - June 7th, 2007
*Approximate Regulation Limit - July 25th, 2006
*Approximate Regulation Limit - April 24th, 2006

0494

Ministry of Aboriginal Affairs

160 Bloor St. East, 9th Floor
Toronto, ON M7A 2E6
Tel: (416) 326-4740
Fax: (416) 325-1066
www.aboriginalaffairs.gov.on.ca

Ministère des Affaires Autochtones

160, rue Bloor Est, 9^e étage
Toronto ON M7A 2E6
Tél. : (416) 326-4740
Télééc. : (416) 325-1066
www.aboriginalaffairs.gov.on.ca



RECEIVED

Reference: EA #192
June 9, 2014

JUN 17 2014

DEPT. OF
ENGINEERING & CONSTRUCTION

Kasia Piskorz
Town of Oakville
1225 Trafalgar Road
Oakville, ON L6H 0H3

**Re: Notice of Study Commencement and Public Information Centre #1
Coronation Park Drainage Improvements Class EA**

Dear Ms. Piskorz:

Thank you for informing the Ministry of Aboriginal Affairs (MAA) of your project. Please note that MAA treats all letters, emails, general notices, etc. about a project as a request for information about which Aboriginal communities may have rights or interests in the project area.

As a member of the government review team, the Ministry of Aboriginal Affairs (MAA) identifies First Nation and Métis communities who may have the following interests in the area of your project:

- reserves;
- land claims or claims in litigation against Ontario;
- existing or asserted Aboriginal or treaty rights, such as harvesting rights; or
- an interest in the area of the project.

MAA is not the approval or regulatory authority for your project, and receives very limited information about projects in the early stages of their development. In circumstances where a Crown-approved project may negatively impact a claimed Aboriginal or treaty right, the Crown may have a duty to consult the Aboriginal community advancing the claim. The Crown often delegates procedural aspects of its duty to consult to proponents. Please note that the information in this letter should not be relied on as advice about whether the Crown owes a duty to consult in respect of your project, or what consultation may be appropriate. Should you have any questions about your consultation obligations, please contact the appropriate ministry.

You should be aware that many First Nations either have or assert rights to hunt and fish in their traditional territories; these territories typically include lands and waters outside of their reserves.

In some instances, project work may impact aboriginal archaeological resources. If any Aboriginal archaeological resources could be impacted by your project, you should contact your regulating or approving Ministry to inquire about whether any additional Aboriginal communities should be contacted. Aboriginal communities with an interest in archaeological resources may include communities who are not presently located in the vicinity of the proposed project.

With respect to your project, and based on the brief materials you have provided, we can advise that the project appears to be located in an area where First Nations may have existing or asserted rights or claims in Ontario's land claims process or litigation, that could be impacted by your project. Contact information is below:

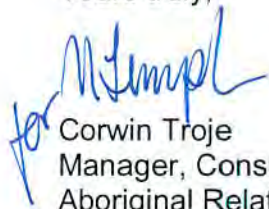
Mississaugas of the New Credit First Nation 2789 Mississauga Rd., R.R. #6 HAGERSVILLE, Ontario N0A 1H0	Chief Bryan LaForme (905) 768-1133 (Fax) 768-1225 bryanlaforme@newcreditfirstnation.com
---	---

The information upon which the above comments are based is subject to change. First Nation or Métis communities can make claims at any time, and other developments can occur that could result in additional communities being affected by or interested in your undertaking.

Through Aboriginal Affairs and Northern Development (AANDC), the Government of Canada sometimes receives claims that Ontario does not receive, or with which Ontario does not become involved. AANDC's Consultation and Accommodation Unit (CAU) established a "single window" to respond to requests for baseline information held by AANDC on established or potential Aboriginal Treaty and rights. To request information from the Ontario Subject Matter Expert send an email to: UCA-CAU@aadnc-aandc.gc.ca

Additional details about your project or changes to it that suggest impacts beyond what you have provided to date may necessitate further consideration of which Aboriginal communities may be affected by or interested in your undertaking. If you think that further consideration may be required, please bring your inquiry to whatever government body oversees the regulatory process for your project. MAA does not wish to be kept informed of the progress of the project; please be sure to remove MAA from the mailing list.

Yours truly,


for
Corwin Troje
Manager, Consultation Unit
Aboriginal Relations and Ministry Partnerships Division

Dearlove, Heather

From: Chipps, Steve
Sent: July-21-14 8:06 PM
To: Stone, Danny
Subject: Fw: Coronation Park Drainage EA
Attachments: Coronation Park Drainage Impr EA- MTCS initial letter-July 2014.pdf; Criteria for Evaluating Archaeological Potential-MTC July 2011.pdf; Screening for Impacts to Built Heritage and Cultural Heritage Landscapes-MTC-Nov2010.pdf

Danny for file. Thanks

From: Zirger, Rosi (MTCS) <Rosi.Zirger@ontario.ca>
Sent: Monday, July 21, 2014 2:27:14 PM
To: Chipps, Steve; kasia.piskorz@oakville.ca
Subject: Coronation Park Drainage EA

The Ministry of Tourism, Culture and Sport (MTCS) received a Notice of Commencement for the project mentioned above. I apologize for the late reply. However, please find attached MTCS comments and recommendations for this project.

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

Sincerely

Rosi Zirger

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

Ministry of Tourism, Culture & Sport

Culture Services Unit
Programs and Services Branch
401 Bay Street, Suite 1700
Toronto ON M7A 0A7

Tel. 416 314-7159
Fax: 416 212-1802

Ministère du Tourisme et de la Culture

Unité des services culturels
Direction des programmes et des services
401, rue Bay, Bureau 1700
Toronto ON M7A 0A7
Tél. : 416 314-7159
Télééc. : 416 212-1802



July 21, 2014 (EMAIL ONLY)

Mr. Steve Chipps
AMEC Environment & Infrastructure
3215 North Service Road, P.O. Box 220
Burlington, ON L7R 3Y2
E: steve.chipps@amec.com

MTCS file #: 0001493
Proponent: Town of Oakville
Subject: Notice of Commencement and PIC #1
Coronation Park Drainage Improvements Class EA
Location: Town of Oakville

Dear Mr. Chipps:

Thank you for providing the Ministry of Tourism, Culture and Sport (MTCS) with the Notice of Commencement and PIC for your project. MTCS's interest in this EA project relates to its mandate of protecting, conserving and preserving Ontario's culture 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. Please advise MTCS whether an archaeological assessment and/or a heritage impact assessment will be completed for your EA project, and provide them to MTCS before issuing a Notice of Completion.

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.

Project Summary

The purpose of this EA is to develop a comprehensive drainage improvement plan for the Coronation Park Community.

Archaeological Resources

Your EA project may impact archaeological resources and you may 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 archaeologicalsites@ontario.ca. If your EA project area exhibits archaeological potential, then an archaeological assessment (AA) by an *Ontario Heritage Act* (OHA) licensed archaeologist, who is responsible for submitting the report directly to MTCS for review, is recommended.

Built Heritage and Cultural Heritage Landscapes

The attached MTCS checklist *Screening for Impacts to Built Heritage and Cultural Heritage Landscapes* helps determine whether your EA project may impact cultural heritage resources. The clerk for the

municipality encompassing your EA project can provide information on property registered or designated under the *Ontario Heritage Act*.

If your EA project will impact heritage resources, MTCS recommends that a Heritage Impact Assessment (HIA) be prepared by a qualified consultant. Our Ministry's [Info Sheet #5: Heritage Impact Assessments and Conservation Plans](#) outlines the scope of HIAs. Please send HIAs to MTCS and to the Town's Heritage Planner for review, and make it available to local organizations or individuals who have expressed their interested in heritage.

Environmental Assessment Reporting

All technical heritage studies and their recommendations are to be addressed and incorporated into EA projects. If your screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file. MTCS is in no way liable if the information in the completed checklists is found to be inaccurate or incomplete.

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

Sincerely,

Rosi Zirger
Heritage Planner
rosi.zirger@ontario.ca

Copied to: Kasia Piskorz, Project Leader, Town of Oakville

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

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

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

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

Project Name
Project Location
Proponent Name
Proponent Contact Information

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

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

Scoring the results:

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

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

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

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

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

Screening for Impacts to Built Heritage and Cultural Heritage Landscapes

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

Step 1 – Screening for Recognized Cultural Heritage Value

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

Step 2 – Screening Potential Resources

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

Note:

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

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

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

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

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

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

Local or Provincial archives

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

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

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

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

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

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

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

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

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

the southeast side of the development, it appears that a good deal of water is draining off the site, which is quite high in relation to its surroundings, onto the adjacent lands to the south and the park to the east. Perhaps this could be investigated as well?

We will look forward to the next step in this process.

---- Original Message ----

Cc: Chipps, Steve <Steve.Chipps@amec.com>; Stone, Danny (danny.stone@amec.com)
(danny.stone@amec.com) <danny.stone@amec.com>
Sent: Tue, May 27, 2014 4:40 pm
Subject: RE: Coronation Park Drainage Improvements Class EA - Notice of Commencement/PIC #1

Hi Pamela,

The purpose of the study is to assess the overland drainage system. The drainage within the study area is collected via a mixed use of storm sewers, curbs or gutters, driveway culverts and natural outlets for overland drainage. Some of the existing drainage problems assessed as part of this study include:

- soggy roadside ditches
- prolonged standing water in roadside ditches
- frequently clogged inlets
- damaged or deteriorating driveway culverts
- restricted overland drainage system flow capacity and
- local erosion sites

Not all locations within the study area experience drainage problems. If residents are experiencing any drainage problems we would like to know the issue to help us understand all the drainage concerns in the area. If residents have no issues we would also like to know that.

The information to be presented at the Public Information Centre will be posted on the Town website for review and comment. The material will be available for viewing starting a few days prior to the meeting.

Please let me know if you have any further questions.

Sent: Monday, May 26, 2014 10:34 AM
To: Kasia Piskorz

Subject: Re: Coronation Park Drainage Improvements Class EA - Notice of Commencement/PIC #1

Hi Kasia,

Thank you for forwarding the alert for the upcoming EA of the Coronation Park area. We have already heard from a couple of residents and would like to provide them with details, however we find that the information is quite general in nature. In order to provide informed feedback, we'd appreciate a little more input. Perhaps you could outline the specifics of the aspects of the Coronation Park area that you'll assess and what steps an EA normally entails? Some of this information may be contained in the

background information, but we note that it is not available until the open house. Could we have access to it beforehand?

Thanks,

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

From: Kasia Piskorz <kasia.piskorz@oakville.ca>

Sent: Thu, May 22, 2014 11:14 am

Subject: Coronation Park Drainage Improvements Class EA - Notice of Commencement/PIC #1

Good Morning,

The Town of Oakville has initiated a Municipal Class Environmental Assessment (EA) study to assess various drainage improvements within the Coronation Park Community area. The purpose of this email is to inform you of the Class EA as well as to invite you to provide comments. I am attaching a letter with information about the project, the study area location and the upcoming Public Information Centre.

If you have any questions, feel free to contact me.

Regards,

Kasia Piskorz
Project Leader - Capital Projects
Engineering and Construction

Town of Oakville | 905-845-6601, ext.3533 | f: 905-338-4159 | www.oakville.ca

Vision: To be the most livable town in Canada

Please consider the environment before printing this email.

<http://www.oakville.ca/privacy.html>

From:

Sent: May-26-14 15:59

To: Kasia Piskorz

Subject:

Hello Ms. Piskorz,

I live on _____ & just receive a letter in regards to drainage improvement. Also we are about to redo our drive way & I was wondering if our drive way is going to be impacted due to the replace of the Calder. If it is then I would communicate with the company that is working on our drive way & will have them hold on to put a new asphalt until the work from the town is done.

I would appreciate it if you could kindly let me know on that.

Kind regards,



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

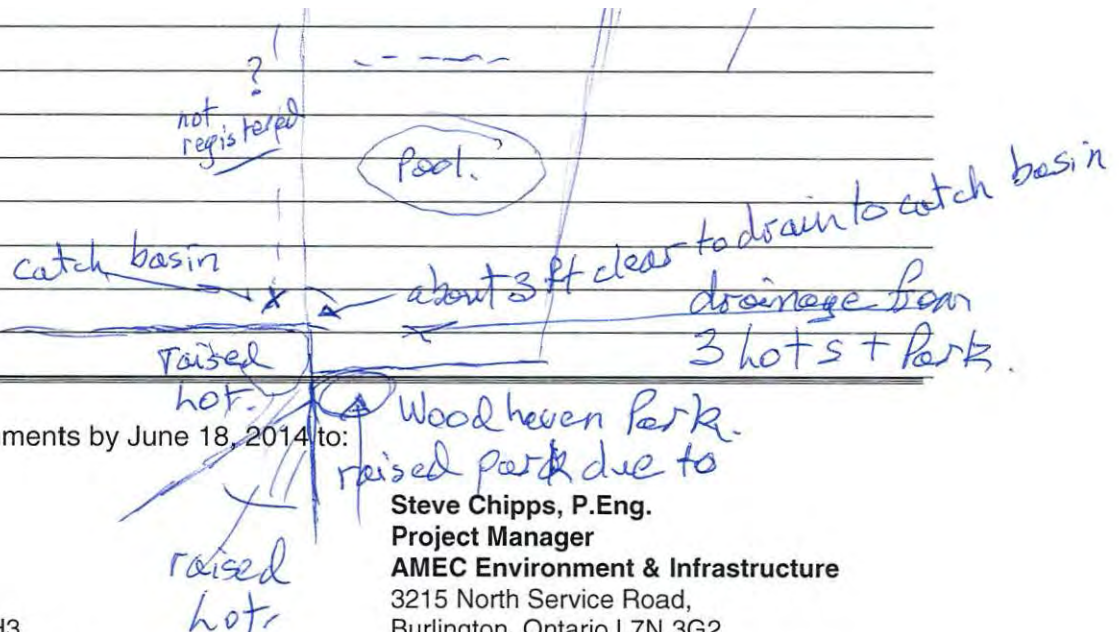
(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

- ① over the years neighbours raised lot levels at lot line in Woodhaven Park.
- ② drainage on back lots of _____ es over our lot to a catch basin on 1426' lot. - limited space to drain in spring
- ③ Swail has been filled in between 1420 & 1426 due to cedar hedge planted in the swail.
- ④ Flooding in spring along side lot is across the rear lot prior to ground thawing.



Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street _____)

(Municipality _____)

(Postal Code _____)

Comments:

The answer looks like
 curbs - catch basins and adequate
 storm drains. earthen ditches are not the
 answer.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) . _____

(Municipality) . _____

(Postal Code) . _____

Comments:

Area of concern:

The creek between Oak Christian School & Thornlea Park. Very little flow, lot of standing water/mud. Creek (south end) between houses on Lakeshore is a swamp, today; would be ankle-deep mud.

Creek is quite overgrown in places.

(Note: as I write, the elms on the creekbank are being taken down - this may improve drainage(?))

Also; chain-link fence at southend traps leaves, debris, also blocking flow.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____
Date: _____
E-mail: _____
(Number & Street) _____
(Municipality) _____
(Postal Code) _____

Comments:

Thanks for initiating this assessment!

We have two issues at

i) ditch drainage (front of house): insufficient flow after larger storms
→ it looks like you're already on top of the issue

ii) standing water in backyard (and north)
- our neighbours immediately behind us on Westminster have the problem even worse.
- swimming pool site standing water ponds form every spring (thaw) and after any meaningful rain storm.
- there is no where for the water to go other than to evaporate naturally
- curious to know what options we have to remedy this problem.

I look forward to the results of your assessment. Call me anytime.

Thanks again. Jeff

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Fax: 905-335-7861
Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-886-751-2353
Fax: 905-335-1414
Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

Would like Mr Coggi to contact me
in order to arrange the creation of
a small berm in the front of the driveways.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Fax: 905-335-7861
Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-886-751-2353
Fax: 905-335-1414
Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & St _____

(Municipality) _____

(Postal Code) _____

Comments:

The water problems really need to be looked after soon. Each new road (big) built on our street creates more drainage problems

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

IN 10 YEARS I HAVE NEVER OBSERVED
 WATER IN THE DITCHES, EORW SIDE OF WALBY,
 TRENTON RD OR WARLAND. THIS AREA HAS
 CATCH BASINS LOCATED IN THE DITCHES WHICH
 MAKES AT BIG HELP.

I ONLY HAVE MY SUM PUMP ACTIVATE FROM
 END OF JANUARY TO END OF MAY AND IT
 ONLY COMES ON EVERY 25-30 MINUTES FOR
 1.5 MINUTES PER TIME. REST OF YEAR STIM
 IS DRY.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & S _____

(Municipality) _____

(Postal Code) _____

Comments:

THERE IS A WATER PROBLEM - OUR SUMP PUMP
 IS NOW CYCLING EVERY 5 MINUTES WHEREAS
 FOR YEARS PRIOR TO 2009 NO WATER PROBLEM
 EXISTED. IN 2009, OF COURSE, EK CON
 TUNNELLED 3/4 OF THE PERIMETER OF OUR
 LOT. OUR PROBLEMS STARTED IN 2010 - NO
 COINCIDENCE WE THINK.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

standing water in ditch along front
property line. - only an ~~inch~~ inch or
two but it hasn't dried up ~~at all~~ completely
since we moved in in April.

would be interested in knowing what I
am allowed to plant in the ditch as the
grass cannot grow when there is standing
water.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Fax: 905-335-7861
Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-886-751-2353
Fax: 905-335-1414
Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & St _____

(Municipality) _____

(Postal Code) _____

Comments:

I spoke with Paul of TOO and showed video of standing water in our backyard - we recently spent many thousands of dollars to have trenching, weeping tile and pipe rock installed to solve problem. Is there any opportunity for all or partial reimbursement?

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Str _____

(Municipality) _____

(Postal Code) _____

Comments:

There have been no obvious problems since we bought the house in 1972. Installation of storm sewer (about 5-6 yrs ago) has made no difference.

In heavy rain, water still runs down the side walk, contained by grass on either side. Again, note problem for me, and in very heavy rain, few people will be walking.

Other problems I have noticed, e.g. in Hixon Street ditches were already mentioned on the display boards.

Within Coronation Park itself, there seems to be a hiatus in creating natural/wetland areas.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Str _____

(Municipality) _____

(Postal Code) _____

Comments:

LOT ON
 WATER COLLECTS IN DITCH FROM SWAMP & STORMS
 DOES NOT APPEAR TO BE ANY DRAINAGE OUTLET
 AT N/E CORNER IN DITCH.
 WATER TENDS TO FLOW WEST TOWARDS N/E CORNER
 CULVERT UNDER DRIVEWAY BUT NO FLOW THERE
 SIGNIFICANT WATER AT CORNER DURING SPRING/STORMS.
 SPOKE TO KASIA AT JUNE 4 TOWN MEETING
 AT Q & E PARK

THANK YOU.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

This area requires drainage up-grades now.

① In 5-7 years time nearly all the smaller 1200-1600 sq. ft houses will be replaced by Mega-Mansions = 4-5,000 sq. ft!

Lot coverage by house → much more water to drain away

② A sudden rise in L. Ontario level, due to a serious storm will disrupt drainage too - pls consider this in your study.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

- ditches flood after most storms - flooding sometimes edges into road.

- new properties in Hursh Homes are set higher with water flow toward adjacent homes and Belvedere because of filled land.

- marshy areas in Coronation park adjacent to creek on west side - land is sodden wet when rest of grass areas in park are dry.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____ 9

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

on the 'Drainage System Assessment-Hydrology' board
 the blue dotted line 'subcatchment boundary'
 goes right behind my house - what does
 that mean?

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & S _____

(Municipality) _____

(Postal Code _____

Comments:

The drainage ditch running in front of my house normally contains standing water. It is obstructed in many places by construction debris from past road projects, plus tree roots, rocks, etc. Therefore it tends to accumulate garbage all the time.

I would like the ditch cleared out. It is not adequately maintained.

I would also like follow-up to be informed of the forecast water level occurring in your modelling. Please provide elevation for top of water (m above sea level).

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____
Date: _____
E-mail: _____
(Number & Street) _____
(Municipality) _____
(Postal Code) _____

Comments:

A DRAINAGE CHANNEL PASSES THROUGH MY
BACKYARD TO CORONATION PARK.

ON A HEAVY RAIN DAY THE CHANNEL
BACKS UP AND NORTH END OF MY BACKYARD.
GETS FLOODED.

IT APPEARS NO STUDY HAS BEEN DONE ABOUT
WEST SIDE CHANNEL IN CORONATION PARK
WHICH CONTINUES IN MY BACKYARD.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Fax: 905-335-7861
Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-886-751-2353
Fax: 905-335-1414
Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

Flooding Sedgwick just west of Lakeside during heavy May rain.

No issues on Selvaator.

Consider native plantings.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____
Date: _____
E-mail: _____
(Number & St _____
(Municipality) _____
(Postal Code) _____

Comments:

I have lived in the Coronation Park Area for 28 years and 14 years at my present

The houses on Venetia - 3rd line or Trancina, have backyards that slope down to an old creek bed. From Hixon southward.

I have noticed that ~~it is~~ in the last 3-4 years that it is taking longer for my backyard to (especially near the old creek bed) dry out. Sometimes not till late July.

I know my neighbours use this old creek bed to drain their pools but in the past the water would drain and the backyard would dry out. Presently (June 4) I still have standing water - in my backyard. Making it difficult to cut the grass.

There is a pathway between Venetia and Trancina owned by ~~the~~ the town. It is a concrete path that slopes down to the old creek bed with a 12" culvert that is supposed to drain all the backyards, ~~but~~ but it is clogged with rocks, damming up the water.

Suggestions

- ① Walk the backyards and document the lay of the land.
- ② Clear the culvert.
- ③ Discourage residents from draining the pools in the back and instead use the street.
- ④ Replace the lower portion of the path with a bigger culvert or a bridge.
- ⑤ Help residents to replace the dying ash trees which help to soak up the water - (there are 14 dying ash trees around me) -

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Fax: 905-335-7861
Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-886-751-2353
Fax: 905-335-1414
Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

ON CHART 10 THERE IS NO FLOODING SHOWN FOR WESTMINSTER DR BUT THERE IS FLOODING ON CHART 11

THE TRUTH OF THE MATTER IS OUR DITCH OVERFLOWS SEVERAL TIMES A YEAR DURING HEAVY RAINS

I DO ENSURE THE CULVERT UNDER THE DRIVEWAY IS CLEAR OF LEAVES & DEBRIS BUT DURING HEAVY RAINS THE DITCH OVERFLOWS THE DRIVEWAY ERODING THE STONWORK & DRIVEWAY WHICH THE TOWN CLAIMS THEY ARE NOT RESPONSIBLE TO REPAIR.

THIS IS NOT AN INFREQUENT OCCURENCE

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-335-7861
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amec.com



Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

DITCH AT THE PROPERTY NEED REPAIRS AND PERMANENT
RESOLUTION OF THE WATER ACCUMULATING AND STANDING
AND EROSION OF THE DITCH RESULTING IN TREE'S
ROOTS DAMAGE,

MAJOR CONCERNS:

- TREE FALLING, SWAMP ATTRACTING MOSQUITOES AND
ODOR DURING SUMMER MONTHS.

Please send your comments by June 18, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Fax: 905-335-7861
Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-886-751-2353
Fax: 905-335-1414
Email: steve.chipps@amec.com

From:

Sent: June-05-14 09:45

To: Kasia Piskorz

Cc:

Subject: MARY.docx OAKVILLE HYDRO 2ND

Hi Kasia: Further to the meeting held last evening which my wife and I attended, I am attaching copy of my recent letter to the Mayor on this subject which outlines in greater detail the water issue at our house. I did fill in a comment sheet last night but this provides a more complete description of the issue and one that is more legible than my handwriting. It's not that this is the only issue we have observed in the neighbourhood. On our walks through the neighbourhood, we observe stagnant water standing in the ditches on Walby and Westminster Streets to the east and this spring the school path from Tracina to Venetia was at one point flooded with water, something we have never seen before. I am sure others who attended the meeting have mentioned these latter issues.

We look forward to the next stages in this process and the final determination of what action is planned to correct these issues.

Bill.

October 25, 2013

Mayor Rob Burton
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario
L6H 0H3

Dear Mayor Burton:

I am writing you concerning a problem that has developed at our residence in the last four years and doesn't seem to be improving. Given our belief that Oakville Hydro may be involved in this, I am copying Mr. Lister with this letter.

My wife and I have lived at the above address since August 1968. Throughout much of this time period our sump pump was seldom activated. Indeed there was a long period of time when the original pedestal-type pump had actually rusted out at the base, was disconnected from hydro, and was never needed. When it was finally replaced with a new submersible pump, the same situation prevailed.....very seldom was it ever activated because of a buildup of water.

Something happened to change this situation in 2009/2010. Since that time, our sump pump has been active all months of the year, with a frequency of operation of less than a minute for extensive periods. At the present time it is activated every five minutes.

So what changed in our neighbourhood in 2009/2010 to cause the underground water levels surrounding our house to rise to such an extent that our sump pump shifted from an inactive to a hyperactive state? To us the answer seems rather clear. During the summer of 2009, El Con Construction was here burying hydro wires to the front of the street and installing transformers throughout the area. In our particular case their work was particularly invasive as workers tunneled, dug or otherwise inserted underground hydro cables more or less around our entire property. This included the installation of a transformer at the extreme south-east of our property on Warland Road from which tunneling occurred northward along the east side of our property directly under a row of mature spruce trees. It is our belief that during this process previously existing underground water flows in the area were disturbed now giving such water a direct conduit to our property from which it cannot escape.

Over the past four years we have been hoping that this water issue would correct of its own accord but that isn't happening. In the meantime, we bear the extra electricity cost relating to this super active sump pump and live with the ever-present prospect of having a flooded basement in the event of a hydro interruption or a pump failure. Most important, however, is the potential negative impact on the value of our largest single investment, our home.

While the on-going construction of monster homes in this area no doubt has an impact on the underground water levels, it is unlikely that this alone could cause such an abrupt change. In the absence of any other plausible explanation for this change in water levels since 2009 other than the activity of El Con, we feel the Town of Oakville and Oakville Hydro have an obligation to investigate this situation to determine the cause and take whatever corrective action that may be necessary.

We look forward to hearing from you at your earliest convenience and thank you for your attention to this matter.

Yours truly,

Cc: Rob Lister
Chief Executive Officer
Oakville Hydro Corporation
P O Box 1900
861 Redwood Square
Oakville, Ontario
L6K 0C7

PS: I am attaching an exchange of email messages with Oakville Hydro dated May 3, 2013. We are still waiting for some kind of response to this issue.

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

From: :

Sent: June-05-14 15:06

To: Kasia Piskorz

Subject: Backyard Pictures

Hi Kasia, here are the pictures of the standing water. The first is of my backyard and the next two are of the right side of the walkway showing standing water and rocks blocking water flow.

Envoyé sans fil par mon terminal mobile BlackBerry sur le réseau de Bell.









OAKVILLE

Comment Sheet



Public Information Centre 1
June 4, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

We are very glad these issues have come to the town's attention. We have noticed that on our property (which we only took possession of in May 2014) has problems draining. The water sits along the property causing higher numbers of mosquitoes. Garry's highly allergic to mosquito bites so this is a serious problem that needs to be addressed. We have noticed the water pipe has sunk which contributes to this problem.

We are also concerned about the steep grade of the property because of the existing drain pipes. The steepness causes safety concerns when mowing the lawn. It is difficult to operate the mower properly which also results in difficulty maintaining appropriate curb appeal.

We feel it would be beneficial for Oakville to invest in sidewalks and sewer grate drainage in the Coronation Park area to match the image Oakville has been moving towards. The sidewalks would also be beneficial since door to door mail service is being discontinued and mailboxes are being installed. Having a safe path to the mailbox, especially in the winter when roads are icy/snowy would be necessary.

Please send your comments by June 18, 2014 to:

Kasia Plskorz
Project Leader
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Fax: 905-335-7861
Email: kasia.plskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-888-751-2353
Fax: 905-335-1414
Email: steve.chipps@amec.com



From:

Sent: June-04-14 19:51

To: Kasia Piskorz

Subject: 2nd meeting

I could not attend today's meeting, would like to know when the 2nd meeting date is please. I have some drainage issues on town property that need some correction by the town to help the water flow better at the front of the yard next to the road.

thanks

From:

Sent: June-09-14 12:28

To: Kasia Piskorz

Subject: Coronation Park Drainage

Good Morning Kasia:

I was very pleased to meet you and the engineers from AMEC. It feels good to know that I am not the only citizen being adversely affected by drainage problems. My problem is different from most of the drainage problems identified by other citizens.

When I built my house at [redacted] in 1983 I worked carefully with the Staff of Works Department to overcome possible drainage problems, especially to the neighboring property to the west. Being a reverse driveway the major drainage from the road was diverted by a small berm that ran from the crown of high point of the road to a catch basin on Coronation Park. I have photographs to help gain an understanding of the current drainage problems. Drainage on my property and the abutting property to the east is accommodated through below grade pipes that run directly to the shoreline.

The drainage problems started when the neighbouring property which abuts Coronation Park was re-developed. The RO-1 zoning permits a two story house with 30% lot coverage. The re-zoning By-law 1994-102 increased the lot size from 888.5 sq.m. to 1209 sq.m. by encroaching on Crown lands and presenting a fictional property to Council. The house as presented was a back-split with a walk-out basement thus almost doubling the size of the house. A back split on flood plain and hazard lands is hard to imagine and certainly not in accord with the National Building Code. Regardless the project had the support of the former Mayor and so the construction of the monster house went forward, even though the staff were adamant about rejecting the so-called plan of drainage. The Mayor overrode the staff and accepted a nonsensical Plan of Drainage based on the authority of an Engineers' stamp. There has been extensive increase in elevation of grade and a failure of the town to enforce By-law 1996-184, which covers this type of Site Alteration. There was no attempt to configure the lot to the nonsensical Plan of Drainage with the result that the eaves-troughs drain directly on to my property causing considerable damage to my house, which if ameliorated will lead to irreparable damage. I have been trying to overcome this problem for nearly eighteen years and believe I now have the background information and expertise to resolve this problem.

When the town decided to install sidewalks I point out that the side walk would destroy the function of the berm, leading to saturating my property. [redacted] revised the plans and installed a drainage swale that runs down to Coronation Park. This swale has functioned well however the width of the reverse driveway entrances leaves an opening for considerable drainage from the road to migrate to my property causing ponding and a growth of moss on the adjacent area.

I would be obliged if you would contact [redacted] with a view of having the town install a suitable remedy for this problem. In addition I would be obliged if you would send me an E. Mail with a PDF copy of the area of Woodhave and Westminster Roads as identified by the AMEC as a study area.

Many thanks for your cooperation



OAKVILLE

September 17, 2014

RE: Coronation Park Drainage Improvements Class Environmental Assessment

Dear |

Thank you for providing comments on the Coronation Park Drainage Improvements Class Environmental Assessment. We can appreciate that overly deep ditches can cause problems for residents in maintaining their lawns, as well as potentially being a safety hazard for residents using the roadway. In some cases deeper ditches are required to achieve the necessary flow conveyance or to accommodate the overall ditch system grading.

Filled in ditches are a significant concern for the Town, as any such obstruction would compromise flow conveyance and the ability of the ditch drainage system to operate as intended. This can cause unintended problems for adjacent residents. We would appreciate you drawing our attention to the specific locations of this alleged ditch filling so that we can investigate and take further action if required.

With respect to the implementation of an infiltration trench with a perforated pipe, the Coronation Park Drainage Improvements Class Environmental Assessment will consider the implementation of Low Impact Development and Best Management Practices (LID/BMPs) such as infiltration trenches. A detailed alternative screening process will be undertaken to determine whether or not such an approach is recommended, however at this time the screening has not yet been completed. If recommended as a short-listed alternative, potential implementation locations would be chosen at that time.

Once the alternative screening process is complete, a public information centre (PIC) will be scheduled to obtain feedback from the public. You will receive notification of the PIC by mail. Study information is also posted on the Town website, please visit oakville.ca and search for Coronation Park Drainage Improvements.

Once again we thank you for your input.

Sincerely,

Kasia Piskorz, P. Eng
Project Leader – Capital Projects, Engineering & Construction
905-845-6601, ext. 3533
kasia.piskorz@oakville.ca

c.c. Steve Chipps, AMEC Environment & Infrastructure

From: Kasia Piskorz [mailto:kasia.piskorz@oakville.ca]
Sent: May-26-14 18:13
To: '
Cc: Chipps, Steve; Stone, Danny
Subject: RE: Coronation Park - Drarinage Improvement

Some of the drainage deficiencies assessed as part of the study include the following:

- soggy roadside ditches
- prolonged standing water in roadside ditches
- frequently clogged inlets
- damaged or deteriorating driveway culverts
- restricted overland drainage system flow capacity and
- local erosion sites

If you are experiencing any drainage problems please let us know the issue to help us understand all the drainage concerns in the area.

This study is not assessing the condition of the existing storm sewers in the area. That will be accomplished by the town-wide Storm Sewer Master Plan. The Master Plan is currently being undertaken. Once complete the Master Plan will recommend storm sewer repairs or replacements where it is needed.

Please let me know if you have any further questions. Thanks for your interest in the study.
Thanks,

From: _____
Sent: Friday, May 23, 2014 2:36 PM
To: Kasia Piskorz
Subject: Coronation Park - Drarinage Improvement

Hi Kasia,

What are some of the drainage concerns that are known to exist and/or being expressed?
Is the current drainage system in need of repair or replacement due to its age/deterioration?

Thanks,

From: .
Sent: May-26-14 7:55 PM
To: 'Kasia Piskorz'
Cc: Chipps, Steve; Stone, Danny
Subject: RE: Coronation Park drainage

Thanks

My two ditches (1 is between lots at original end of walby now mid venetia) do not keep standing water as it drains through the ditch walls into the sandy soil under the grass. I have a culvert cover at the ditch junction which again does not get water apart from snow melt directly above it. That culvert cover was cut off from water from the road by the end of the kerb that exists on the other end of the street. My issues are on local erosion where rear downspout or storm water runoff hits the ground. I have the downspouts going into long French drains now to direct water 40 feet from the house but still get local erosion from thunderstorms early in the year. When I had an extension built the foundation trench filled from the fairly high groundwater flow and needed to be pumped to allow foundation pour. I gather my neighbours pool was the same. I have some big old cedar trees that like the water.

My concerns are thus groundwater flow in the top 2 to 3 feet of sandy soil, in part as I am at the south end of the area. I was told by a long time resident that original maps of the orchard the houses were built on showed overland water courses that are no longer there, suggesting water flow down ditches and subsurface has replaced that.

I noticed standing water in ditches around me increased for those that had horizontal boring on electric supply replacement and where thus ditches were no longer graded for clear flow.

I will look at your material when it is posted.

Julian

From: Kasia Piskorz [<mailto:kasia.piskorz@oakville.ca>]
Sent: May-26-14 6:29 PM
To:
Cc: Chipps, Steve; Stone, Danny (danny.stone@amec.com)
Subject: RE: Coronation Park drainage

The drainage within the study area is collected via a mixed use of storm sewers, curbs or gutters, driveway culverts and natural outlets for overland drainage. The purpose of the study is to assess the overland drainage system. Some of the existing drainage problems assessed as part of this study include:

- soggy roadside ditches
- prolonged standing water in roadside ditches
- frequently clogged inlets
- damaged or deteriorating driveway culverts
- restricted overland drainage system flow capacity and
- local erosion sites

If you are experiencing any drainage problems please let us know the issue to help us understand all the drainage concerns in the area. Not all areas experience drainage problems. If you have no issues we would also like to know that.

You will have an opportunity to review the information presented at the Public Information Centre even if you are unable to attend. The material will be posted on the Town website for review and comment. The material will be available for viewing starting a few days prior to the meeting.

Thank you for your interest in the study.

Regards,

Kasia Piskorz
Project Leader - Capital Projects
Engineering and Construction

Town of Oakville | 905-845-6601, ext.3533 | f: 905-338-4159 | www.oakville.ca

Vision: To be the most livable town in Canada

Please consider the environment before printing this email.

<http://www.oakville.ca/privacy.html>

From:

Sent: Saturday, May 24, 2014 2:51 PM

To: Kasia Piskorz

Subject: Coronation Park drainage

Kasia

Many thanks for the invite to the open house on drainage on June 4th. That evening is a band concert at Blakelock (the highschool in your assessment area) so attendance is hard for us. I was thus hoping for a few details first to understand the scope of the plan. Primarily are you just looking at surface/ sump pump run off or are you also looking at ground water in our sand based top soil (eg the current or old streams/ minicreeks). In our area (and even on my street) there are a mixture of surface drains from the ditches at my end of the street to the new kerbed streets with c\gratings that get plugged by leaves at the other end.

Can you give us a deeper description on the scope please so neighbours and myself can consider school concert attendance or partial attendance at your session.

Regards

PS In the recent electric supply changes I could not help notice many ditches get plugged due to the horizontal boring and cables routing underground with big bumps as they buried some in ditches and I suspect many problems are just that.

From: Kasia Piskorz [mailto:kasia.piskorz@oakville.ca]
Sent: May-26-14 17:18
To:
Cc: Chipps, Steve; Stone, Danny
Subject: RE: Coronation Park Drainage Study

Details of the drainage problems and locations will be presented at the public information meeting. The material to be presented at the meeting will be posted on the Town website prior to June 4.

Some of the existing drainage problems assessed as part of this study include:

- soggy roadside ditches
- prolonged standing water in roadside ditches
- frequently clogged inlets
- damaged or deteriorating driveway culverts
- restricted overland drainage system flow capacity and
- local erosion sites

The study area is very large and not all areas experience drainage problems. I have noted that the area around your property does not experience any drainage issues. Thank you for your feedback.

Kasia Piskorz
Project Leader - Capital Projects
Engineering and Construction
Town of Oakville | 905-845-6601, ext.3533 | f: 905-338-4159 | www.oakville.ca

Vision: To be the most livable town in Canada

Please consider the environment before printing this email.
<http://www.oakville.ca/privacy.html>

From:
Sent: Saturday, May 24, 2014 7:13 AM
To: Kasia Piskorz
Subject: Coronation Park Drainage Study

Have visited the internet site for Coronation Park but failed to find information on the particulars of the drainage problems in the area east of Third Line and south of Rebecca Street. Since drainage improvements are planned, presume there is a problem. Would appreciate brief description of problem. My house is situated at 1362 Hixon Street. Am not aware of any problems in the vicinity, and my sump pump well is dry even during heavy rains.

From: Kasia Piskorz

Sent: June-10-14 11:04

To:

Cc:

Subject: RE: Coronation Park Drainage Improvements Class Environmental Assessment - follow up regarding Canada Post

I have very limited information about details of the mail box locations. Normally, the mail boxes are to be placed behind the ditch. A walkway will be provided to the mail box so that the residents do not have walk into the ditch. A culvert will be installed below the walkway to allow for water flow and to ensure that drainage is not affected.

Please do not hesitate to contact me at the information listed below if you have further questions.

Thanks,

From:

Sent: Tuesday, June 10, 2014 10:16 AM

To: Kasia Piskorz

Subject: RE: Coronation Park Drainage Improvements Class Environmental Assessment - follow up regarding Canada Post

Hi Kasia,

Thanks for your message. Yes, I understand that and I have contacted Canada Post at the number below.

However, I thought this would be of interest to you and the Drainage EA, given that the location shown on Talbot Drive is right in the middle of the drainage ditch.

I also, understand that Canada Post submitted the locations to the Town for review, so I wrote you to double check that there is connection between this EA and whoever is doing the Canada Post site review. **I'm sure that's the case, but it doesn't hurt to raise it.**

IAF Certified™ Professional Facilitator

From: Kasia Piskorz [<mailto:kasia.piskorz@oakville.ca>]

Sent: Tuesday, June 10, 2014 10:21 AM

To:

Cc:

Subject: RE: Coronation Park Drainage Improvements Class Environmental Assessment - follow up regarding Canada Post

The community mail box conversion program is a Canada Post initiative. All inquiries with respect to mail box locations should be directed to Canada Post at 1-844-454-3009 so that it may be directed to the correct person.

The Town has also posted Canada Post contact information on our website at <http://www.oakville.ca/residents/canada-post-community-mailbox.html>
We will continue to update this website as additional information become available.

Regards,

Kasia Piskorz

Project Leader - Capital Projects

Engineering and Construction

Town of Oakville | 905-845-6601, ext.3533 | f: 905-338-4159 | www.oakville.ca

Vision: To be the most livable town in Canada

Please consider the environment before printing this email.

<http://www.oakville.ca/privacy.html>

From:

Sent: Thursday, June 05, 2014 8:33 PM

To: Kasia Piskorz

Cc:

Subject: Coronation Park Drainage Improvements Class Environmental Assessment - follow up regarding Canada Post

Hi Kasia,

I am following up with you regarding the Drainage Improvements Study and the proposed Canada Post mail box placement here on Talbot Drive. I raised this matter with you at the open house last night. Please find attached a drawing that was provided to the resident at 141 Talbot Drive.

It looks to me as if they are planning this mailbox for the ditch, which does not really make any stormwater management, traffic flow or pedestrian safety sense to me. This is a small side street and 48 units, as indicated in the diagram, are well in excess of the number of 17 homes on the street. The location does not meet some of their published siting criteria, such as sidewalks.

I recognize some of these comments are outside of the scope of the Drainage EA though. In scope is that I believe the EA maps last night showed that the modeling has identified a drainage deficiency right about in this spot, and the Canada Post attachment shows no particular swm approach. I am wondering if you have been able to determine which of your colleagues may be involved in the review of this mailbox location and whether any feedback has been provided to Canada Post to date? I suspect it is one of a number of problematic locations.

Please let me know your thoughts on this.
Thanks a lot,



From: Kasia Piskorz [mailto:kasia.piskorz@oakville.ca]
Sent: June-04-14 14:30
To:
Cc: Chipps, Steve; Stone, Danny
Subject: RE: Coronation Park Drainage Improvements

A large portion of Oakville south of the QEW is serviced by roadside ditches and unfortunately standing water in ditches is a regular occurrence in many of these areas. I have noted your comments and I will review the Town owned lands around your property (ditches and park).

Since you are unable to attend the meeting please visit the Coronation Park Class EA web page using this [link](#) to review the public information centre display boards.

Please contact me at the information listed below if you have any questions. Thank you for your input into this project.

Regards,
Kasia Piskorz
Project Leader - Capital Projects
Engineering and Construction
Town of Oakville | 905-845-6601, ext.3533 | f: 905-338-4159 | www.oakville.ca

Vision: To be the most livable town in Canada

Please consider the environment before printing this email.
<http://www.oakville.ca/privacy.html>

From:
Sent: Monday, June 02, 2014 5:07 PM
To: Kasia Piskorz
Subject: Coronation Park Drainage Improvements

Hi;

Re: Coronation Park Drainage Improvements Municipal Class Environmental Assessment Study, June 4 meeting

As we are not able to attend the meeting, we would appreciate your taking into consideration our experience.

We own
1997.

We have lived here since

There are two major drainage issues since we have lived here:

1. The drainage culvert at the front of the properties along Lakeshore Road overflow and have standing water for days after major rainfalls, especially in f . The drainage

culvert in front of _____ also has standing water after major rainfalls, and is very deep so difficult to maintain.

2. The area behind both properties, along the south side (last 20-30 meters) of Thornlea Park, stays very moist with pools of water for days after major rainfalls, or weeks after winter thaw.

Standing water at front and rear of the properties also breeds too many mosquitoes.

We appreciate your taking our input into consideration for your Study.

Regards,

From:
Sent: June-10-14 19:07
To: Kasia Piskorz
Subject: Re: Coronation Park Class EA Comment Sheet

Hi Kasia,

Thanks for your reply. I am familiar with the Oakville Boulevard Gardening regulations, but I was not sure whether ditches were included. The definition of 'boulevard' as given on the policy and procedures page (<http://www.oakville.ca/townhall/ms-per-004-002.html>) seems a bit vague:

"*Boulevard* - for the purpose of this procedure means the grass or earthed area(s) between the roadside curb or in the case of no curb, the back slope of the roadside ditch/swale and the property line."

So the 'boulevard' is either the area between the top of the back slope and the property line (which would not include the ditch) or the area between the bottom of the back slope (i.e. the bottom of the ditch itself) and the property line, or possibly something in between.

I will ask

I also wrote on the comment sheet that the ditch in front of our house has not totally dried up since we moved in in early April, and there is always an inch or two of standing water. My husband pointed out to me that the main source of that water is our own sump pump, so my comment should probably be disregarded.

From: Kasia Piskorz <kasia.piskorz@oakville.ca>
To: '
Cc: "Chipps, Steve" <Steve.Chipps@amec.com>; "Stone, Danny (danny.stone@amec.com)" <danny.stone@amec.com>; Bob DeHoog <bob.dehoog@oakville.ca>
Sent: Tuesday, June 10, 2014 1:23:36 PM
Subject: Coronation Park Class EA Comment Sheet

Hi Irene,

We have received the comment sheet that you had submitted during the June 4 public information centre for the Coronation Park Drainage Improvements Class Environmental Assessment. I have looked into your inquiry about what plantings the Town of Oakville allows in ditches.

Please visit www.oakville.ca and search for Boulevard Gardening. On the Boulevard Gardening webpage you will find a recommended plantings list for boulevards (this includes ditches). Also included on the webpage there is a **boulevard permit application** and the **Boulevard Gardening policy and procedure** which can be referenced for further information. Installation of gardens in boulevards/ditches requires the resident to submit an application for a Boulevard Gardening Permit to the Engineering and Construction Department. For further information about the permit and the application process please contact BoB DeHoog, Road Corridor Permit Coordinator at bob.dehoog@oakville.ca or 905-845-6601 ext 3337.

Please let me know if there is anything else that I can help you with.

Regards,

Kasia Piskorz
Project Leader - Capital Projects
Engineering and Construction
Town of Oakville | 905-845-6601, ext.3533 | f: 905-338-4159 | www.oakville.ca

From: Chipps, Steve
Sent: June-09-14 09:24
To:
Cc: Stone, Danny; Senior, Matt
Subject: RE: Coronation Park Drainage Improvements

Thank you your information and photos. We will include the information in our baseline assessment and incorporate it into the alternative assessment that is about to commence.

Steve Chipps, P. Eng
Associate
AMEC

Environment & Infrastructure
Infrastructure Engineering
3215 North Service Road, Burlington, ON L7N 3G2, Canada
Tel 905-335-2353 x 263, Fax 905-335-1414

steve.chipps@amec.com
amec.com

Be more sustainable - think before you print.

From:
Sent: June-08-14 6:52 PM
To: kpiskorz@oakville.ca; Chipps, Steve
Subject: Coronation Park Drainage Improvements

Dear Ms Piskorz and Mr. Chipps:

At the recently held Public Information session (June 4) on the Coronation Park Drainage Improvements, I had expressed concerns regarding the flooding on my property that backs onto Coronation Park. My property, situated at **Drive**, is affected by 2 creeks which during heavy rain, overflow and flood the backyard as a result of drainage issues in Coronation Park: one creek runs through the backyard of the property and the second creek is parallel to the property line abutting Coronation Park (this is in Coronation Park). Both creeks feed into the creek at the west end of the park, which ultimately feeds into Lake Ontario.

As the Town undertakes the environmental assessment study, I would like this to be taken under review and addressed. Attached are 3 images of the backyard during one of the recent rainstorms and severe flooding that was experienced. The flooded area has many Ash trees that are affected by the severe flooding.

Should you have any questions, please contact me directly either by email (mp.canada@yahoo.com) or by phone at 905-827-7457.

Regards,







From: Kasia Piskorz
Sent: June-12-14 16:42
To: ServiceOakville
Cc:
Subject: FW: 2033 Lakeshore RD W

Service Oakville,

Can you please open up a case id for this residents concern. A drainage channel is located along the west side of #2033 Lakeshore Road West, it appears that the Town has an easement agreement. The resident is concerned about a dead tree and their safety/property. I have attached photos provided by the resident. I have also included a photo that I took of the channel last week.

Thank you,

From: _____
Sent: Sunday, June 08, 2014 9:49 AM
To: Kasia Piskorz
Subject: 2033 Lakeshore RD W

Hi Kasia,

Following our conversation at the open house last week, here are couple of pictures of the three which is our major concern.

The tree is at the easement area, between two fences. Due to erosion of the banks, it is now in the ditch, leaning to our backyard closer than last season.

It is a safety issue and if collapses it could cause significant damage to our home and even our neighbour's backyard.

We would appreciate if the town could inspect the tree and advise the possibility of the tree collapsing into our backyard.

Regards,







From: Kasia Piskorz [mailto:kasia.piskorz@oakville.ca]
Sent: June-19-14 11:18
To:
Cc: Paul Allen; Chipps, Steve; Stone, Danny
Subject: RE: Coronation Park Drainage Improvements

Thank you for your comments. We will be incorporating your concerns into our study. I wanted to let you know that I am looking into your questions and will respond soon.

Thank you,

Kasia Piskorz
Project Leader - Capital Projects
Engineering and Construction
Town of Oakville | 905-845-6601, ext.3533 | f: 905-338-4159 | www.oakville.ca

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

From:
Sent: Thursday, June 12, 2014 5:00 PM
To: Kasia Piskorz
Cc: Paul Allen
Subject: Coronation Park Drainage Improvements

Hi Kasia

I attended the information session on June 4th regarding this possible project. While there I spoke with Paul Allen as well about my frustration with a number of issues regarding my property. While he was patient to hear me rant, he suggested that I include all my comments in this response. I realize that there are different owners for different projects in the city so I'm not sure what to expect for a response but I would like to know that my issues are recognized and that somewhere in the near future there is a solution. I feel that all my issues are related or linked to drainage improvements

While the area you have under review is quite broad, I can only speak for my property at :
Lakeshore Rd West.

- 1) There is no storm sewer on this stretch of road. Every time it rains, there is a small lake that forms on the other side of the road in front of my property. I see cyclists and cars try to avoid this and I must admit that it is dangerous since there is no shoulder on the road. In winter there are city paving trucks here all the time patching holes from the freeze-thaw. My record for hub caps on my property from cars hitting potholes is 12 in one winter. I'm sure city services is very familiar with this stretch.
- 2) As mentioned above, there is no real shoulder (paved) on this section of road which forces cyclists onto the roadway. With no middle lane this can become quite dangerous. I have lived

here for 25 years and the amount of traffic here has doubled while the number of cyclists is up 10 fold....I feel it is quite dangerous and someone will be seriously injured if not already

- 3) With no curb and gutter, trucks of all nature seem to drive on the grassed area to get off the road and often leave deep depressions in the soil. Hydro was just here recently leaving a mess but they at least put some dirt down to fill the holes and ruts....nice huh.
- 4) About 10 years ago, in someone's wisdom, they decided to pave a bike path which is on my side of the street. In doing so they shaped the bank for the ditch in front of my house at a 45 degree angle with asphalt right to the edge. Water just runs off and into the ditch. So the only things that grow on the bank of the ditch are weeds and dirt....so with trucks driving on everything and grass can't grow the front of my place looks neglected and decrepit...Btw, the city has been back to re-seed the ditch once and re-sod it twice....everything is dead within months even though I had watered it.
- 5) About 2 months ago I received a notice that the front of my place will be torn up as part of a project to install a new waste water line from the water treatment plant down the street. In addition I know that there is a plan to reconstruct Lakeshore which I have been waiting years for. Paul has informed me that the plan to rebuild the street has been delayed by as much as another 8 YEARS.....but it must make the most economical sense to tear this road up once and rebuild it properly....in such, you will resolve the drainage issue, get the waste water line installed and make the road functional and safe. I look at the recent gas plant scandal as a good example where tax payers money is not used in the most economical fashion. I have the feeling that there will be many small projects done over a period of time all to address singular issues rather than look at the big picture and fix something just once by doing it the right way. I will probably consider moving out of frustration if I see this road dug up for a waste water line and nothing else is done at the same time.

I can go on...but getting tired of this. The bike path in front of my place can at least serve as a side walk such as it is. But there are stretches to either side of me that don't even have this. Imagine a main street like lakeshore with no side walk....I've been to 3rd world countries that have a better main street than this section of lakeshore. You can drive Lakeshore from Hamilton to Kingston and the only substandard section is between 3rd line and Dorval

I look at how the city has rebuilt 4th line between Speers and Lakeshore as well as the same lower section of 3rd line. Why are any of these other streets a higher priority than lakeshore.

If there are any actions that are possible that can address any of these issues, I want to hear them. I pay my taxes here like everyone else and feel cheated with the issues that I need to deal with. My property may have a unique combination of issues, but it's my home and I really do believe that something should be done.

Thanks in advance for your consideration and handling of my comments

From: Kasia Piskorz [<mailto:kasia.piskorz@oakville.ca>]
Sent: June-19-14 11:01 AM
To:
Cc: Chipps, Steve; Stone, Danny
Subject: RE: CORONATION PARK DRAINAGE SUMMARY

Hi

Thank you for your interest in the Coronation Park Drainage Improvements Class Environmental Assessment. Your comments and concerns will be incorporated into our study. I will also forward your comments to the appropriate individuals within the Town of Oakville.

Thank you,

From:
Sent: Friday, June 13, 2014 10:54 AM
To: Kasia Piskorz
Subject: CORONATION PARK DRAINAGE SUMMARY

Kasia, We thank you for taking the time to review our comments.
Please find attached a brief summary of our concerns, along with, 2 pictures illustrating: 1- Front and back drainage to the ditch, along with a below level driveway.
The pictures shown and published on the first page of Public Information Centre #1 Document, is an obvious typical example of drainage in the area. Hopefully a corrective action is forthcoming.

Respectfully,

—

June 12, 2014

TOWN OF OAKVILLE
1225 Trafalgar Road
Oakville, ON L6H 0H3

Attention: Kasia Piskorz

Subject: CORONATION PARK DRAINAGE ASSESSMENT STUDY

Dear Mrs. Piskorz,

I would like to take this opportunity to congratulate the Town of Oakville for undertaking the above subject initiative.

As, regrettably I couldn't attend the public information on June 4/2014, this letter will therefore serve to summarize my concerns, pertaining to the designated areas reported in the "**Public Information Center Display Board Document**" but in particular to the area comprised in the Savoy Crescent/Sedgewick perimeter. I must say that due to time constraint we totally neglected, including the building inspector to address the poor "Drainage" services available in the area, at the time we purchased this residence.

QUOTE:

- A- The genuine statistical expression (1 in 5 Year Storm or 1 in 100 Year Storm Event), is certainly no longer applicable. In fact, as a result of **climate changes** the unpredictable frequency of these "Events" have drastically increased causing, flow out of poorly maintained ditches/channels, flooded basement, stagnant waters and sluggish soil.
- B- The above "A" is further compounded by the fact that due to progress and evolution, the many decades old small bungalows, are replaced by larger foot print properties, the additional flow of water is surcharging the obsolete existing drainage system.
- C- The fact that many old residences have been built with driveways equal or below street level is poor conceptual design that will have also to be addressed.
- D- The **grading** in excess of 100 cm. of existing backyard properties, toward other residences, without any practical and efficient drainage system, is unconceivable, in view of the excessive amount of water redirected toward the latter.

I trust this brief summary will be of assistance to your Engineers, to design and built a cost effective and efficient drainage system in Coronation Park that will be functional for many decades to come.

Yours sincerely,





Phone calls:

, May 23, 2014 Voicemail, Ph:

- Returned call on May 26, 2014. Inquiry about what the drainage issues are, has a cost benefit analysis been completed? Resident is concerned that the new large development is causing the drainage issues and the solution is being paid for by all residents (houses that are not causing the problems).

A.Bancho (sp?), May 23, 2014 Voicemail,

- Returned call on May 26, 2014. Provided resident more information on the study.

Manzar Sharifi, May 26, 2014, Ph:

- Followed up on email re: paving driving. Resident was informed of the study schedule and that no work was planned for 2014 on Woodhaven.

May 26, 2014

- Resident has drainage issues in backyard, Development Engineering has been out to the site last year and told the resident that drainage problems are not caused by new larger homes upstream.

- Resident has backyard drainage issues, clogged drain pipe at ditch btwr _____ Town visited site on June 2, 2014.

- Resident wanted further information, will be away for PIC. I left a voicemail on May 27, 2014 with instructions for viewing of PIC material on Town website.

May 30, 2014 Voicemail,

- Returned phone call on June 2, 2014. The resident is concerned about deep ditches, would like to see infiltration trench with perforated pipe, some residents have filled in ditches. Issue has been raised by the resident with councilor.

Phone call June 14, 2014

- NW corner of Bayview and Belvedere is an issue. The ditch is very deep on this side, never any water in it. Resident feels it is a safety hazard, kids can fall in when cars drive by, would like to see this ditch eliminated.

, June 20, 2014, |

Constantly has standing water in ditch, ditch deeper than culvert would like to see this fixed.



PUBLIC INFORMATION CENTRE No. 2

To be the most livable town in Canada.

Published: Oakville Beaver
November 13, 2014 and

Coronation Park Drainage Improvements Municipal Class Environmental Assessment Study Public Information Centre #2

Wednesday, November 26, 2014 — 6–8 p.m.

Queen Elizabeth Park Community and Cultural Centre
Multi-Purpose Room #1/2
2302 Bridge Road Oakville L6L 2G6

Your Input is Important!

The Town of Oakville appreciates your feedback and we encourage you to get involved.

A Municipal Class Environmental Assessment (EA) was initiated to assess various drainage improvements in the Coronation Park area. The study will inform the development of a comprehensive drainage improvement plan for the Coronation Park community to address current drainage concerns.

The first public meeting for this study was held in June 2014 and presented background information and the results of the drainage system assessment. At this second meeting, town staff will share its findings resulting in the preferred solutions. You will see the alternative design concepts that were considered, have an opportunity to review the evaluation criteria and evaluation process, and comment on the preferred solutions. Town staff and its study consultant will be available to provide information and answer questions. This is an informal drop-in public meeting.

If you have any questions or cannot attend but would like to provide comments, please contact one of the project representatives. Public input and comments received by Friday, December 12, 2014 will be incorporated into the study.

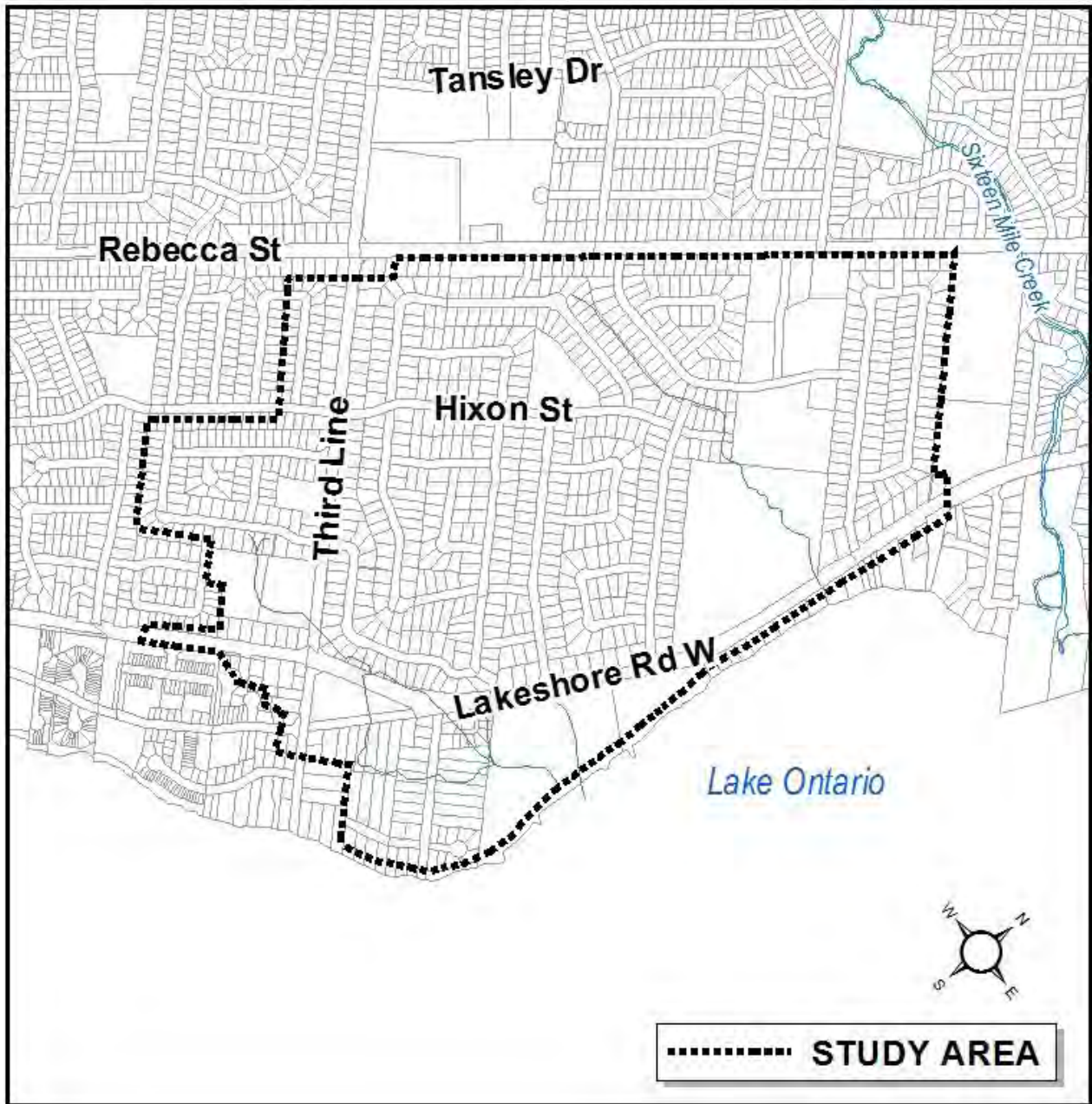
For more information on this study, please visit oakville.ca and search for Coronation Park Drainage.

The study is being conducted in compliance with Section A.2.7 Master Plans, as defined in the Municipal Engineers Association (MEA) Municipal Class EA document (October 2000, as amended in 2007 and 2011), which is an approved process under the *Ontario Environmental Assessment Act*. The study will address Phases 1 and 2 of the Class EA process, and fulfill requirements for Schedule B projects.

If you have any accessibility needs, please let us know as soon as possible by contacting one of the project representatives or by filling out the accessible online feedback form on oakville.ca.

Kasia Piskorz
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
905-845-6601, ext. 3533
TTY: 905-338-4200
kasia.piskorz@oakville.ca

Steve Chipps
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
905-335-2353
1-886-751-2353
steve.chipps@amec.com



Comments are collected under the authority of the *Environmental Assessment Act* for the purpose public consultation and will become part of the public record. If you have any questions regarding this collection of information please contact Kasia Piskorz, at 905-845-6601, ext. 3533 or at kasia.piskorz@oakville.ca



OAKVILLE

November 6, 2014

**Chief
Six Nations of Grand River Territory
1695 Chiefswood Road, PO Box 5000
Ohsweken , ON N0A 1M0**

Dear Sir /Madam:

**RE: Coronation Park Drainage Improvements
Municipal Class Environmental Assessment Study
Notice of Public Information Centre #2**

Date: Wednesday, November 26, 2014
Time: 6:00 to 8:00 p.m.
Location: Queen Elizabeth Park Community Centre
2302 Bridge Road, Oakville L6L 2G6
Multi-Purpose Room #1/2

The Town of Oakville is hosting this public meeting to give you an opportunity to review and discuss issues related to this project including an overview of alternative and preferred drainage improvements for the Coronation Park community to address previously identified drainage system deficiencies. Following the meeting, the material presented will be posted on the town's website; visit www.oakville.ca and search for Coronation Park Drainage Improvements.

The second public meeting will allow the public to review the alternative design concepts being considered, the evaluation criteria and evaluation process. At this meeting you will also have an opportunity to provide your input on the preferred solutions. Representatives from the Town of Oakville and AMEC (Engineering Consultant) will be available to provide information and answer questions.

Anyone with an interest in this study is invited to attend and provide comments. Comments received by Friday, December 12, 2014 will be incorporated into the study. To request additional information or provide comments, please contact one of the project representatives.

Sincerely,

Kasia Piskorz, Project Leader – Capital Projects, Engineering and Construction

Enclos: Notice of Public Information Centre #2
c.c. Steve Chipps, AMEC Environment &Infrastructure

To be the most livable town in Canada.

**Coronation Park Drainage Improvements
Municipal Class Environmental Assessment Study
Public Information Centre #2**

Wednesday, November 26, 2014 — 6–8 p.m.

**Queen Elizabeth Park Community and Cultural Centre
Multi-Purpose Room #1/2
2302 Bridge Road Oakville L6L 2G6**

Your Input is Important!

The Town of Oakville appreciates your feedback and we encourage you to get involved.

A Municipal Class Environmental Assessment (EA) was initiated to assess various drainage improvements in the Coronation Park area. The study will inform the development of a comprehensive drainage improvement plan for the Coronation Park community to address current drainage concerns.

The first public meeting for this study was held in June 2014 and presented background information and the results of the drainage system assessment. At this second meeting, town staff will share its findings resulting in the preferred solutions. You will see the alternative design concepts that were considered, have an opportunity to review the evaluation criteria and evaluation process, and comment on the preferred solutions. Town staff and its study consultant will be available to provide information and answer questions. This is an informal drop-in public meeting.

If you have any questions or cannot attend but would like to provide comments, please contact one of the project representatives. Public input and comments received by Friday, December 12, 2014 will be incorporated into the study.

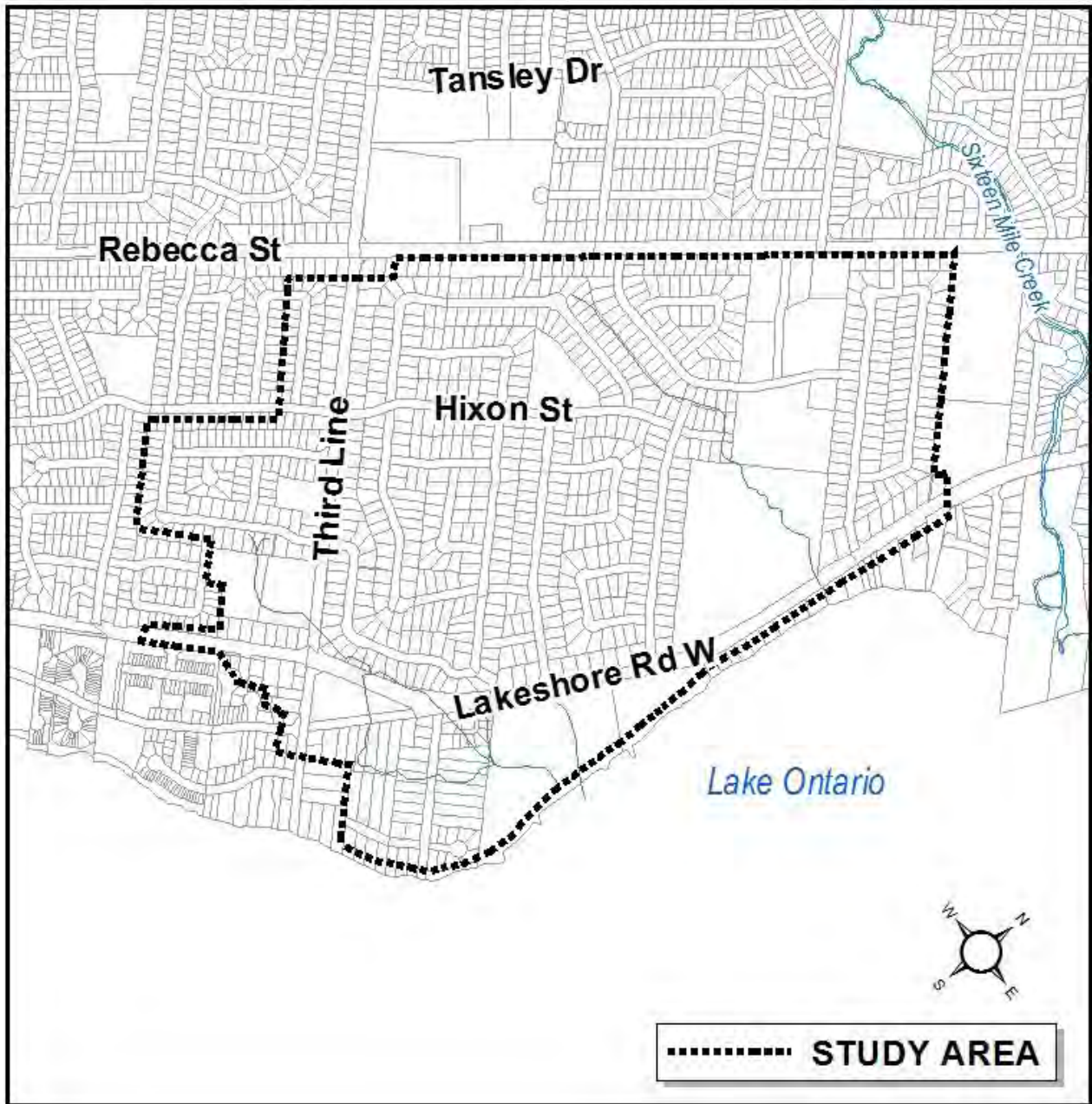
For more information on this study, please visit oakville.ca and search for Coronation Park Drainage.

The study is being conducted in compliance with Section A.2.7 Master Plans, as defined in the Municipal Engineers Association (MEA) Municipal Class EA document (October 2000, as amended in 2007 and 2011), which is an approved process under the *Ontario Environmental Assessment Act*. The study will address Phases 1 and 2 of the Class EA process, and fulfill requirements for Schedule B projects.

If you have any accessibility needs, please let us know as soon as possible by contacting one of the project representatives or by filling out the accessible online feedback form on oakville.ca.

Kasia Piskorz
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
905-845-6601, ext. 3533
TTY: 905-338-4200
kasia.piskorz@oakville.ca

Steve Chipps
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
905-335-2353
1-886-751-2353
steve.chipps@amec.com



Comments are collected under the authority of the *Environmental Assessment Act* for the purpose public consultation and will become part of the public record. If you have any questions regarding this collection of information please contact Kasia Piskorz, at 905-845-6601, ext. 3533 or at kasia.piskorz@oakville.ca



OAKVILLE

November 6, 2014

Coronation Park Residents Association

Dear Sir / Madam:

**RE: Coronation Park Drainage Improvements
Municipal Class Environmental Assessment Study
Notice of Public Information Centre #2**

Date: Wednesday, November 26, 2014
Time: 6:00 to 8:00 p.m.
Location: Queen Elizabeth Park Community Centre
2302 Bridge Road, Oakville L6L 2G6
Multi-Purpose Room #1/2

The Town of Oakville is hosting this public meeting to give you an opportunity to review and discuss issues related to this project including an overview of alternative and preferred drainage improvements for the Coronation Park community to address previously identified drainage system deficiencies. Following the meeting, the material presented will be posted on the town's website; visit www.oakville.ca and search for Coronation Park Drainage Improvements.

The second public meeting will allow the public to review the alternative design concepts being considered, the evaluation criteria and evaluation process. At this meeting you will also have an opportunity to provide your input on the preferred solutions. Representatives from the Town of Oakville and AMEC (Engineering Consultant) will be available to provide information and answer questions.

Anyone with an interest in this study is invited to attend and provide comments. Comments received by Friday, December 12, 2014 will be incorporated into the study. To request additional information or provide comments, please contact one of the project representatives.

Sincerely,

Kasia Piskorz, Project Leader – Capital Projects, Engineering and Construction

Enclos: Notice of Public Information Centre #2
c.c. Steve Chipps, AMEC Environment & Infrastructure

To be the most livable town in Canada.

**Coronation Park Drainage Improvements
Municipal Class Environmental Assessment Study
Public Information Centre #2**

Wednesday, November 26, 2014 — 6–8 p.m.

**Queen Elizabeth Park Community and Cultural Centre
Multi-Purpose Room #1/2
2302 Bridge Road Oakville L6L 2G6**

Your Input is Important!

The Town of Oakville appreciates your feedback and we encourage you to get involved.

A Municipal Class Environmental Assessment (EA) was initiated to assess various drainage improvements in the Coronation Park area. The study will inform the development of a comprehensive drainage improvement plan for the Coronation Park community to address current drainage concerns.

The first public meeting for this study was held in June 2014 and presented background information and the results of the drainage system assessment. At this second meeting, town staff will share its findings resulting in the preferred solutions. You will see the alternative design concepts that were considered, have an opportunity to review the evaluation criteria and evaluation process, and comment on the preferred solutions. Town staff and its study consultant will be available to provide information and answer questions. This is an informal drop-in public meeting.

If you have any questions or cannot attend but would like to provide comments, please contact one of the project representatives. Public input and comments received by Friday, December 12, 2014 will be incorporated into the study.

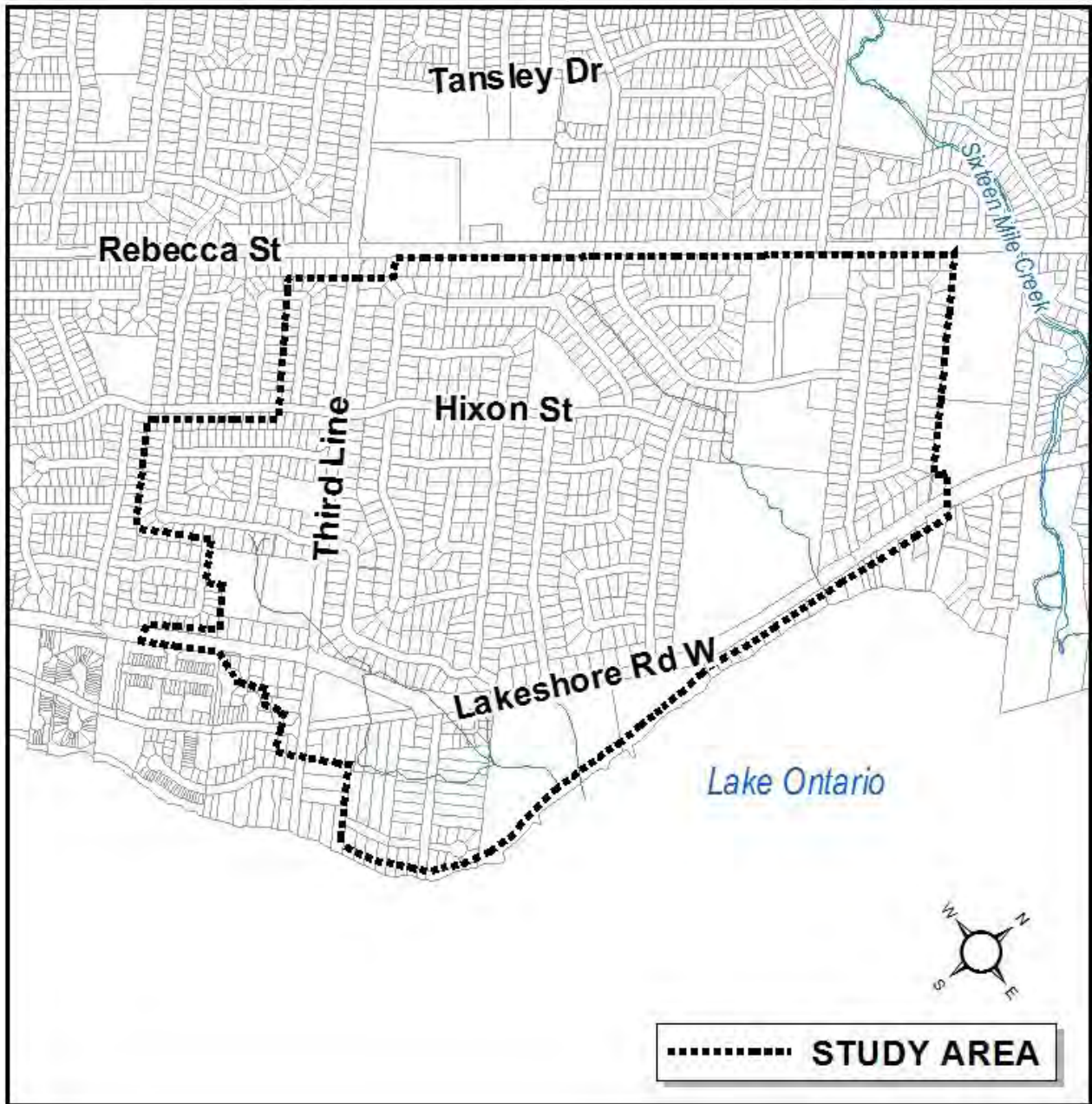
For more information on this study, please visit oakville.ca and search for Coronation Park Drainage.

The study is being conducted in compliance with Section A.2.7 Master Plans, as defined in the Municipal Engineers Association (MEA) Municipal Class EA document (October 2000, as amended in 2007 and 2011), which is an approved process under the *Ontario Environmental Assessment Act*. The study will address Phases 1 and 2 of the Class EA process, and fulfill requirements for Schedule B projects.

If you have any accessibility needs, please let us know as soon as possible by contacting one of the project representatives or by filling out the accessible online feedback form on oakville.ca.

Kasia Piskorz
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
905-845-6601, ext. 3533
TTY: 905-338-4200
kasia.piskorz@oakville.ca

Steve Chipps
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
905-335-2353
1-886-751-2353
steve.chipps@amec.com



Comments are collected under the authority of the *Environmental Assessment Act* for the purpose public consultation and will become part of the public record. If you have any questions regarding this collection of information please contact Kasia Piskorz, at 905-845-6601, ext. 3533 or at kasia.piskorz@oakville.ca

Public Information Centre # 2

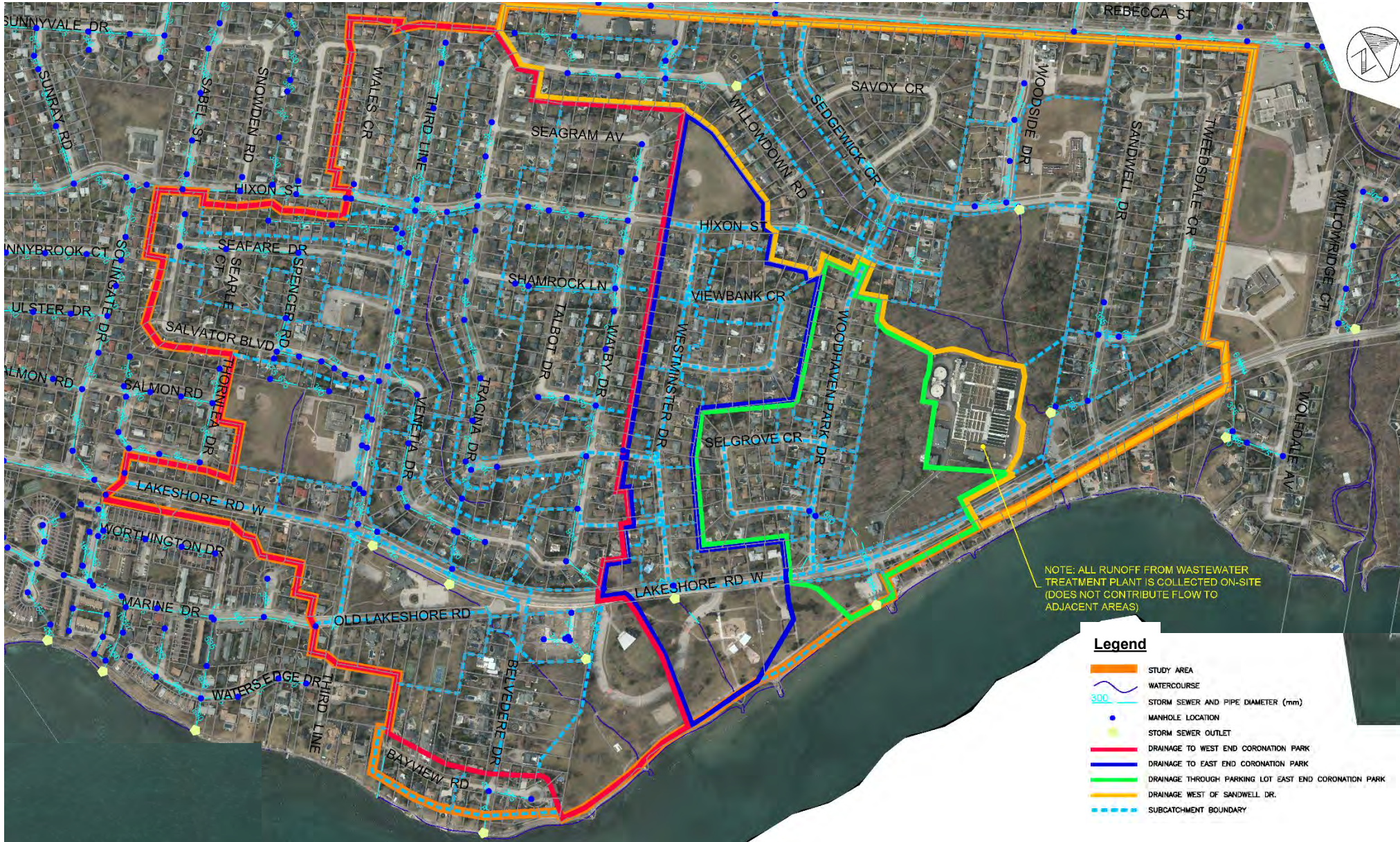
Coronation Park Drainage Improvements

Town of Oakville

November 26, 2014

Municipal Class Environmental Assessment







Why are we here?

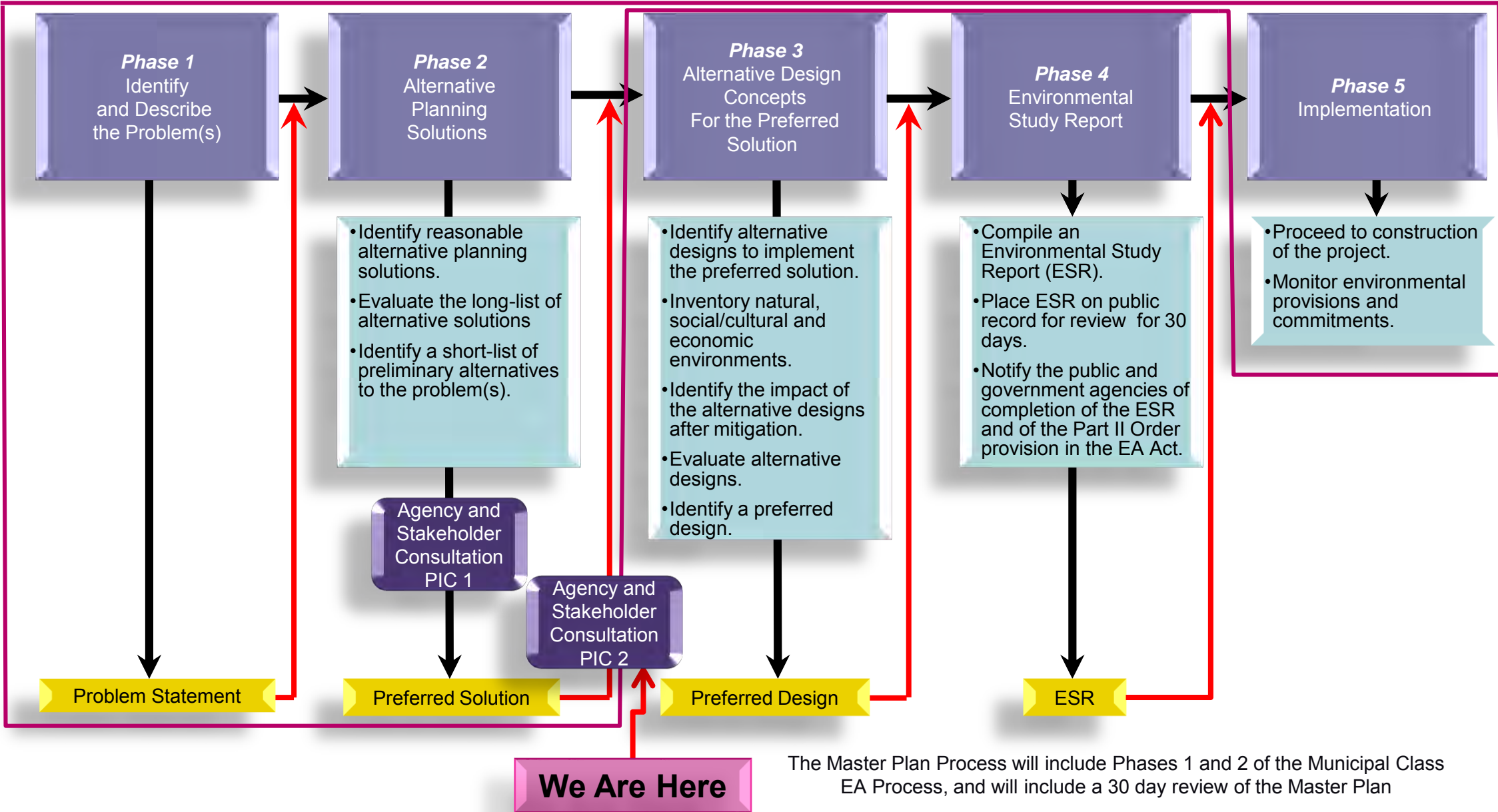
- The Town is undertaking a study investigating possible drainage improvements for the Coronation Park Community
- The first Public Information Centre (PIC) was held June 4, 2014 to obtain input from the public on drainage issues within the study area.
- The purpose of this second PIC is to present the subsequent assessment and resulting preliminary preferred solutions and receive input from the public

Problem Statement

- The study has identified and confirmed drainage issues (i.e. standing water within ditches, deteriorating driveway culverts, minor ditch erosion and inadequate flow capacity) and developed preferred solutions to address these issues (such as storm sewer capital projects) within the Coronation Park Community














Municipal Class Environmental Assessment

- The study will be conducted as a Master Plan, as defined in the Municipal Engineers Association Municipal Class EA document (2011) (Class EA), which is an approved process under the Ontario Environmental Assessment Act. The study will address the first two phases of the Class EA process, specifically, schedule A and Schedule B projects
- Future municipal projects will use the Master Plan as guidance to satisfy the EA process





Legend

-  Study Area Boundary
-  Watercourse
-  Storm Sewer and Pipe Diameter (mm)
-  Manhole Location
-  Storm Sewer Outfall
-  Minor Erosion Noted
-  Moderate Erosion Noted
-  Damaged or Obstructed Culvert (Driveway)
-  Damaged or Obstructed Culvert (Roadway)
-  Flow Obstruction
-  Standing Water in Ditch/Channel
-  Modeled Capacity Deficiency (Storm Sewer)
-  Modeled Capacity Deficiency (Overland Flow)




Note
 Driveway culverts & standing water observations based on field reconnaissance and public input. Issues shown may not reflect all existing deficiencies.



The following alternatives have been considered as part of a long-list to address the deficiencies identified with both the minor (storm sewer & culvert) system and major (roadway drainage) system. (Those alternatives identified with an check mark have been carried forward for further consideration). The others have been screened due to infeasibility and/or impracticality.

Long-List of Alternatives	Carried Forward	
	Minor	Major
1. Do Nothing	✓	✓
2. Increase size of storm sewers and culverts	✓	✓
3. Oversized pipes to provide stormwater storage with flow controls (storm sewers)		
4. On-site Stormwater Management (SWM) on private properties		
5. Storage areas within available public spaces (off-line in overflow areas)		
6. Retrofits to existing SWM facilities to provide additional flow control (modifications)		
7.A Storm sewer - Flow diversions (local inter-catchment)	✓	
7.B Overland flow - Modify grading on private property to mitigate flooding		
8.A Storm sewer - Roof leader/foundation drain disconnection		
8.B Overland flow - Modify grading with in road right-of-way to mitigate flooding		✓
9. Low Impact Development Best Management Practices (LID BMPs)	✓	
10. New drainage system outlets (new storm sewer systems)	✓	
11. Combinations	✓	✓

Evaluation Criteria	Description	Alternative 1 Do Nothing	Alternative 2 Increase size	Alternative 8B Grading (public)	Alternative 9 LID/BMP	Alternative 10 New Storm Sewer Systems	Alternative 11 Combinations
Functional	Extent to which the alternative addresses the Drainage System Flow Capacity Deficiencies	Red	Orange	Yellow	Orange	Light Green	Green
Environmental	Impacts to Lake Ontario (shoreline, erosion, water quality)	Green	Light Green	Orange	Green	Orange	Orange
Social	Ability to Improve Public Safety	Red	Orange	Yellow	Orange	Light Blue	Light Blue
	Impacts on Private Properties	Green	Orange	Yellow	Light Green	Yellow	Yellow
	Impact on Public Lands	Green	Orange	Orange	Orange	Orange	Orange
Economical	Capital Costs	Green	Yellow	Yellow	Light Green	Orange	Orange
	Operations and Maintenance Costs	Green	Light Green	Light Green	Orange	Yellow	Yellow
Constructability	Ease of Construction and Accessibility	Green	Orange	Light Green	Light Green	Yellow	Yellow
	Construction staging and timing	Green	Light Green	Yellow	Yellow	Light Green	Light Green
Legend	 Most Preferred Least Preferred	Red	Orange	Light Green	Yellow	Green	Green

** Alternative 1 has not been carried forward as it does not address the problem statement.



The following Alternative Concepts have been assessed:

Alternative 1: “Do Nothing”

- Serves as a baseline condition to compare the technical performance of all other alternatives and is required by the Municipal Class EA process
- This alternative does not provide measures to reduce or mitigate the existing problems, conditions and risks

City of Hamilton - Red Hill Valley Parkway near Barton Street (July 26, 2009)



City of Hamilton - Rosedale Area (July 26, 2009)





Legend

- Study Area Boundary
- Watercourse
- Storm Sewer and Pipe Diameter (mm)
300
- Proposed New Storm Sewer/Culvert
- Proposed Upgraded Storm Sewer/Culvert
- Proposed Roadway drainage Improvement
- Proposed Re-graded Open Channel



Alternative 2: Increase Size of deficient Storm Sewers/Culverts

- Most effective, although there are possible issues related to cost and existing utility conflicts, as well as required ground cover.
- In combination with other alternatives this alternative provides a viable solution to the problem statement



Legend

- Study Area Boundary
- Watercourse
- Storm Sewer and Pipe Diameter (mm)
300
- Proposed Upgraded Storm Sewer/Culvert

Alternatives Assessed	Carried Forward
2.1 - Culvert beneath pathway (Tracina Dr. & Venetia Dr.)	✓
2.2 - Storm sewer between Tracina Dr. and Venetia Dr.	✓
2.3 - Culvert at Lakeshore/Westminster	
2.4 - Culvert at WWTP	



Alternative 7A: Flow Diversions

- Considered applicable for storm sewer system only
- Assumes nearby storm sewer system with sufficient additional capacity and physically possible given grades and utilities
- No available storm sewers for diversions
- Considered further as part of Alternatives 10 & 11 (new storm sewer and combinations)

Alternative 8B: Modify grading on private property (7B) or public property (8B) to mitigate flooding

- Could include roadways as well as open culverts and ditches
- In combination with other alternatives this alternative provides a viable solution to the problem statement





Alternative 8B: Modify Grading on Public Property



Alternatives Assessed	Carried Forward
8B-1 - Third Line sag point (between Seafare Dr and Salvator Blvd)	
8B-2 - Roadway drainage system deficiencies along Walby Drive	
8B-3 - Divert major flows from Walby Dr. along Warland Rd. to Westminster Dr.	
8B-4 - Divert major flows from Walby Dr. along Trenton Rd. to Westminster Dr.	
8B-5 - Western channel in Coronation Park	
8B-6 - Eastern channel in Coronation Park	✓
8B-7 - Reverse sloped outfall channel in Sedgewick Forest	✓
8B-8 - Roadway drainage system Improvements along Lakeshore Road	✓
8B-9 - Roadway drainage system Improvements along Westminster Drive	✓
8B-10 - Roadway drainage system Improvements along Woodhaven Park Drive	✓
8B-11 Roadway drainage system improvements on Sandwell Dr. and Tweedsdale Cr)	

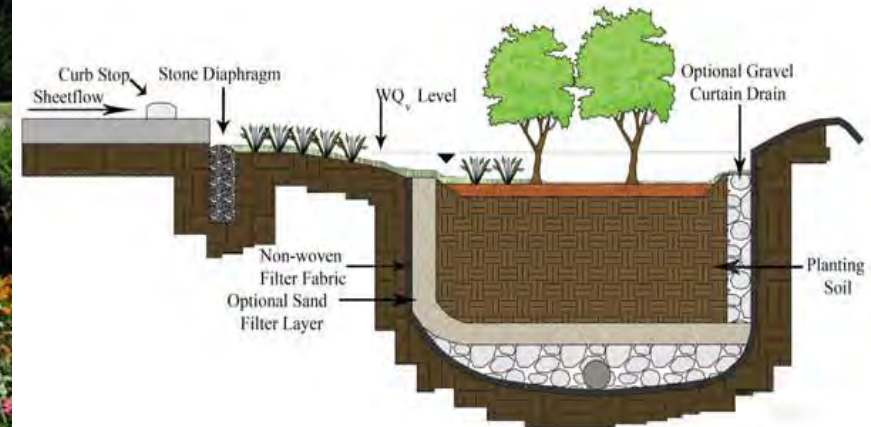
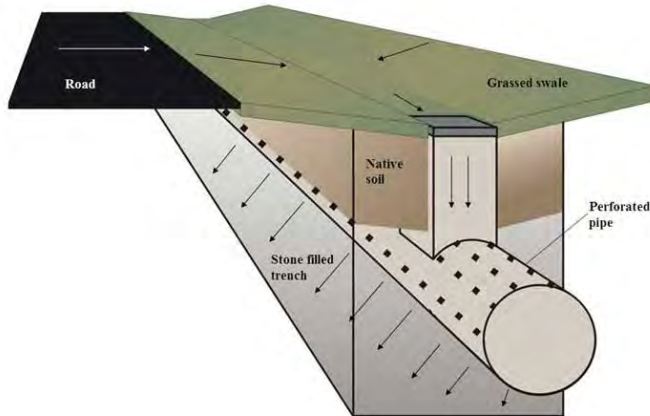
Legend

- Study Area Boundary
- Watercourse
- Storm Sewer and Pipe Diameter (mm)
- Proposed Roadway Drainage Improvements
- Proposed Re-graded Open Channel



Alternative 9: Low Impact Development Best Management Practices (LID BMPs)

- Preferred techniques; bioswales, bioretention areas and exfiltration pipes - which can be combined with roadworks (Alternative 11)
- Considered appropriate for drainage system performance under smaller storm events as well as water quality
- Constrained by site-specific limitations (such as available space, grading, utilities, soils, groundwater levels, etcetera) - requires field investigations to confirm suitability
- Can be applied within both public and private lands
- In combination with other alternatives this alternative provides a viable solution to the problem statement





Alternative 10: New Drainage System Outlets - (New Storm Sewers)

- Considered appropriate for drainage system performance under smaller storm events only, some benefit in addressing roadway drainage system issues
- Where grades and locations are suitable; the following should be considered further
- In combination with other alternatives this alternative provides a viable solution to the problem statement

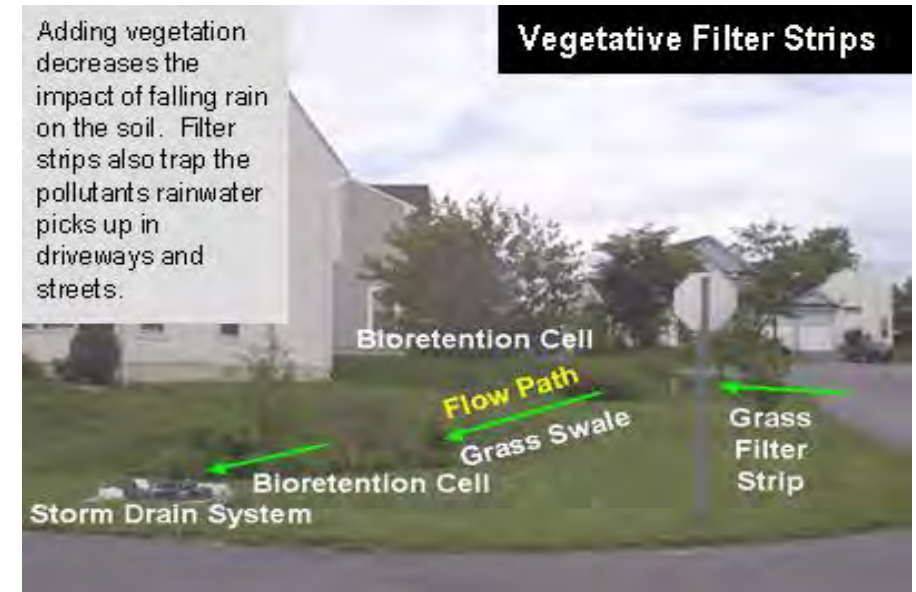


Alternatives Assessed	Carried Forward
10-1 - New storm sewer adjacent to 2033 Lakeshore Road West	
10-2 - New storm sewer through Oakville Christian School	✓
10-3 - New storm sewer along Third Line	
10-4 - New storm sewer along Belvedere Drive to West Channel	
10-5 - New storm sewer along Belvedere Drive to Lake Ontario	
10-6 - New storm sewer to West Channel near Walby Drive	
10-7 - New storm sewer to East Channel	✓
10-8 - New storm sewer along Westminster Drive to East Channel	✓
10-9 - New storm sewer along Woodhaven Park Drive to East Channel	
10-10 - New storm sewer along Woodhaven Park Drive to existing storm sewer	✓



Alternative 11: Combinations

- Likely appropriate for both storm sewer and roadway drainage system issues where no single alternative is sufficient to fully address identified issues
- Applied in this study:
 - Preferred solution includes combinations of storm sewer and roadway drainage system improvements
- This alternative provides a viable solution to the problem statement





Legend

- Study Area Boundary
- Watercourse
- Storm Sewer and Pipe Diameter (mm)
- Proposed New Storm Sewer/Culvert
- Proposed Upgraded Storm Sewer/Culvert
- Proposed Roadway drainage Improvement
- Proposed Re-graded Open Channel



- Re-graded channel within Coronation Park to receive flows from Westminster Dr. and Lakeshore Rd. West storm sewers
- New storm sewers and ditch improvements on Westminster Dr. and outlet improvements
- New storm sewer and ditch improvements on Woodhaven Park Dr. and outlet improvements
- New trunk storm sewer along Lakeshore Rd West (Third Line – Coronation Park)
- Overland flow system improvements along Lakeshore Rd. West in conjunction with new trunk storm sewer to convey overland flow from Third Line to Coronation Park and to further reduce flows within ditch system crossing Belvedere Dr.
- Culvert and storm sewer upgrades on Tracina Dr. and Venetia Dr.
- Drainage assessment of channel behind Oakville Christian School
- Re-graded channel in Sedgwick Forest
- Low impact development will be considering during detailed design



- The remaining capital projects identified as part of this EA will be considered for inclusion in future 10yr capital budget forecast
- Drainage improvements to Lakeshore Rd. West will be further assessed during Lakeshore Rd. West Class EA



- Receive public comments by December 12, 2014
- Review and consider public comments and confirm or refine preferred solution
- Prepare, document and file description of preferred solutions in a Master Plan document for a 30 day public review period
- Prepare Staff Report to Community Services Committee (CSC) for consideration and approval (early 2015)
- Recommendations from this study to be included for consideration in the Storm Sewer Master Plan

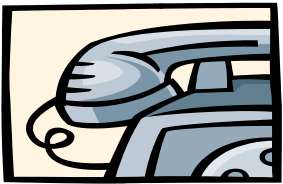
Please complete a comment sheet

- By mail, phone, fax or e-mail



Kasia Piskorz, P.Eng.
Project Leader
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Fax: 905-338-4159
Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-886-751-2353
Fax: 905-335-1414
Email: steve.chipps@amec.com



**Please submit comments no later than
December, 12 2014**

Thank you for your participation!

Dearlove, Heather

From: Chipps, Steve
Sent: November-12-14 4:21 PM
To: Stone, Danny
Subject: FW: Coronation Park Drainage Improvements EA - Oakville
Attachments: Scanned from ONP2F00810261001.PDF

Follow Up Flag: Follow up
Flag Status: Flagged

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

From: Burkart, Jackie (MNRF) [mailto:Jackie.Burkart@ontario.ca]
Sent: November-12-14 3:39 PM
To: Kasia.piskorz@oakville.ca
Cc: Chipps, Steve; Hislop, Chris (MNRF); Stanley, Elizabeth (MNRF)
Subject: Coronation Park Drainage Improvements EA - Oakville

Hi Kasia,

Staff of the Ministry of Natural Resources and Forestry (MNRF) have received the Notice of PIC#2 for the subject EA. Please note that there are species at risk in and adjacent to the study area. Early consultation with MNRF staff (Elizabeth Stanley has been copies on this email) is recommended. Additionally, given the proximity of this study to Lake Ontario, the Public Lands Act may be triggered (Chris Hislop has been copies on this email) .

Sincerely,

Jackie Burkart
District Planner

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

Dearlove, Heather

From: Chipps, Steve
Sent: November-13-14 10:39 AM
To: Stone, Danny
Subject: FW: Coronation Park EA Study - Coronation Park Drainage Improvements
Attachments: Initial Fax-Back Form and ARLs.pdf

Steve Chipps P.Eng

Associate
Amec Foster Wheeler plc
Environment & Infrastructure

3215 North Service Road
Burlington, ON L7N 3G2 Canada

D (905) 335-2353
M (289) 208-4576
E steve.chipps@amecfw.com
amecfw.com

From: Katie Jane Harris [<mailto:kjharris@hrca.on.ca>]
Sent: November-13-14 10:32 AM
To: kpiskorz@oakville.ca
Cc: Chipps, Steve
Subject: Coronation Park EA Study - Coronation Park Drainage Improvements

Good Morning,

Conservation Halton (CH) is in receipt of the Notice of Public Information Centre #2, to be held on November 26, 2014. I have attached CH's comments from the initial notice for reference.

Unfortunately, as the project manager on the file I am not going to be available the week of November 24th and was hoping that the Town could provide the information to be presented on the 26th to CH directly either by inter-office courier, email or by dropbox. That way I could circulate the information in advance of my absence and work towards having comments back to the Town by the 12th of December.

If the Town can provide hardcopies of the EA, it will make CH's review more efficient if we are provided three (3) copies of the EA document.

Thank you and Best Regards,
Katie Jane

Katie Jane Harris, B.E.S.
Environmental Planner

Conservation Halton
2596 Britannia Road West, Burlington, ON L7P 0G3
905.336.1158 ext. 2231 | Fax 905.336.7014 | kjharris@hrca.on.ca
conservationhalton.ca

Thank you for thinking about the environment before printing this e-mail. If you are not an intended recipient, you must not disclose, copy, or distribute its contents or use them in any way. Please advise the sender immediately and delete this e-mail.

Dearlove, Heather

Subject: FW: Aboriginal Consultation: Coronation Park Drainage Improvements Municipal Class Environmental Assessment Study - Notice of Public Information Centre #2 - Ontario

From: CAU-UCA [<mailto:CAU-UCA@aadnc-aandc.gc.ca>]

Sent: January-21-15 10:09 AM

To: Chipps, Steve; Kasia.piskorz@oakville.ca

Subject: Aboriginal Consultation: Coronation Park Drainage Improvements Municipal Class Environmental Assessment Study - Notice of Public Information Centre #2 - Ontario

**The Aboriginal and Treaty Rights Information System (ATRIS) and the
Consultation Information Service of
Aboriginal Affairs and Northern Development Canada (AANDC)**

The Consultation Information Service of Aboriginal Affairs and Northern Development Canada (AANDC) has recently received communication regarding your project. Please note that AANDC officials *do not* participate in environmental assessments that pertain to projects off-reserve, nor does the department track how other parties carry out their EAs. Only when a project intersects with reserve land, should the Environmental Unit of AANDC be contacted. Therefore, I ask that you omit AANDC officials from your contact list for this project and any future projects.

AANDC has launched the Aboriginal and Treaty Rights Information System (ATRIS) which has become the main platform for Canada to disseminate its real or constructive knowledge of section 35 rights. This Web-based system uses a mapping interface to provide information to federal officials and other interested parties on the location and nature of established and potential Aboriginal and Treaty rights. With ATRIS bringing together information regarding Aboriginal groups such as their exact location, their established rights (through treaties and other agreements) and their asserted rights through claim processes it enables users to relate many types of AANDC corporate data within a geographical and consultation context.

You can go directly to http://sidait-atris.aadnc-aandc.gc.ca/atris_online/ and begin research in ATRIS. At the ATRIS "Help" button, there are answers to frequently asked questions, a glossary, and instructions on how to navigate the system. Please familiarize yourself with the information available there so you can carry out your research using ATRIS.

Public webinar training will be held:

Tuesday January 27, 2015 - French Session: 11:00 am (EST)

Tuesday January 27, 2015 - English session: 1:00 pm (EST)

Tuesday February 24, 2015 - French Session: 11:00 am (EST)

Tuesday February 24, 2015 - English session: 1:00 pm (EST)

Please keep in mind that some of the information provided by ATRIS will be contextual. Depending on your project, the information that comes up in a search may or may not pertain to Aboriginal or

treaty rights in your particular project area. In most cases, therefore, the Aboriginal communities identified by ATRIS are best placed to explain their traditional use of land, their practices, or their claims that may fall under section 35 of the *Constitution Act, 1982*.

If you have specific questions on how to conduct research using ATRIS, we will endeavour to assist you if you contact the Consultation Information Service (CIS) through the e-mail address: UCA-CAU@aadnc-aandc.gc.ca. Should you have comments regarding the contents in ATRIS, please complete the "Provide Feedback" form available in the "Help" or provide them through e-mail. Your input is valuable as ATRIS is continually evolving through the addition of new information and the observations and contributions of users.

If you do not have the latest version of Adobe Flash Player this may affect the performance of your webinar. You can download the latest version of Adobe Flash Player here:

<https://conference.aadnc-aandc.gc.ca/common/help/en/support/downloads.htm>

To participate in a Training Session, please follow these instructions a few minutes before the session:

1. Click this link: <https://conference.aadnc-aandc.gc.ca/r8qrq5u7yvj/>

2. Log in:

Select 'Enter as a Guest' and then enter your first and last name. Then click on 'Enter' to access the Webinar.

3. Phone in:

- To hear the instructor's voice during the conference dial 1-866-885-0884.
- Select 2 for English then Select 1 to participate in the audio conference
- Enter the 4 digit conference pass code: **4326#**

To contact ATRIS, please send email to: ATRIS-SIDAIT@aadnc-aandc.gc.ca.

ATRIS is an evolving and dynamic tool and the information housed in it changes and evolves frequently. Should you have any comments on the information presented in ATRIS or wish to share additional information on your community or organization please complete the "Provide Feedback" form available in the "Help File" of ATRIS, or contact us at UCA-CAU@aadnc-aandc.gc.ca

Consultation and Accommodation Unit
Aboriginal Affairs and Northern Development Canada
10 Wellington Street
Gatineau QC, K1A 0H4
UCA-CAU@aadnc-aandc.gc.ca

Dearlove, Heather

Subject: FW: Coronation Park Drainage Improvements Class EA

From: Berube, Margaret (MNRF) [<mailto:Margaret.Berube@ontario.ca>]

Sent: Wednesday, March 04, 2015 6:25 PM

To: Kasia Piskorz

Subject: RE: Coronation Park Drainage Improvements Class EA

Hi Kasia,

Sorry for the delay in getting back to you. Thank you for your email – based on this additional information and the map you attached, we have no further concerns relating to species at risk for this project at this time.

Margaret

From: Kasia Piskorz [<mailto:kasia.piskorz@oakville.ca>]

Sent: February-27-15 2:14 PM

To: Berube, Margaret (MNRF)

Cc: Stanley, Elizabeth (MNRF); Senior, Matt (matt.senior@amecfw.com); Chipps, Steve

Subject: RE: Coronation Park Drainage Improvements Class EA

Hi Margaret,

As discussed on the phone earlier today please find attached a pdf of a map with the preferred solutions identified for the Town of Oakville Coronation Park Drainage Improvements Class EA.

Fourteen Mile Creek is located east of the study area boundary. The solutions identified are all to systems that drain into Lake Ontario. The nearby solutions to Fourteen Mile Creek include the re-grading of a reverse slope channel near Woodside Drive and a new storm sewer on Woodhaven Drive which includes an upgrade to an existing outlet to Lake Ontario. These solutions are approximately 600 m and 800 m from Fourteen Mile Creek, respectively.

If you have any questions or require any further information please do not hesitate to contact me.

Thank you,

Kasia Piskorz, P.Eng
Project Leader - Capital Projects
Engineering and Construction

Town of Oakville | 905-845-6601 ext.3533 | f: 905-338-4159 | www.oakville.ca



Vision: To be the most livable town in Canada

Please consider the environment before printing this email.

<http://www.oakville.ca/privacy.html>

From: Berube, Margaret (MNRF) [<mailto:Margaret.Berube@ontario.ca>]

Sent: Wednesday, December 24, 2014 8:57 AM

To: Kasia Piskorz

Cc: Stanley, Elizabeth (MNRF)
Subject: RE: Coronation Park Drainage Improvements Class EA

Thanks, Kasia.

Does any water from the study area flow into Fourteen Mile Creek? Or do all of the systems drain into Lake Ontario? Have you calculated the meander belt for Fourteen Mile Creek where it flows parallel to the study area to the lake? Are any works being proposed within the meander belt or within vegetated areas that are within 30m of the meander belt? The creek, meander belt, and vegetated areas within 30m of the meander belt are regulated Redside Dace (endangered) habitat.

Margaret

From: Kasia Piskorz [<mailto:kasia.piskorz@oakville.ca>]
Sent: December-03-14 9:58 AM
To: Berube, Margaret (MNRF)
Cc: Chipps, Steve (steve.chipps@amecfw.com); Stone, Danny (danny.stone@amecfw.com)
Subject: Coronation Park Drainage Improvements Class EA

Hi Margaret,

As requested please find attached the shape files for the study area limits for the Coronation Park Drainage Improvements Class Environmental Assessment. The study site coordinates are NAD 1983 UTM Zone 17N.

Further study material can be found on the Town website. Please go to www.oakville.ca and search for Coronation Park Drainage Improvements to review the information shown at the public information centers held in June 2014 and November 2014.

Once the project file is complete it will be posted on the Town website for a 30 day review period. If you would like to receive hard copies please let me know. And if you have any questions please do not hesitate to contact me.

Thank you,

Kasia Piskorz,
Project Leader - Capital Projects
Engineering and Construction
Town of Oakville | 905-845-6601 ext.3533 | f: 905-338-4159 | www.oakville.ca



Vision: To be the most livable town in Canada

Please consider the environment before printing this email.
<http://www.oakville.ca/privacy.html>

Kasia Piskorz
Project Leader - Capital Projects
Engineering and Construction
Town of Oakville | 905-845-6601, ext.3533 | f: 905-338-4159 | www.oakville.ca

Dearlove, Heather

From:
Sent: December-02-14 5:07 PM
To: Kasia Piskorz
Subject: Re: Coronation Park Drainage PIC#2 Comment Form

Hello,

Thank you very much for looking into this issue for me - I appreciate the time spent to investigate and the resultant contact info.

On Dec 2, 2014, at 4:46 PM, Kasia Piskorz <kasia.piskorz@oakville.ca> wrote:

Thank you for your interest in the Coronation Park Drainage Improvements Class Environmental Assessment.

On your comment form submitted during the November 26, 2014 public meeting you had inquired about the stakes on the west side of Third Line near Salvator Boulevard. I have looked into your inquiry and the stakes are for the Halton Region effluent outfall pipe. The pipe is being installed from the Mid-Halton Wastewater Treatment Plant to Lake Ontario by tunneling under Third Line. The stakes could be related to locations of future vents which are required for the pipe construction. More information about the project can be found on the Halton Region website www.halton.ca. The contact for the Halton Region project manager is Brenda Kingsmill, phone no. 905-825-6000 ext. 7622, email brenda.kingsmill@halton.ca. If you would like further information please contact Ms. Kingsmill for details on the project.

If there is anything else that I can help you with please do not hesitate to contact me.

Sincerely,

Kasia Piskorz
Project Leader - Capital Projects
Engineering and Construction
Town of Oakville | 905-845-6601, ext.3533 | f: 905-338-4159 | www.oakville.ca

Vision: To be the most livable town in Canada

Please consider the environment before printing this email.
<http://www.oakville.ca/privacy.html>

Dearlove, Heather

From:
Sent: February-06-15 4:39 PM
To:
Cc:
Subject: RE: Storm Water Drainage issues on Westminster Drive - Oakville

I appreciate the update, and also appreciate your crews unthawing and clearing the culvert. I will investigate the break in the sump line and correct it in the Spring.

The problem of standing water in the Culverts along Westminster however remains a very serious problem in our neighborhood. I understand through Kasia that there was originally a plan to review and address the situation possibly as soon as next summer, but now this has been wrapped up in a region-wide review which may end up taking several years, likely delaying any plans to address the situation on Westminster indefinitely. This is very disappointing. In our 8 years of living on Westminster we have experienced severe flooding in our basement twice as a result of the Culverts on our streets not being able to handle storm water runoff. I'm not normally one to complain, as a matter of fact in 30+ years of home ownership, this is the first time I've actually lodged a formal complaint of any kind with any municipality.

However, the state of the substandard Drainage on our street is a very a serious concern for us. It has the potential of impacting our health (standing water = serious health risks) and financial stability (flooding to our personal property as a result of sub-standard drainage on City property = heavy repair costs).

All we (the residents) can hope is that someone with some authority will hear our concerns and make the decision to expedite the process of addressing the drainage issues in our neighborhood sooner rather than later. In the meantime, we will continue to press and document our complaints. Thanks for hearing me out.

Regards,

From: ServiceOakville@oakville.ca

iskorz@oakville.ca

Subject: RE: Storm Water Drainage issues on Westminster Drive - Oakville

Date: Fri, 6 Feb 2015 20:54:44 +0000

After some follow up we can advise you of the following:

January 30th - Crews thawed the culvert at
middle which we cleared.

and found a very large bees nest in the

It was also noted that are 2 – 4 inch solid pipes that run under the grass line from your sump pump to the culvert. At the centre of your property there is a large frozen section of water which appears to be where the hook up is for the sump pump. It appears that there is a break in the line(s) where the sump water is escaping and freezing.

Since the sump pump and connections privately owned and are not town issued/owned/installed, we would not be digging up these pipes for repair.

Best regards,

From: Kasia Piskorz

Sent: Friday, February 06, 2015 9:21 AM

Cc: Lynn Ferguson

Subject: RE: Storm Water Drainage issues on Westminster Drive - Oakville

will follow up with Service Oakville and Roads and Works and get back to you.

Regards,

Kasia Piskorz, P.Eng
Project Leader - Capital Projects
Engineering and Construction

Town of Oakville | 905-845-6601 ext.3533 | f: 905-338-4159 | www.oakville.ca



Vision: To be the most livable town in Canada

Please consider the environment before printing this email.

<http://www.oakville.ca/privacy.html>

Sent: Friday, February 06, 2015 9:19 AM

To: ServiceOakville; Kasia Piskorz

Subject: RE: Storm Water Drainage issues on Westminster Drive - Oakville

Hello,

Pls refer to the confirmation e-mail below from January 29th. Would you please let me know what steps were taken to address my concern and what the final outcome was, for my records. I'm looking for specific details, please. I have been on vacation, but came back home last night to find that no action had been taken in the Culvert in-front of my property to address my concerns.

From: ServiceOakville@oakville.ca

To: kasia.piskorz@oakville.ca; michaelpinet@hotmail.com

Subject: RE: Storm Water Drainage issues on Westminster Drive - Oakville

Date: Thu, 29 Jan 2015 16:30:44 +0000

Thank you for your email. Your concerns have been sent to the Roads and Works Department, your service request number is 210983. Inspection will take place within 3 business days.

ServiceOakville | Town of Oakville | 905-845-6601 | www.oakville.ca

Vision: To be the most livable town in Canada

Please consider the environment before printing this email.

<http://www.oakville.ca/privacy.html>

From: Kasia Piskorz

Sent: Wednesday, January 28, 2015 4:16 PM

To: ServiceOakville

Subject: RE: Storm Water Drainage issues on Westminster Drive - Oakville

Good Afternoon,
Please refer to the email below.

Mr. Michael Pinet from [REDACTED] is concerned about the ice buildup in the ditches on Westminster Drive. In his email he has noted that only some of the ditches and culverts have been cleared of ice last night. He would like to see all the ice cleared from the ditches near his property and the rest of Westminster Drive.

Can you please follow up. If you need any further information please let me know.

Thanks,

Kasia Piskorz, P.Eng
Project Leader - Capital Projects
Engineering and Construction

Town of Oakville | 905-845-6601 ext.3533 | f: 905-338-4159 | www.oakville.ca



Vision: To be the most livable town in Canada

Please consider the environment before printing this email.

<http://www.oakville.ca/privacy.html>

Kasia Piskorz
Project Leader - Capital Projects
Engineering and Construction

Town of Oakville | 905-845-6601, ext.3533 | f: 905-338-4159 | www.oakville.ca

Vision: To be the most livable town in Canada

Please consider the environment before printing this email.

<http://www.oakville.ca/privacy.html>

Fr

Sent: Wednesday, January 28, 2015 9:46 AM

To: Kasia Piskorz

Subject: RE: Storm Water Drainage issues on Westminster Drive - Oakville

Hello Kasia,

I never did hear back from you on my e-mail, below, which you had specifically asked me to send you subsequent to the Town Meeting.

As a follow-up, this particular e-mail is to put you and the Town of Oakville on Notice that once again we have severe issues developing on our street (Westminster Drive) as a result of the misalignment, blockages and deficiencies in the drainage on the streets Culvert system (City Property).

Because of the many blockages in the Culverts up and down the entire length of Westminster Drive (on both sides of the street), there has continued to be a massive buildup of water, which has now turned to ice. In some cases the ice has spilled over onto the street. In almost ALL cases, the water and ice have built up to a level which is ABOVE the Outlets on our residential Sump Pump systems. This is causing the Outlets on the Sump Pipes to be completely covered and immersed in ice, blocking them either partially or in some cases, completely. Logic says that this will inevitably result in water backing up into our residential sump wells, into our homes, and ultimately causing flooding and damage.

I saw some City trucks digging up and clearing the ice in the Culverts in-front of a couple of homes on our street last night. This is not sufficient. ALL culverts are affected and must be dug up and cleared of ice buildup immediately to avoid damages to our homes and properties....

Again, this is to put you officially on notice that should the blockages in the City Culverts result in damages to my home and or property, I will have no choice but to take Legal action against the Town and Municipality.

Please escalate this to the appropriate parties on my behalf.

To: kpiskorz@oakville.ca

Subject: RE: Storm Water Drainage issues on Westminster Drive - Oakville

Date: Fri, 28 Nov 2014 09:59:28 -0500

Hello again Kasia,

An important fact which I forgot to mention is that the street which is directly adjacent to my driveway, Viewbank Crescent, slopes directly toward my driveway. During heavy rains, the ditches on Viewbank are

overrun with water, and we can see that excess water runoff travel directly across Westminster Drive and down our driveway. This is not a good design and again we seem to pay the ultimate price for this design deficiency as we are left to deal with the volume of water...

To: kpiskorz@oakville.ca

Subject: Storm Water Drainage issues on Westminster Drive - Oakville

Date: Fri, 28 Nov 2014 09:29:30 -0500

Hello Kasia,

Pleasure meeting you on Wednesday evening.

To re-introduce myself, my name is _____ in Oakville. We are in the Coronation Park area. As you know, we have major drainage issues in our neighborhood. We have no storm sewers whatsoever. Instead, we rely on a culvert (ditch) system which in no way comes close to handling the storm water volume our neighborhood receives during major rain storms (which are frequent). We have standing water in the ditch system along our street year-round. There are blockages in the ditches all the way up and down the street. The standing water is not healthy. As you know, it promotes the breeding of mosquitoes, which carry disease. The municipality actively encourages us as home owners to eliminate any standing water sources to discourage the breeding of mosquitoes, yet it's own ditch system is the largest cause of mosquito breeding. Our neighborhood has a massive mosquito population throughout the summer.

I have a reverse driveway on my property (driveway slopes down to below grade as my garage is below our house). My basement has flooded 2 times in the past 6 years, both times causing more than \$50,000 worth of damage. Luckily, our Insurance Company has been excellent and has covered both claims, realizing that we have done everything we possibly can to mitigate the situation around our property. We have a sump well in the garage with 2 high volume sump pumps in it, as well as a Battery Backup system. We have trench drains across the bottom of the driveway. We have a sump well in the backyard, as well as another inside the basement. These floods are very inconvenient and disruptive to my family, but more importantly ANY type of flooding is not healthy as it promotes the growth of mold - as you know. No matter how good the clean up and rebuild is subsequent to a flood, there is always a possibility of a mold problem long-term.

My property, specifically my basement, has become the catch basin for the entire neighborhood in the event of major rain as the municipal ditches cannot handle the volume of storm water which comes often. This is not OK. My concern is that if nothing is done in the near future to address the drainage issues on our street, my basement WILL flood again. It's not an "if", but a "when". I'm not confident that my insurance company will step up a third time to cover our losses. My other concern of course is the potential health issues caused by the year-round standing water in the ditches.

The drainage issue on Westminster needs to be dealt with immediately. We cannot wait 3 or 4 years. You have done your study, and based on your feedback and the feedback of other municipal employees whom I've spoken to when surveying our street (One Manager in particular going as far as to say that he has warned the municipality for years of the drainage problems in our area and the fact that the current ditch design is not sufficient), you are fully aware of and admit that there are major issues with the drainage on our street. The way I look at it, the municipality and its residents have a binding agreement: We pay our taxes, and the

municipality in-return delivers essential services, including the proper drainage of storm water runoff on our street. At this point, the municipality is not upholding it's end of the contract.

I would appreciate if you could escalate my concerns as necessary in order to ensure that the drainage situation on our street gets dealt with forthwith. We simply can't wait 3 or 4 years for this to be addressed. We need your help.

I look forward to hearing back from you.



OAKVILLE

November 6, 2014

Thank you for your interest in the Coronation Park Drainage Improvements Class Environmental Assessment. The purpose of this letter is to inform you of the second Public Information Centre (PIC) scheduled for this study and to address the specific issues that you had raised in your email dated June 5, 2014.

A notice of the second PIC is attached. We appreciate your feedback and we encourage anyone with an interest in the study to attend and provide comments so that they may be incorporated in the study.

In response to your concerns, please be advised of the following:

Letter to Mayor and Oakville Hydro, October 25, 2013 - The drainage issue outlined in the letter attached to your email appears to be a localized drainage issue which would be beyond the scope of the current study. We would suggest that you continue to deal with Oakville Hydro in this matter, as well as Town staff as required.

Westminster Drive - We are aware of multiple instances of standing water along Westminster Drive; potential solutions to address this issue will be addressed as part of the current study.

Walby Drive - We are unaware of instances of stagnant water along Walby Drive. If there is a specific location (or locations) where you have noticed standing water, please feel free to include this information.



OAKVILLE

Tracina Drive and Venetia Drive – The drainage issue surrounding the school pathway between Tracina Drive and Venetia Drive has been noted by several other local residents. Potential solutions to address this localized issue will be investigated as part of the current study.

Once again we thank you for your input.

Sincerely,

Kasia Piskorz, Project Leader – Capital Project
Engineering and Construction

Enclosure: Coronation Park Drainage Class EA PIC#2 Notice
Emailed dated June 5, 2014

cc. Steve Chipps, AMEC Earth & Environmental

To be the most livable town in Canada.

**Coronation Park Drainage Improvements
Municipal Class Environmental Assessment Study
Public Information Centre #2**

Wednesday, November 26, 2014 — 6–8 p.m.

**Queen Elizabeth Park Community and Cultural Centre
Multi-Purpose Room #1/2
2302 Bridge Road Oakville L6L 2G6**

Your Input is Important!

The Town of Oakville appreciates your feedback and we encourage you to get involved.

A Municipal Class Environmental Assessment (EA) was initiated to assess various drainage improvements in the Coronation Park area. The study will inform the development of a comprehensive drainage improvement plan for the Coronation Park community to address current drainage concerns.

The first public meeting for this study was held in June 2014 and presented background information and the results of the drainage system assessment. At this second meeting, town staff will share its findings resulting in the preferred solutions. You will see the alternative design concepts that were considered, have an opportunity to review the evaluation criteria and evaluation process, and comment on the preferred solutions. Town staff and its study consultant will be available to provide information and answer questions. This is an informal drop-in public meeting.

If you have any questions or cannot attend but would like to provide comments, please contact one of the project representatives. Public input and comments received by Friday, December 12, 2014 will be incorporated into the study.

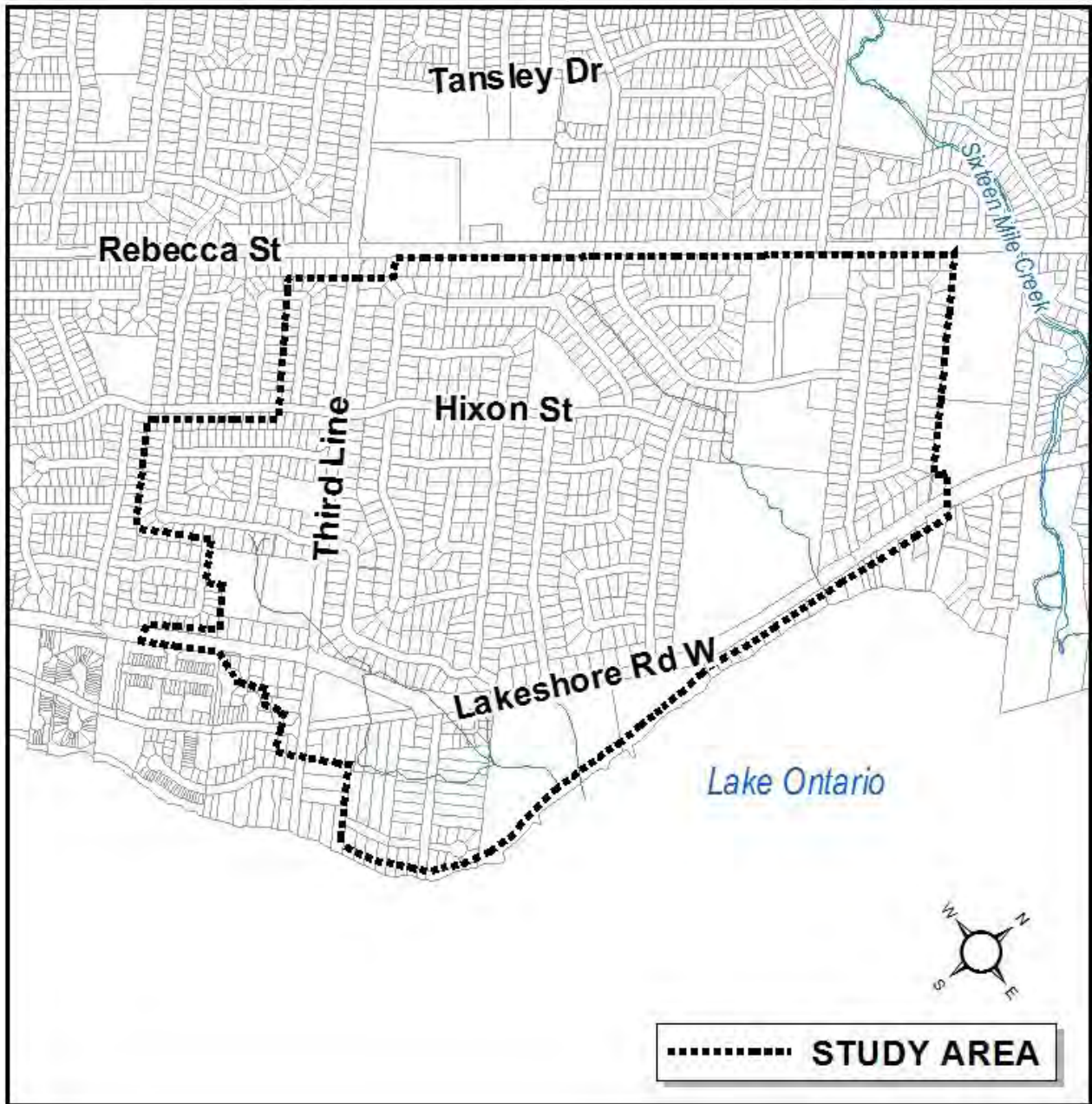
For more information on this study, please visit oakville.ca and search for Coronation Park Drainage.

The study is being conducted in compliance with Section A.2.7 Master Plans, as defined in the Municipal Engineers Association (MEA) Municipal Class EA document (October 2000, as amended in 2007 and 2011), which is an approved process under the *Ontario Environmental Assessment Act*. The study will address Phases 1 and 2 of the Class EA process, and fulfill requirements for Schedule B projects.

If you have any accessibility needs, please let us know as soon as possible by contacting one of the project representatives or by filling out the accessible online feedback form on oakville.ca.

Kasia Piskorz
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
905-845-6601, ext. 3533
TTY: 905-338-4200
kasia.piskorz@oakville.ca

Steve Chipps
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
905-335-2353
1-886-751-2353
steve.chipps@amec.com



Comments are collected under the authority of the *Environmental Assessment Act* for the purpose public consultation and will become part of the public record. If you have any questions regarding this collection of information please contact Kasia Piskorz, at 905-845-6601, ext. 3533 or at kasia.piskorz@oakville.ca

Kasia Piskorz

From: E >
Sent: Thursday, June 05, 2014 9:45 AM
To: Kasia Piskorz
Cc:
Subject:
Attachments:

Hi Kasia: Further to the meeting held last evening which my wife and I attended, I am attaching copy of my recent letter to the Mayor on this subject which outlines in greater detail the water issue at our house. I did fill in a comment sheet last night but this provides a more complete description of the issue and one that is more legible than my handwriting. It's not that this is the only issue we have observed in the neighbourhood. On our walks through the neighbourhood, we observe stagnant water standing in the ditches on Walby and Westminster Streets to the east and this spring the school path from Tracina to Venetia was at one point flooded with water, something we have never seen before. I am sure others who attended the meeting have mentioned these latter issues.

We look forward to the next stages in this process and the final determination of what action is planned to correct these issues.

October 25, 2013

Mayor Rob Burton
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario
L6H 0H3

Dear Mayor Burton:

I am writing you concerning a problem that has developed at our residence in the last four years and doesn't seem to be improving. Given our belief that Oakville Hydro may be involved in this, I am copying Mr. Lister with this letter.

My wife and I have lived at the above address since August 1968. Throughout much of this time period our sump pump was seldom activated. Indeed there was a long period of time when the original pedestal-type pump had actually rusted out at the base, was disconnected from hydro, and was never needed. When it was finally replaced with a new submersible pump, the same situation prevailed.....very seldom was it ever activated because of a buildup of water.

Something happened to change this situation in 2009/2010. Since that time, our sump pump has been active all months of the year, with a frequency of operation of less than a minute for extensive periods. At the present time it is activated every five minutes.

So what changed in our neighbourhood in 2009/2010 to cause the underground water levels surrounding our house to rise to such an extent that our sump pump shifted from an inactive to a hyperactive state? To us the answer seems rather clear. During the summer of 2009, El Con Construction was here burying hydro wires to the front of the street and installing transformers throughout the area. In our particular case their work was particularly invasive as workers tunneled, dug or otherwise inserted underground hydro cables more or less around our entire property. This included the installation of a transformer at the extreme south-east of our property on Warland Road from which tunneling occurred northward along the east side of our property directly under a row of mature spruce trees. It is our belief that during this process previously existing underground water flows in the area were disturbed now giving such water a direct conduit to our property from which it cannot escape.

Over the past four years we have been hoping that this water issue would correct of its own accord but that isn't happening. In the meantime, we bear the extra electricity cost relating to this super active sump pump and live with the ever-present prospect of having a flooded basement in the event of a hydro interruption or a pump failure. Most important, however, is the potential negative impact on the value of our largest single investment, our home.

While the on-going construction of monster homes in this area no doubt has an impact on the underground water levels, it is unlikely that this alone could cause such an abrupt change. In the absence of any other plausible explanation for this change in water levels since 2009 other than the activity of El Con, we feel the Town of Oakville and Oakville Hydro have an obligation to investigate this situation to determine the cause and take whatever corrective action that may be necessary.

We look forward to hearing from you at your earliest convenience and thank you for your attention to this matter.

Yours truly,

Cc: Rob Lister
Chief Executive Officer
Oakville Hydro Corporation
P O Box 1900
861 Redwood Square
Oakville, Ontario
L6K 0C7

PS: I am attaching an exchange of email messages with Oakville Hydro dated May 3, 2013. We are still waiting for some kind of response to this issue.



November 6, 2014

Thank you for your interest in the Coronation Park Drainage Improvements Class Environmental Assessment. The purpose of this letter is to inform you of the second Public Information Centre (PIC) scheduled for this study and to address the specific issues that you had raised in your email and attached letter dated June 13 and June 12, 2014, respectively.

A notice of the second PIC is attached. We appreciate your feedback and we encourage anyone with an interest in the study to attend and provide comments so that they may be incorporated in the study.

In response to your concerns, please be advised of the following:

- A. We would agree that climate change should be a consideration in assessing rainfall and runoff statistics. Currently however there is no prescribed or approved methodology on how best to incorporate this into design work within Ontario. For the current study, the Town's currently approved rainfall intensity-duration-frequency statistics are being employed.

Town staff is currently working to create and implement a town-wide Climate Change Adaptation Strategy. To find out what the Town is doing to address climate change please refer to our website oakville.ca for strategy details.

- B. The Town has development criteria to address infills where the proposed residence is larger than the existing one. All development goes through a Town approval process. A Site Alteration Permit must be obtained from the Development Engineering Department and all criteria for issuing the permit must be met. Some of the criteria that are reviewed include drainage, grading, tree protection etc.
- C. Your comment has been noted.



OAKVILLE

D. We would agree that residences should typically not be graded towards other private properties, unless this was part of the originally approved design which included an adequate drainage system.

Once again we thank you for your input.

Sincerely,

Kasia Piskorz, Project Leader – Capital Project
Engineering and Construction

Enclosure: Coronation Park Drainage Class EA PIC#2 Notice
Final Meeting - Final Notice - 12-11-14

cc. Steve Chipps.

To be the most livable town in Canada.

Coronation Park Drainage Improvements Municipal Class Environmental Assessment Study

Public Information Centre #2

Wednesday, November 26, 2014 — 6–8 p.m.

Queen Elizabeth Park Community and Cultural Centre
Multi-Purpose Room #1/2
2302 Bridge Road Oakville L6L 2G6

Your Input is Important!

The Town of Oakville appreciates your feedback and we encourage you to get involved.

A Municipal Class Environmental Assessment (EA) was initiated to assess various drainage improvements in the Coronation Park area. The study will inform the development of a comprehensive drainage improvement plan for the Coronation Park community to address current drainage concerns.

The first public meeting for this study was held in June 2014 and presented background information and the results of the drainage system assessment. At this second meeting, town staff will share its findings resulting in the preferred solutions. You will see the alternative design concepts that were considered, have an opportunity to review the evaluation criteria and evaluation process, and comment on the preferred solutions. Town staff and its study consultant will be available to provide information and answer questions. This is an informal drop-in public meeting.

If you have any questions or cannot attend but would like to provide comments, please contact one of the project representatives. Public input and comments received by Friday, December 12, 2014 will be incorporated into the study.

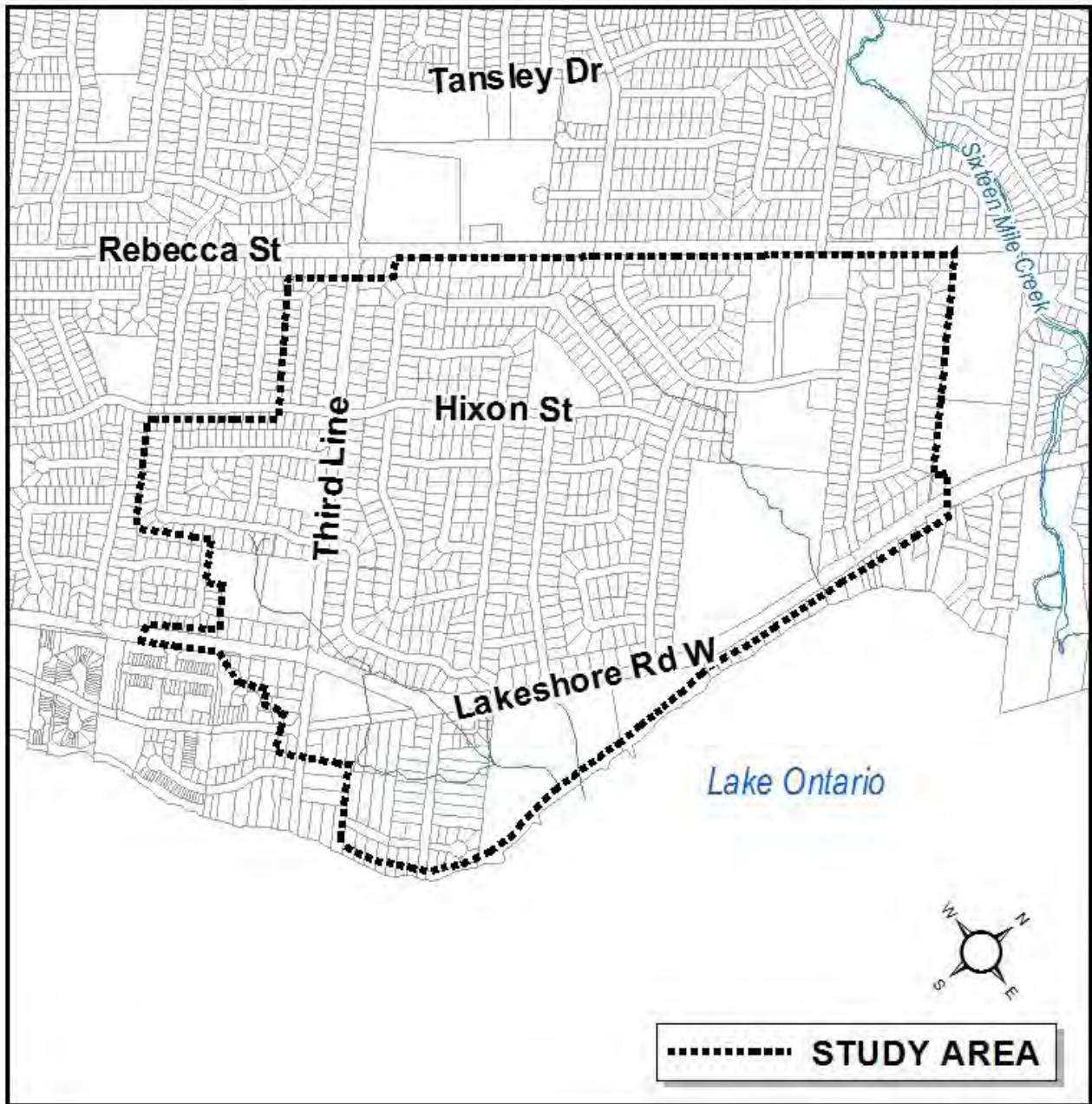
For more information on this study, please visit oakville.ca and search for Coronation Park Drainage.

The study is being conducted in compliance with Section A.2.7 Master Plans, as defined in the Municipal Engineers Association (MEA) Municipal Class EA document (October 2000, as amended in 2007 and 2011), which is an approved process under the *Ontario Environmental Assessment Act*. The study will address Phases 1 and 2 of the Class EA process, and fulfill requirements for Schedule B projects.

If you have any accessibility needs, please let us know as soon as possible by contacting one of the project representatives or by filling out the accessible online feedback form on oakville.ca.

Kasia Piskorz
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
905-845-6601, ext. 3533
TTY: 905-338-4200
kasia.piskorz@oakville.ca

Steve Chipps
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
905-335-2353
1-886-751-2353
steve.chipps@amec.com



Comments are collected under the authority of the *Environmental Assessment Act* for the purpose public consultation and will become part of the public record. If you have any questions regarding this collection of information please contact Kasia Piskorz, at 905-845-6601, ext. 3533 or at kasia.piskorz@oakville.ca

June 12, 2014

TOWN OF OAKVILLE
1225 Trafalgar Road
Oakville, ON L6H 0H3

Attention: Kasia Piskorz

Subject: CORONATION PARK DRAINAGE ASSESSMENT STUDY

Dear

I would like to take this opportunity to congratulate the Town of Oakville for undertaking the above subject initiative.

As, regrettably I couldn't attend the public information on June 4/2014, this letter will therefore serve to summarize my concerns, pertaining to the designated areas reported in the "**Public Information Center Display Board Document**" but in particular to the area comprised in the Savoy Crescent/Sedgewick perimeter. I must say that due to time constraint we totally neglected, including the building inspector to address the poor "Drainage" services available in the area, at the time we purchased this residence.

QUOTE:

- A- The genuine statistical expression (1 in 5 Year Storm or 1 in 100 Year Storm Event), is certainly no longer applicable. In fact, as a result of **climate changes** the unpredictable frequency of these "Events" have drastically increased causing, flow out of poorly maintained ditches/channels, flooded basement, stagnant waters and sluggish soil.
- B- The above "A" is further compounded by the fact that due to progress and evolution, the many decades old small bungalows, are replaced by larger foot print properties, the additional flow of water is surcharging the obsolete existing drainage system.
- C- The fact that many old residences have been built with driveways equal or below street level is poor conceptual design that will have also to be addressed.
- D- The **grading** in excess of 100 cm. of existing backyard properties, toward other residences, without any practical and efficient drainage system, is unconceivable, in view of the excessive amount of water redirected toward the latter.

I trust this brief summary will be of assistance to your Engineers, to design and built a cost effective and efficient drainage system in Coronation Park that will be functional for many decades to come.

Yours sincerely







Comment Sheet



Public Information Centre 2
November 26, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & St _____

(Municipality) _____

(Postal Code) _____

Comments:

EXCESS WATER BACK UP IN DITCH
 HYDRO PUT UNDERGROUND AND DITCHES
 NOT PROPERLY GRADED. NOW 2 (BIG)
 NEW HOUSES BUILT AND CONSTANT
 WATER IN DITCH

*CONTACT TOWN OPERATIONS ASAP.

Please send your comments by December, 12, 2014 to:

Kasia Piskorz
 Project Leader
 Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-338-4159
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
 Project Manager
 AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amecwf.com



November 6, 2014

Thank you for your interest in the Coronation Park Drainage Improvements Class Environmental Assessment (EA). We appreciate your feedback. The purpose of this letter is to inform you of the second Public Information Centre (PIC) scheduled for this study and to address the specific issues that you had raised in your email dated June 12, 2014.

A notice of the second PIC is attached. We appreciate your feedback and we encourage anyone with an interest in the study to attend and provide comments so that they may be incorporated in the study.

With regards to future works on Lakeshore Road West, please be advised that our current 10-Year Capital Budget Forecast currently indicates that an Environmental Assessment will commence in 2016 regarding Lakeshore Road from East Street to Sandwell Drive. Upon finalization of the Environmental Study Report, the budget also indicates that construction of Lakeshore Road West will occur in phases commencing in 2018. One of the options that will likely be considered is urbanization of Lakeshore Road West (construction of storm sewers and curb and gutter) as part of this construction which could include the widening to 3 lanes including bike lanes in either directions. The urbanization of this section of Lakeshore Road West would solve a lot of the issues that you have raised.

In response to your concerns, please be advised of the following:

1. The town is currently aware of drainage issues on Lakeshore Road between Sandwell Drive and Wolfedale Avenue. Your concerns have been noted.
2. Your comments will be forwarded to our Traffic Engineering Section for review.



OAKVILLE

3. and 4. Your concerns regarding the appearance of the ditch will be reviewed and we will determine if any measures can be taken to improve the appearance of the ditch in the interim.

5. Every effort is made to co-ordinate capital project between the town and the Region of Halton however, timing and budgetary constraints at times makes this difficult. The Notice you received I believe pertains to the wastewater trunk sewer from Oakville SW Wastewater Treatment Plant east along Lakeshore Road West. It is my understanding that this is a deep wastewater sewer that will be micro-tunneled which means that open trenching will not be involved and that only areas to provide access will be disturbed along the corridor.

Once again we thank you for your input. Please do not hesitate to contact us should you have any further questions or concerns.

Sincerely,

Kasia Piskorz, Project Leader – Capital Project
Engineering and Construction

Enclos. Coronation Park Drainage Class EA PIC#2 Notice
Coronation Park Drainage Improvements Email – June 12, 2014

cc. Steve Chipps, AMEC Earth & Environmental

To be the most livable town in Canada.

**Coronation Park Drainage Improvements
Municipal Class Environmental Assessment Study
Public Information Centre #2**

Wednesday, November 26, 2014 — 6–8 p.m.

**Queen Elizabeth Park Community and Cultural Centre
Multi-Purpose Room #1/2
2302 Bridge Road Oakville L6L 2G6**

Your Input is Important!

The Town of Oakville appreciates your feedback and we encourage you to get involved.

A Municipal Class Environmental Assessment (EA) was initiated to assess various drainage improvements in the Coronation Park area. The study will inform the development of a comprehensive drainage improvement plan for the Coronation Park community to address current drainage concerns.

The first public meeting for this study was held in June 2014 and presented background information and the results of the drainage system assessment. At this second meeting, town staff will share its findings resulting in the preferred solutions. You will see the alternative design concepts that were considered, have an opportunity to review the evaluation criteria and evaluation process, and comment on the preferred solutions. Town staff and its study consultant will be available to provide information and answer questions. This is an informal drop-in public meeting.

If you have any questions or cannot attend but would like to provide comments, please contact one of the project representatives. Public input and comments received by Friday, December 12, 2014 will be incorporated into the study.

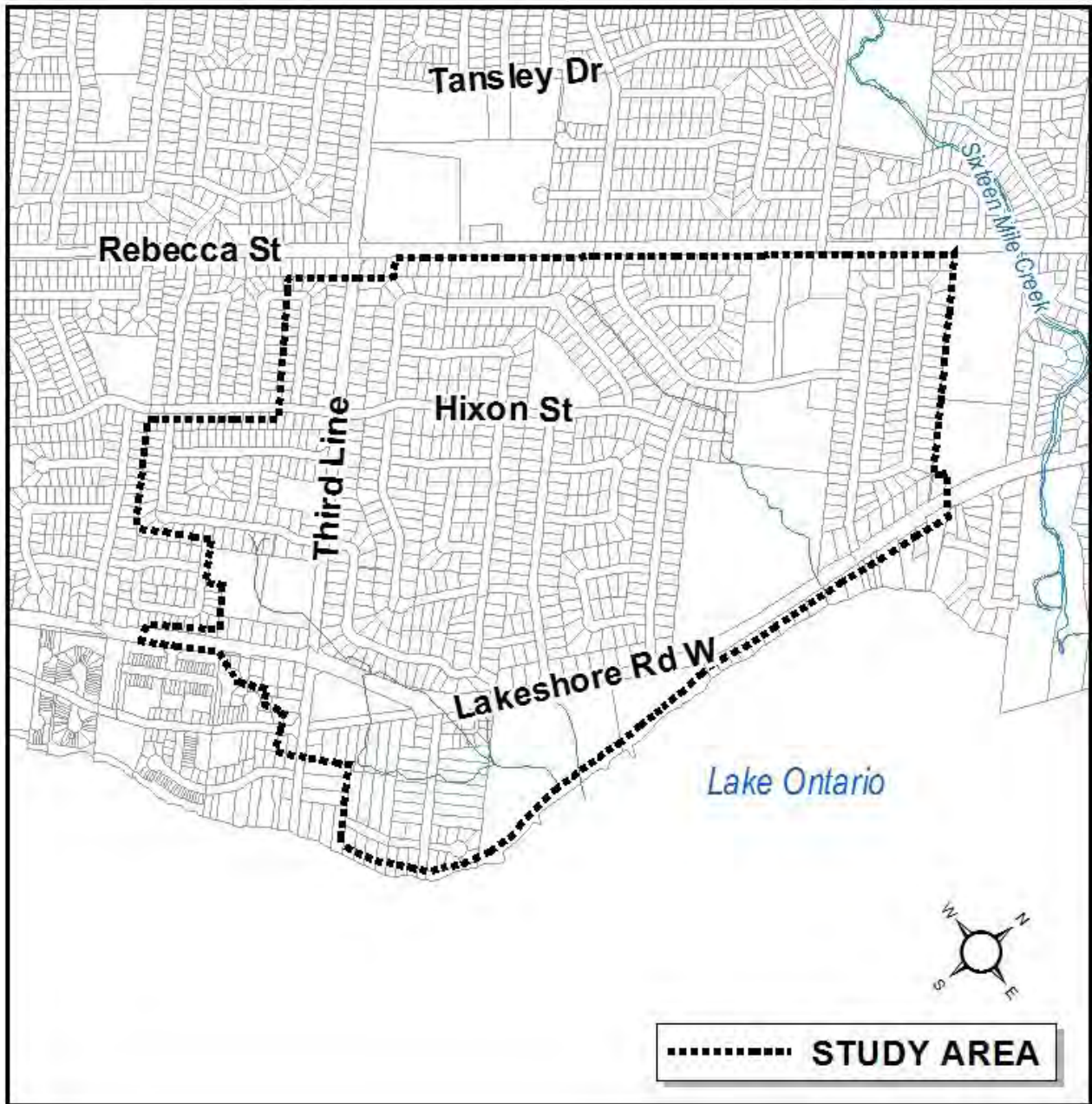
For more information on this study, please visit oakville.ca and search for Coronation Park Drainage.

The study is being conducted in compliance with Section A.2.7 Master Plans, as defined in the Municipal Engineers Association (MEA) Municipal Class EA document (October 2000, as amended in 2007 and 2011), which is an approved process under the *Ontario Environmental Assessment Act*. The study will address Phases 1 and 2 of the Class EA process, and fulfill requirements for Schedule B projects.

If you have any accessibility needs, please let us know as soon as possible by contacting one of the project representatives or by filling out the accessible online feedback form on oakville.ca.

Kasia Piskorz
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
905-845-6601, ext. 3533
TTY: 905-338-4200
kasia.piskorz@oakville.ca

Steve Chipps
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
905-335-2353
1-886-751-2353
steve.chipps@amec.com



Comments are collected under the authority of the *Environmental Assessment Act* for the purpose public consultation and will become part of the public record. If you have any questions regarding this collection of information please contact Kasia Piskorz, at 905-845-6601, ext. 3533 or at kasia.piskorz@oakville.ca

Kasia Piskorz

From: .
Sent: Thursday, June 12, 2014 5:00 PM
To: Kasia Piskorz
Cc: Paul Allen
Subject: Coronation Park Drainage Improvements

Hi Kasia

I attended the information session on June 4th regarding this possible project. While there I spoke with Paul Allen as well about my frustration with a number of issues regarding my property. While he was patient to hear me rant, he suggested that I include all my comments in this response. I realize that there are different owners for different projects in the city so I'm not sure what to expect for a response but I would like to know that my issues are recognized and that somewhere in the near future there is a solution. I feel that all my issues are related or linked to drainage improvements

While the area you have under review is quite broad, I can only speak for my property at :

- 1) There is no storm sewer on this stretch of road. Every time it rains, there is a small lake that forms on the other side of the road in front of my property. I see cyclists and cars try to avoid this and I must admit that it is dangerous since there is no shoulder on the road. In winter there are city paving trucks here all the time patching holes from the freeze-thaw. My record for hub caps on my property from cars hitting potholes is 12 in one winter. I'm sure city services is very familiar with this stretch.
- 2) As mentioned above, there is no real shoulder (paved) on this section of road which forces cyclists onto the roadway. With no middle lane this can become quite dangerous. I have lived here for 25 years and the amount of traffic here has doubled while the number of cyclists is up 10 fold....I feel it is quite dangerous and someone will be seriously injured if not already
- 3) With no curb and gutter, trucks of all nature seem to drive on the grassed area to get off the road and often leave deep depressions in the soil. Hydro was just here recently leaving a mess but they at least put some dirt down to fill the holes and ruts....nice huh.
- 4) About 10 years ago, in someone's wisdom, they decided to pave a bike path which is on my side of the street. In doing so they shaped the bank for the ditch in front of my house at a 45 degree angle with asphalt right to the edge. Water just runs off and into the ditch. So the only things that grow on the bank of the ditch are weeds and dirt....so with trucks driving on everything and grass can't grow the front of my place looks neglected and decrepit...Btw, the city has been back to re-seed the ditch once and re-sod it twice....everything is dead within months even though I had watered it.
- 5) About 2 months ago I received a notice that the front of my place will be torn up as part of a project to install a new waste water line from the water treatment plant down the street. In addition I know that there is a plan to reconstruct Lakeshore which I have been waiting years for. Paul has informed me that the plan to rebuild the street has been delayed by as much as another 8 YEARS.....but it must make the most economical sense to tear this road up once and rebuild it properly....in such, you will resolve the drainage issue, get the waste water line installed and make the road functional and safe. I look at the recent gas plant scandal as a good example where tax payers money is not used in the most economical fashion. I have the feeling that there will be many small projects done over a period of time all to address singular issues rather than look at the big picture and fix something just once by doing it the right way. I will probably consider moving out of frustration if I see this road dug up for a waste water line and nothing else is done at the same time.

I can go on...but getting tired of this. The bike path in front of my place can at least serve as a side walk such as it is. But there are stretches to either side of me that don't even have this. Imagine a main street like lakeshore with no side walk....I've been to 3rd world countries that have a better main street than this section of lakeshore. You can drive Lakeshore from Hamilton to Kingston and the only substandard section is between 3rd line and Dorval

I look at how the city has rebuilt 4th line between Speers and Lakeshore as well as the same lower section of 3rd line. Why are any of these other streets a higher priority than lakeshore.

If there are any actions that are possible that can address any of these issues, I want to hear them. I pay my taxes here like everyone else and feel cheated with the issues that I need to deal with. My property may have a unique combination of issues, but it's my home and I really do believe that something should be done.

Thanks in advance for your consideration and handling of my comments



Comment Sheet



Public Information Centre 2
November 26, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

PRIVATE

NOTE: SCHOOL ON THIRD LINE
IS PROPOSING EXPANSION (GYM +
PARKING LOT) IN AREA OF
DRAINAGE PIPE LOCATION.

Please send your comments by December, 12, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Fax: 905-338-4159
Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-886-751-2353
Fax: 905-335-1414
Email: steve.chipps@amecfw.com



Comment Sheet



Public Information Centre 2
November 26, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME:
Date:
E-mail:
(Number & Stre
(Municipality)
(Postal Code)

Comments:

- 1) Proposed re-direct of storm sewers away from the west-end creek behind Belvedere Dr in Coronation Park is preferred.
- the backing of the water onto our property is causing significant flooding on our property
- doing this option will help minimize the water flow in our backyard.
2) It would be nice that all the flows be re-directed to the main sewer line under Lakeshore creek. This would then allow no requirement for the storm to go through our yard let alone have any flooding issues.
3) The outlet at the base of the west end creek that feeds into Lake Ontario has to be addressed. The debris piles up and has a tendency to back the flow up. In addition some of this debris ends up in our yard.
4) Lakeshore rd w urbanization study has to happen to build the proper storm drains to allow the water to flow. Given all the recent development in the area this has to be addressed quickly.

Please send your comments by December, 12, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Fax: 905-338-4159
Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-886-751-2353
Fax: 905-335-1414
Email: steve.chipps@amecfw.com



Comment Sheet



Public Information Centre 2
November 26, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

(Postal Code) _____

Comments:

Drainage ditches are not properly graded. My property ditch has water all year round.

The ditches need to be graded on the west side from the top of the street down to the catch basin at Hixon St.

My Sump Pump runs all year round every 15 mins.

Please send your comments by December, 12, 2014 to:

Kasia Piskorz
Project Leader
 Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-338-4159
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
 AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amecfw.com



Comment Sheet



Public Information Centre 2
November 26, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street) _____

(Municipality) _____

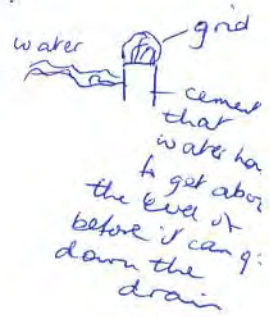
(Postal Code) _____

Comments:

The drainage ditches at the south end of the east leg of Wales Crescent are not well graded, especially on the west side of the road, but both sides really.

They need to be regraded from the top of the crescent right down to the catch basin.

The catch basin grid also is much higher than the ditch that leads into it → → →



Please send your comments by December, 12, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
 1225 Trafalgar Road
 Oakville, Ontario L6H 0H3
 Phone: 905-845-6601 Ext. 3533
 Fax: 905-338-4159
 Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
 3215 North Service Road,
 Burlington, Ontario L7N 3G2
 Telephone: 905-335-2353
 Toll Free: 1-886-751-2353
 Fax: 905-335-1414
 Email: steve.chipps@amecfw.com



Comment Sheet



Public Information Centre 2
November 26, 2014

PROJECT: Coronation Park Drainage Improvements

PLEASE PRINT

NAME: _____

Date: _____

E-mail: _____

(Number & Street)

(Municipality)

(Postal Code)

Comments:

I recently built our new home at 158 Woodhaven. I am a civil Engineer & work in the Construction Industry. I strongly recommend doing Alternate (11) with an emphasis on adding new storm sewers with multiple Catch Basins - Alternate (10). Woodhaven has several stretches immediately south of us (159, 148 etc.) with standing water in the ditch year round. I suggest implementing storm sewers & catch basins on Woodhaven within the next year - 2015 or 2016.

Please send your comments by December, 12, 2014 to:

Kasia Piskorz
Project Leader
Town of Oakville
1225 Trafalgar Road
Oakville, Ontario L6H 0H3
Phone: 905-845-6601 Ext. 3533
Fax: 905-338-4159
Email: kasia.piskorz@oakville.ca

Steve Chipps, P.Eng.
Project Manager
AMEC Environment & Infrastructure
3215 North Service Road,
Burlington, Ontario L7N 3G2
Telephone: 905-335-2353
Toll Free: 1-886-751-2353
Fax: 905-335-1414
Email: steve.chipps@amecfw.com

Dearlove, Heather

Subject: FW: Coronation Park Environmental Assesement

From: Sheila Keay [<mailto:sheilakeay@gmail.com>]

Sent: Thursday, July 09, 2015 3:21 PM

To: Kasia Piskorz

Subject: Coronation Park Environmental Assesement

Hello Kasia,

Thank you again for your follow-up. Please enter this email into to the records for feedback on this project.

I have concerns with persistent standing water in a drainage ditch dug by the town almost 50 years ago. The ditch runs between Sedgewich Crescent and Willowdown Road/ Hixon Dr.

I grew up in this house. My father still lives in this same house and has been there for approx. 50 years. He is the first and only owner of this property. A "creek" runs between the back of the properties on south side of Sedgewich Crescent and the north side of Willowdown Road. There is open access up the entire course of this ditch from Woodhaven Park Road to the beginning of the ditch. No property owner has extended their fence line into this stretch of land.

For all purposes it is managed as if an easement is in place although I understand from our discussion this morning that that is not the case.

My dad explained the "creek" was a drainage ditch dug by the town soon after the houses were build. Prior to that there had been extensive backyard flooding following storms. The ditch was dug by the town to manage this problem. Hydro and Bell phone lines on poles also run down this ditch.

Both Bell and Hydro serviced these lines regularly over the years including cutting tree branches away from the lines. Cut branches were often left in the ditch. As the vegetation has matured and debris has increased water flow has since been impeded. This is due to activities of both homeowners and salespersons. Standing water is persistent in this ditch and it is a tremendous and worrisome breeding ground also for mosquitoes.

I hope the Town will include actions to address the standing water in this ditch in part of their environmental assessment plan.

Kasia Piskorz

Project Leader - Capital Projects

Engineering and Construction

Town of Oakville | 905-845-6601, ext.3533 | f: 905-338-4159 | www.oakville.ca

Dearlove, Heather

From: Kasia Piskorz <kasia.piskorz@oakville.ca>
Sent: August-26-15 12:44 PM
To:
Cc: Paul Allen; Kristina Parker
Subject: RE: 1317 Hixon Street - recommendations

Your comments will be included in the public consultation section of the EA. We will consider your issues when finalizing the Environmental Study Report for the Coronation Park Drainage Improvements Class Environmental Assessment.

We are planning to finalize the report in the Fall.

Thank you,

Kasia Piskorz, P.Eng
Project Leader - Capital Projects
Engineering and Construction
Town of Oakville | 905-845-6601 ext.3533 | f: 905-338-4159 | www.oakville.ca

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

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

From: .
Sent: Monday, August 24, 2015 9:15 AM
To: Kasia Piskorz
Subject: .

Hello Kasia,

My neighbours and myself would like to add a recommendation to the information that has been gathered regarding the storm water management issues in our neighbourhood. At present we have the back ditch that allows the flow from the other backyard ditches that run from North/west part of Sedgewick along with Willowdown Road. We also have all of the properties on the north side of Sedgewick along with all of the properties on Savoy that through a course of private and municipal culverts lead their storm and pool water back to our properties along that backyard ditch and then down the "private" culvert shared with my neighbours very close to our homes connecting to the Town catch basin across Hixon Road, I believe connects to another catch basin and then again is a "private" culvert between my 2 neighbours to the south of my property and leads into the forest and I suppose the water treatment plant...

Our hope is that a recommendation to approve a new storm sewer at Woodhaven Park Drive to pick up all of the water from the north properties and the backyard ditches from the west and to carry it down Woodhaven Park Drive so that we do not have the worry of having all that water being carried so close to our homes. We would like to eliminate the need for that backyard ditch as it sits and have just a normal smaller swale to help support any runoff water between the homes. Right now there is a very large ditch that is completely overgrown and often times with sitting water which can breed all types of mosquitoes which could be harmful to people with lowered immune systems. I am one of those types of people and I do not want to worry about that too. There are a number of neighbours that are older and that can also be a harmful situation for them as well.

We would very much appreciate it that this recommendation be added to the study.

I had asked you during our telephone conversation on August 17th, if my one email would be sufficient or should each and every neighbour send you this information for added emphasis and impact. You told me that my email would be sufficient but please let me know if you think otherwise now. This is very important to us for this to be part of this future plan and we want to do all we can to make that the reality.

Can you please tell me when this is being reviewed. Also, can you tell me who reviews this and makes the ultimate decision on the recommendations that are being set forth in this study. Is there any part of it in the future that will be open to public debate?