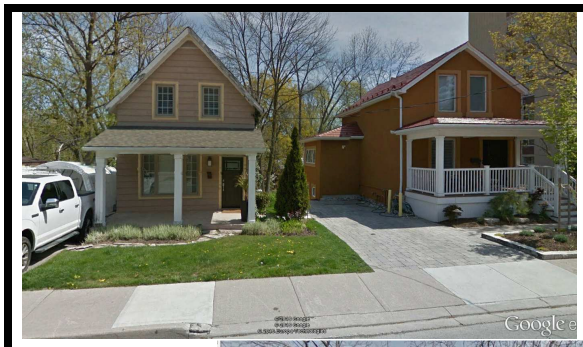
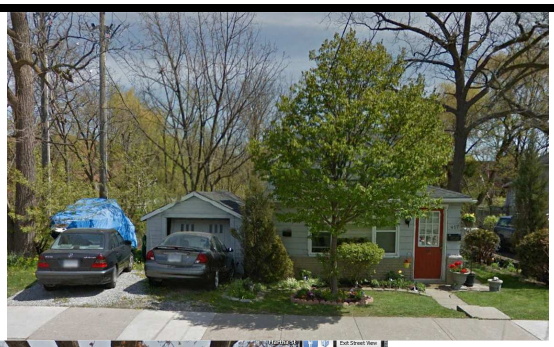
PHASE 1
ENVIRONMENTAL SITE ASSESSMENT

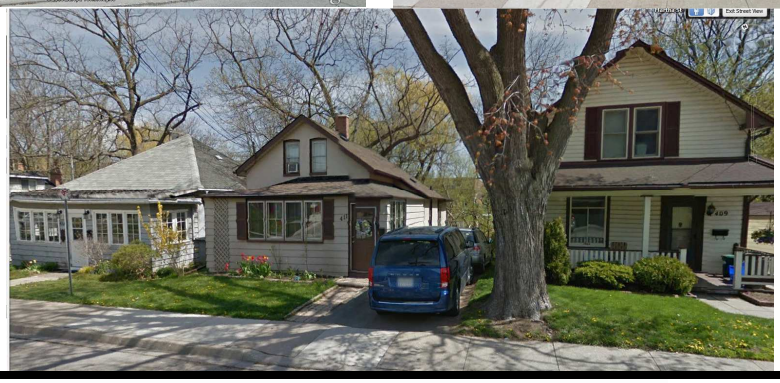
of

401, 405, 409, 411, 413 & 417 MARTHA STREET, BURLINGTON, ON

For:
2413350 Ontario Inc.







August 18, 2016
Project: E-16-32-1

4999 Victoria Avenue
Niagara Falls, ON, L2E 4C9
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PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

of:

401, 405, 409, 411, 413 & 417 MARTHA STREET, BURLINGTON, ON

Prepared by **Hallex Environmental Ltd**. on behalf of:

2413350 Ontario Inc.

Author(s): Jodie Glasier, M.MM., B.A(Hon)., EP_t (CEA), Project Coordinator
Kevin Christian, M.Sc., P.Geo., $QP_{(ESA \& RA)}$, Principal Geoscientist

Date: August 18, 2016
Project #: E-16-32-1

Dist'n: 2413350 Ontario Inc. (pdf)
Hallex Environmental Ltd. (file)

This document has been prepared for the exclusive reliance and use of 2413350 Ontario Inc. and any third party they may so designate via letter of transmittal from Hallex Environmental Ltd.

Jodie Glasier, M.MM, B.A, EP_t (CEA)
Project Coordinator

Kevin Christian, M.Sc., P.Geo. QP
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0387
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EXECUTIVE SUMMARY

INTRODUCTION

Hallex Environmental Ltd. was retained by 2413350 Ontario Inc.to conduct a Phase 1 Environmental Site Assessment for 401, 405, 409, 411, 413 & 417 Martha Street, Burlington, ON, referred to herein as Martha Street properties. Potentially contaminating activities, and contaminants or materials of potential concern, if revealed, were identified as 'Areas of Potential Environmental Concern' (APEC), and individually evaluated whether they were triggers for additional investigation via a Phase 2 ESA. The Phase 1 ESA scope of investigation included:

Review of historical background information via:

- Vernon's City Directory Search (Appendix A)
- Chain of Title (Appendix B)
- Fire Insurance Plans (Appendix C)
- EcoLog ERIS (Environmental Risk Information System) (Appendix D)
- Examination of historical topographic and geological maps, and aerial photographic search and interpretation (Appendix E);

- Site reconnaissance: for observations of the site grounds, structures, and adjacent properties. (Site photograph log – Appendix F)
- Historical information – Rambo Creek (Appendix G)
- Ontario Oil, Gas & Salt Resources Library (Appendix H)
- Evaluation of information in terms of Potentially Contaminating Activities (PCA), and Areas of Potential Environmental Concern (APEC).
- Formation of a preliminary Conceptual Site Model regarding potential contaminants, contaminant migration pathways, and human and/or ecological receptors.

FINDINGS

The following findings were documented for the study sites:

401, 405, 409, 411 & 413 Martha Street, Burlington, ON:

1) No 'Areas of Potential Environmental Concern' (APEC) observed that would indicate any potential contaminant source, nor trigger a recommendation for further assessment.
2) Current adjacent land uses did not exhibit visible exterior items that would constitute APEC to the subject site regarding potential for impact to soil, or groundwater of the subject property.
3) Historical site uses, and historical adjacent site uses, as identified from aerial photographs, fire insurance plans, ERIS EcoLog and the Vernon's City Directory, did not indicate land uses that would commonly generate significant APEC.

417 Martha Street, Burlington, ON:

1) One (1) Potentially Contaminating Activity was documented in the basement of the residential dwelling- a 950 L Above Ground Storage Tank (AST). Although noted as a PCA, Hallex does not consider the AST to represent an Area of Potential Environmental Concern at the municipal address or to the study area for the following reasons:
    a. it was recently upgraded,
    b. professional contractors decommissioned and removed the previous tank prior to installation of the new tank,
    c. its current condition has been well maintained and does not appear to have any damage and
    d. the AST is sitting on a concrete slab floor.

    Therefore in the QP's opinion its current state does not trigger a recommendation for further assessment.
2) Current adjacent land uses did not exhibit visible exterior items that would constitute APEC to the subject site regarding potential for impact to soil, or groundwater of the subject property.
3) Historical site uses, and historical adjacent site uses, as identified from aerial photographs, fire insurance plans, ERIS EcoLog and the Vernon's City Directory, did not indicate land uses that would commonly generate significant APEC.

Designated Substances and Hazardous Materials Survey

During field reconnaissance, a visual survey of one residential dwelling (417 Martha Street) was conducted to provide an example of the interior of the homes and identify any potentially hazardous materials and/or designated substances within the building space. Hallex was informed that municipal addresses 401, 405 and 409 Martha Street had recently undergone major interior renovations and were considered fully updated (although not confirmed through entry into the sites). Addresses 411, 413 & 417 Martha Street remained as the smaller cottage style dwellings never having been updated.

RECOMMENDATIONS

Given the age of the original (cottage style) structures (80+ years) and visual inspection of 417 Martha Street Hallex recommends **a Designated Substance and Hazardous Materials Survey for suspected DSS & Hazardous Materials- Asbestos (aerocell insulation, window/door mastic, roofing materials, stucco and joint compound) and Lead Paint (based on age of structures) be conducted at each residence prior to any disturbance, removal or demolition of the building structures.**

CONCLUSIONS

No further environmental site assessment work is considered necessary at the Martha Street properties and the site conditions justify continued residential land use within the definition of O. Reg. 153/04 and 511/09 as of August 17th, 2016.

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Figure 1: Site Location
Figure 2: Site Layout and Adjacent Land Uses

APPENDICES

Appendix A: Vernon's City Directory
Appendix B: Chain of Title
Appendix C: Fire Insurance Plans
Appendix D: EcoLog ERIS
Appendix E: Aerial Photographs
Appendix F: Site Photograph Log
Appendix G: Rambo Creek
Appendix H: Ontario Oil, Gas & Salt Resources Library

1.0 INTRODUCTION

Hallex Environmental Ltd. was retained by 2413350 Ontario Inc. to conduct a Phase 1 Environmental Site Assessment of six (6) adjacent residential properties on Martha Street in Burlington, ON. Municipal addresses for the properties are 401, 405, 409, 411, 413 and 417 Martha Street, and will be herein referred to as the Martha Street properties. The site locations are shown on Figure 1.

1.1 Phase One Property Information

Municipal address:	401, 405, 409, 411, 413 and 417 Martha Street, Burlington, ON, L7R 2P6
Client(s):	2413350 Ontario Inc.
UTM co-ordinates:	17T 597787.13 m E 4797925.62 m N
Elevation:	80 masl
Approx. site area (all six properties):	3281.69 m^2 or 0.81 ac

The site layouts and adjacent land uses are shown on Figure 2.

1.2 Limitations and Exceptions of Report

Hallex Environmental Ltd. prepared this report for the account of: 2413350 Ontario Inc. The material in it reflects Hallex Environmental Ltd. best judgement based on the information discovered at the time of preparation, within the Phase 1 ESA scope of work. The investigative procedures and format of this report generally follow the guidelines established in: Part XV.1 of the Environmental Protection Act, per Ontario Regulations 153/04 and 511/09. Any information presented concerning materials at the site is based on information gathered during the site visit only. There may be materials and/or subsurface soil and/or groundwater conditions on-site, which are not represented by these non-invasive investigations. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. Hallex Environmental Ltd. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

Declaration: Hallex Environmental Ltd., and its' Officers and Directors, declare no conflicting business or interests with the client or the subject property.

2.0 SCOPE OF INVESTIGATION

The objectives of the Phase 1 Environmental Site Assessment (ESA) were an investigation of the subject property and adjacent lands conducted in accordance with the regulations by or under the supervision of a qualified person to determine the likelihood that one or more contaminants have affected any land or water on, in or under the property within the definitions in the Environmental Protection Act, and scope of Ontario Regulation 511/09. Recognized environmental conditions, and Potentially Contaminating Activities (PCA) based on past or present uses, if revealed, were identified as 'Areas of Potential Environmental Concern' (APEC), and individually evaluated as to whether they were triggers for additional investigation via a Phase 2 ESA.

2.1 Procedures

The Phase 1 ESA scope of investigation included:

- Review of historical background information via:
    - Vernon's City Directory Search (Appendix A)
    - Chain of Title (Appendix B)
    - Fire Insurance Plans (Appendix C)
    - EcoLog ERIS (Environmental Risk Information System) (Appendix D)
    - Examination of historical topographic and geological maps, and aerial photographic search and interpretation (Appendix E);
- Site reconnaissance: for observations of the site grounds, structures, and adjacent properties. (Site photograph log – Appendix F)
- Historical information – Rambo Creek (Appendix G)
- Ontario Oil, Gas & Salt Resources Library (Appendix H)
- Evaluation of information in terms of Potentially Contaminating Activities (PCA), and Areas of Potential Environmental Concern (APEC).
- Formation of a preliminary Conceptual Site Model regarding potential contaminants, contaminant migration pathways, and human and/or ecological receptors.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

The results of the Vernon's City Directory Search, and reviews of Fire Insurance Plans and environmental documents in addition to the site investigation revealed that is was not necessary to expand the search beyond a 250 m radius of the property. The Vernon's City Directory search was conducted at McMaster University Library on August 17th, 2016. Site records were available dating back to 1971 and confirmed residential land ownership on the study sites. Information is summarized in Appendix A.

3.1.2 First Developed Use Determination

The first developed land use, as determined through historical documents research and discussions with current owners (dwellings at least 80+ years old) were residential.

3.1.3 Chain of Title

The chain of title for each residence was provided to Hallex Environmental for review and use and confirms land ownership as belonging to an individual(s) person (people)and not corporations or industrial businesses. All records are located in B.

3.1.4 Fire Insurance Plans

Fire insurance plans (FIP) were researched at McMaster University Special Collections Library on August 17th, 2016. Two FIP were available for review 1924 and 1971and both depicted the sites as having been developed and in use for residential purposes with dwellings located on-site consistent with what was investigated during site reconnaissance. FIP's are located in Appendix C.

3.1.5 Environmental Reports

There were no existing environmental reports provided to Hallex Environmental Ltd. to review concerning the subject site.

3.2 Environmental Source Information

The following agency databases and documents were reviewed where available and discussed further where necessary, for information regarding the Martha Street properties, Burlington, ON and the surrounding area to determine the presence of any activity or material of potential environmental concern.

- *National Pollutant Release Inventory;*
- *Waste Disposal Site Inventory/ Coal Gasification/Landfill Information/Waste management records;*

- *PCB Waste Storage Inventory;*
- *Ministry of Natural Resources, Niagara Peninsula Conservation Authority, & Regional Municipality of Niagara;*
- *EcoLog ERIS database*

The EcoLog ERIS report returned fifty-four (54) environmental records within 0.25 km of the study site. There were no records of significance pertaining to the study site or immediate surrounding area. The majority of the records were boreholes and water wells within the 250 m radius. The full EcoLog ERIS report is located in Appendix D.

3.3 Physical Setting

3.3.1 Aerial Photographs

Aerial photographs were examined and aided in verifying the presence of buildings on site and within the surrounding area, along with bridging any gaps left from FIP's, Vernon's City Directory and Land Ownership searches. The following years were available for review: 1954/1955, 1959, 1978, 1989, 1989, 2004, 2009 and 2014. All aerial photos show the site as having been developed for residential purposes with surrounding land use remaining consistent with today's use, mixed residential, commercial and green space. Aerial photos are located in Appendix E.

3.3.2 Site Description

The Martha Street properties were all residential dwellings. Three (3) were cottage style abodes and three (3) were post-war style homes. Each residence had a small front yard and a larger rear yard backing onto Rambo Creek. All were still occupied at the time of the site visit. The combined acreage of all six lots is approximately 0.81 acres. A photo log highlights each study site and surrounding land uses and is located in Appendix F.

3.3.3 Topography, Hydrology, Geology

Topography:

The site exhibited an elevation of 80 masl. The residences are all situated towards the front of the sites which sit higher than the backyards as the land gradually slopes towards Rambo Creek.

Hydrology:

The groundwater flow at the site is expected to mimic regional overall flow that is east towards Lake Ontario.

Geology:

Review of: Quaternary Geology of Ontario [Ontario Geological Survey Map 2556] indicated that the subject site is underlain by Glaciolacustrine deposits of sand and gravel, underlain by bedrock. Local depth to groundwater was not determined.

3.3.4 Water bodies and areas of natural significance

Rambo Creek is adjacent to the northern property boundaries of the study sites (in the backyards). The creek has some historical significance to the area and dates back to at least the time when the land was granted to Joseph Brant, during the 1700's. Descriptions for the creek include the following as taken from online sources describing local creeks within the region: *"…[ ] there is even a little more than 400 m of shallow, tree-covered ravine upstream of the mouth, running behind 60-160 year old homes and post-war apartment towers."* The homes described herein could potentially be referring to some of the dwellings associated with the study site, but at the very least confirm that the land surrounding the creek was in use for residential purposes. Lake Ontario is located approximately 269 m east from 401 Martha Street. Additional information regarding Rambo Creek is located in Appendix G.

3.3.5 Well Records

A review of the Ontario Oil, Gas & Salt Resources Library revealed no relevant data pertaining to the study site or adjacent lands within a 250m radius of the site. Some water well records, obtained from Ontario Oil, Gas & Salt Resources Library, were located within 2500 m of the study site (summaries are provided in Appendix H). Those records in closest proximity to the study site provided some background information on surrounding geology however did not depict site specific stratigraphy.

3.4 Site Operating Records

There were no applicable site operating records available for review.

4.0 INTERVIEW

The owner of 401 Martha Street and previous owner and GlenMax representative met Hallex on site and confirmed the sites had always been residential, that the dwellings were at least 80+ years old and that one (1) Above Ground Storage Tank (AST) located in the basement of 417 Martha Street remained, having never converted to gas over the years. The men also indicated that three (3) of the older homes had been recently renovated with 401 Martha Street being renovated back to the studs, while the smaller cottage style dwellings did not receive updates.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

The site investigation took place on August 17th, 2016. Kevin Christian, M.Sc., P.Geo, Qualified Person and Mrs. Jodie Glasier, M.MM., B.A., Project Coordinator conducted the investigation.

5.2 Specific Observations at Phase One Property – Grounds

Hallex Environmental conducted reconnaissance of the site grounds on August 17th, 2016, to identify Potentially Contaminating Activities (PCA) and Areas of Potential Environmental Concern (APEC) that could present the potential for contaminant sources available for migration via air, surface drainage, soil, and/or groundwater flow, to human and/or ecological receptors. Findings are summarized below and discussed further where necessary.

Martha Street Properties	
Focus Items	**Location / Description**
Storage tanks (AST/UST)	None observed
Wells	None observed
Sewage disposal	Municipal
Pits and lagoons	None observed
Stained materials	None observed
Stressed vegetation	None observed
Fill	None observed
Wastewater	Municipal
Watercourses, ditches, standing water	None observed
Equipment	None observed
Debris	None observed
Chemical storage (other than fuel)	None observed

5.3 Specific Observations at Phase One Property - Structures

There are currently six (6) residential dwellings located on site. The three cottage style dwellings are original in structure and materials having never been renovated, while the other three buildings were recently renovated and are larger in size more comparable to a single family dwelling. Small asphalt driveways and front lawns open up in rear to large backyards fronting up to Rambo Creek. Hallex Environmental conducted reconnaissance of the site structure on August 17th, 2016, to identify Potentially Contaminating Activities (PCA) and Areas of Potential Environmental Concern (APEC) that could present the potential for contaminant sources, or designated substances, available for migration via air-inhalation, ingestion, or dermal contact, to human receptors. Findings are summarized below and discussed further where necessary.

417 Martha Street, Burlington, ON		
Interior Focus Items	**Location & Description**	**Phase 2 ESA* or DSS** Recommended**
UFFI (urea formaldehyde foam insulation)	None observed	-
PCB's (polychlorinated biphenyl)	None observed	-

417 Martha Street, Burlington, ON		
Interior Focus Items	**Location & Description**	**Phase 2 ESA* or DSS** Recommended**
Ozone Depleting Substances	None observed	-
Designated Substances under Bill 208 of the Occupational Health and Safety Act, including:		
Acrylonitrile	None observed	-
Isocyanates	None observed	-
Arsenic	None observed	-
Lead (Paint)	The presence of lead paint could exist given the age of the original building, at least 80+ years. The paint was in good condition within the house, exterior paint was fair- had minor flaking/peeling.	DSS prior to demolition
Asbestos Containing Materials (ACM)	Aerocell insulation, window/door mastic, roofing materials, stucco, joint compound	
Mercury	Thermostats present	-
Benzene	None observed	-
Silica	Building materials	-
Ethylene Oxide	None observed	-
Vinyl Chloride	None observed	-
Radon	Survey not conducted	N/A
Mould	None observed	-
Water damage	None observed	-
Noise	None observed	-
Electromagnetic field sources	None observed	-
Heating and cooling systems	AST – heating oil	-
Drains and sumps	None observed	-
Hydraulic equipment	None observed	-
Chemical storage	None observed	-
Odours	None observed	-
Other	-	-

* Phase 2 ESA = Phase 2 Environmental Site Assessment pertaining to soil and/or groundwater conditions,
** DSS = Designated Substances & Hazardous Materials Survey of building materials.

5.3.1 Asbestos Containing Materials

Building materials suspected as Asbestos Containing Materials (ACM's) included insulation, window/door mastic, roofing materials, stucco and joint compound. Asbestos is classified as a Designated Substance under the Occupational Health and Safety Act. Hallex recommends sampling the suspected material prior to any demolition and/or removal.

5.3.2 Lead Paint

The potential for the presence of lead-based paint was documented due to the age of the building (+80 years). Lead is classified as a Designated Substance under Ontario Regulation 843 of the Occupational Health and Safety Act. Sampling and analysis of painted surfaces, as part of a Designated Substance Survey, should take place before any demolition takes place, to ensure the

health and safety of workers, as under Ontario Regulation 519/92, and determine paint removal and disposal procedures if lead paint was confirmed.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses – Subject Site

The historic documents' search revealed the subject site in use for residential purposes dating from the early 1900's to present day.

6.2 Potentially Contaminating Activities – On Site

6.2.1 Historical Potentially Contaminating Activities

No historically potentially contaminating activities were found to be located on site.

6.2.2 Recent Potentially Contaminating Activities

No recent potentially contaminating activities were found to be located on site.

6.3 Adjacent Land Uses

The surrounding land uses were a mix residential dwellings, city parking and small commercial businesses. Further description of surrounding property uses are presented below.

Description	Current Use	Past Use	Source used
Adjacent/ Surrounding Properties:	**North:** Rambo Creek, Residential apartment buildings beyond **South:** Residential townhomes, and city parking lots **East:** Residential apartment building, Lake side trails, Lake Ontario beyond **West**: Residential	**North/South/East/West:** Residential	Historical document research, Fire Insurance Plans, Vernon's City Directory search, Aerial photos 1934-2010 and site investigation (August 17th, 2016).

6.3.1 Adjacent PCA's

No adjacent potentially contaminating activities were identified with the potential to have impacted soil and/or groundwater at the subject property.

6.3.2 Within study area

Current adjacent land uses as of August 17th, 2016 North, South, East, and West of the study site did not exhibit visible items of concern that would constitute potentially contaminating activities to the subject site regarding potential for impact to soil or groundwater.

7.0 HAZARDOUS MATERIALS & DESIGNATED SUBSTANCES

During field reconnaissance, a visual survey of potential hazardous materials and designated substances as presented in Section 5.3, and only associated with municipal address 417 Martha Street, Burlington identified the following:

Designated Substance or Hazardous Material	Material	Location(s)	Media Potentially Impacted	Recommended Follow-up Activities
Asbestos Containing Material	Aerocell Insulation	Walls	Site workers & residents – Air	Sample suspected materials for classification purposes prior to demolition
	Stucco, Joint Compound	Interior: Walls/ Ceiling		
	Roofing Material	Exterior - roof		
	Mastic	Exterior Windows/ doors		
Lead Paint	Walls	Throughout house		

8.0 PHASE ONE CONCEPTUAL SITE MODEL

The conceptual site model qualitatively considers the potential interaction of primary sources of environmental concern, with suspected contaminants of concern, and the pathway(s) and exposure route(s) to the receptors. No target contaminants were identified with potential migration pathways to human and/or biota receptors, therefore a Phase One Conceptual Site Model was deemed unnecessary.

9.0 DISCUSSION AND RECOMMENDATIONS

Hallex Environmental Ltd. was retained by 2413350 Ontario Inc.to conduct a Phase 1 Environmental Site Assessment for 401, 405, 409, 411, 413 & 417 Martha Street, Burlington, ON, referred to herein as Martha Street properties. Potentially contaminating activities, and contaminants or materials of potential concern, if revealed, were identified as 'Areas of Potential Environmental Concern' (APEC), and individually evaluated whether they were triggers for additional investigation via a Phase 2 ESA. The Phase 1 ESA scope of investigation included:

Review of historical background information via:

- Vernon's City Directory Search
- Chain of Title
- Fire Insurance Plans
- EcoLog ERIS (Environmental Risk Information System)
- Examination of historical topographic and geological maps, and aerial photographic search and interpretation;

- Site reconnaissance: for observations of the site grounds, structures, and adjacent properties. (Site photograph log)
- Historical information – Rambo Creek
- Ontario Oil, Gas & Salt Resources Library
- Evaluation of information in terms of Potentially Contaminating Activities (PCA), and Areas of Potential Environmental Concern (APEC).
- Formation of a preliminary Conceptual Site Model regarding potential contaminants, contaminant migration pathways, and human and/or ecological receptors.

FINDINGS

The following findings were documented for the study sites:

401, 405, 409, 411 & 413 Martha Street, Burlington, ON:

1) No 'Areas of Potential Environmental Concern' (APEC) observed that would indicate any potential contaminant source, nor trigger a recommendation for further assessment.
2) Current adjacent land uses did not exhibit visible exterior items that would constitute APEC to the subject site regarding potential for impact to soil, or groundwater of the subject property.
3) Historical site uses, and historical adjacent site uses, as identified from aerial photographs, fire insurance plans, ERIS EcoLog and the Vernon's City Directory, did not indicate land uses that would commonly generate significant APEC.

417 Martha Street, Burlington, ON:

1) One (1) Potentially Contaminating Activity was documented in the basement of the residential dwelling- a 950 L Above Ground Storage Tank (AST). Although noted as a PCA, Hallex does not consider the AST to represent an Area of Potential Environmental Concern at the municipal address or to the study area for the following reasons:
    a. it was recently upgraded,
    b. professional contractors decommissioned and removed the previous tank prior to installation of the new tank,
    c. its current condition has been well maintained and does not appear to have any damage and
    d. the AST is sitting on a concrete slab floor.

    Therefore in the QP's opinion its current state does not trigger a recommendation for further assessment.
2) Current adjacent land uses did not exhibit visible exterior items that would constitute APEC to the subject site regarding potential for impact to soil, or groundwater of the subject property.
3) Historical site uses, and historical adjacent site uses, as identified from aerial photographs, fire insurance plans, ERIS EcoLog and the Vernon's City Directory, did not indicate land uses that would commonly generate significant APEC.

Designated Substances and Hazardous Materials Survey

During field reconnaissance, a visual survey of one residential dwelling (417 Martha Street) was conducted to provide an example of the interior of the homes and identify any potentially hazardous materials and/or designated substances within the building space. Hallex was informed that municipal addresses 401, 405 and 409 Martha Street had recently undergone major interior renovations and were considered fully updated (although not confirmed through entry into the sites). Addresses 411, 413 & 417 Martha Street remained as the smaller cottage style dwellings never having been updated.

RECOMMENDATIONS

Given the age of the original (cottage style) structures (80+ years) and visual inspection of 417 Martha Street Hallex recommends **a Designated Substance and Hazardous Materials Survey for suspected DSS & Hazardous Materials- Asbestos (aerocell insulation, window/door mastic, roofing materials, stucco and joint compound) and Lead Paint (based on age of structures) be conducted at each residence prior to any disturbance, removal or demolition of the building structures.**

CONCLUSIONS

No further environmental site assessment work is considered necessary at the Martha Street properties and the site conditions justify continued residential land use within the definition of O. Reg. 153/04 and 511/09 as of August 17th, 2016.

10.0 AUTHOR

Hallex Environmental Ltd. has conducted this Phase 1 Environmental Site Assessment as permitted by Hallex Certificate of Authorization (#90252). The following employees authored the report:

Jodie Glasier **-** Mrs. Jodie Glasier, M.MM, HB.A was the lead researcher and project coordinator for the Phase 1 ESA. Jodie Glasier has seven + years of diverse environmental project experience including work on Phase 1 & 2 Environmental Site Assessments, Records of Site Condition Filing, Environmental Compliance Approvals, Designated Substances and Hazardous Materials Surveys, Site Investigations, Remediation Studies, and Environmental Planning.

Kevin Christian **-** Mr. Kevin Christian performed the site inspection and served as the project manager and principal geoscientist for the Phase 1 ESA. Mr. Kevin Christian, M.Sc., P.Geo., a Professional Geoscientist (#0387) registered with the Association of Professional Geoscientists of Ontario, and a Qualified Person (Environmental Site Assessment & Risk Assessment) as per Ontario Regulations 153/04 and 511/09, has twenty-six years of experience in the environmental geoscience consulting industry conducting Phase 1 and 2 ESA's, remedial planning, and site remediation supervision.

11.0 REFERENCES

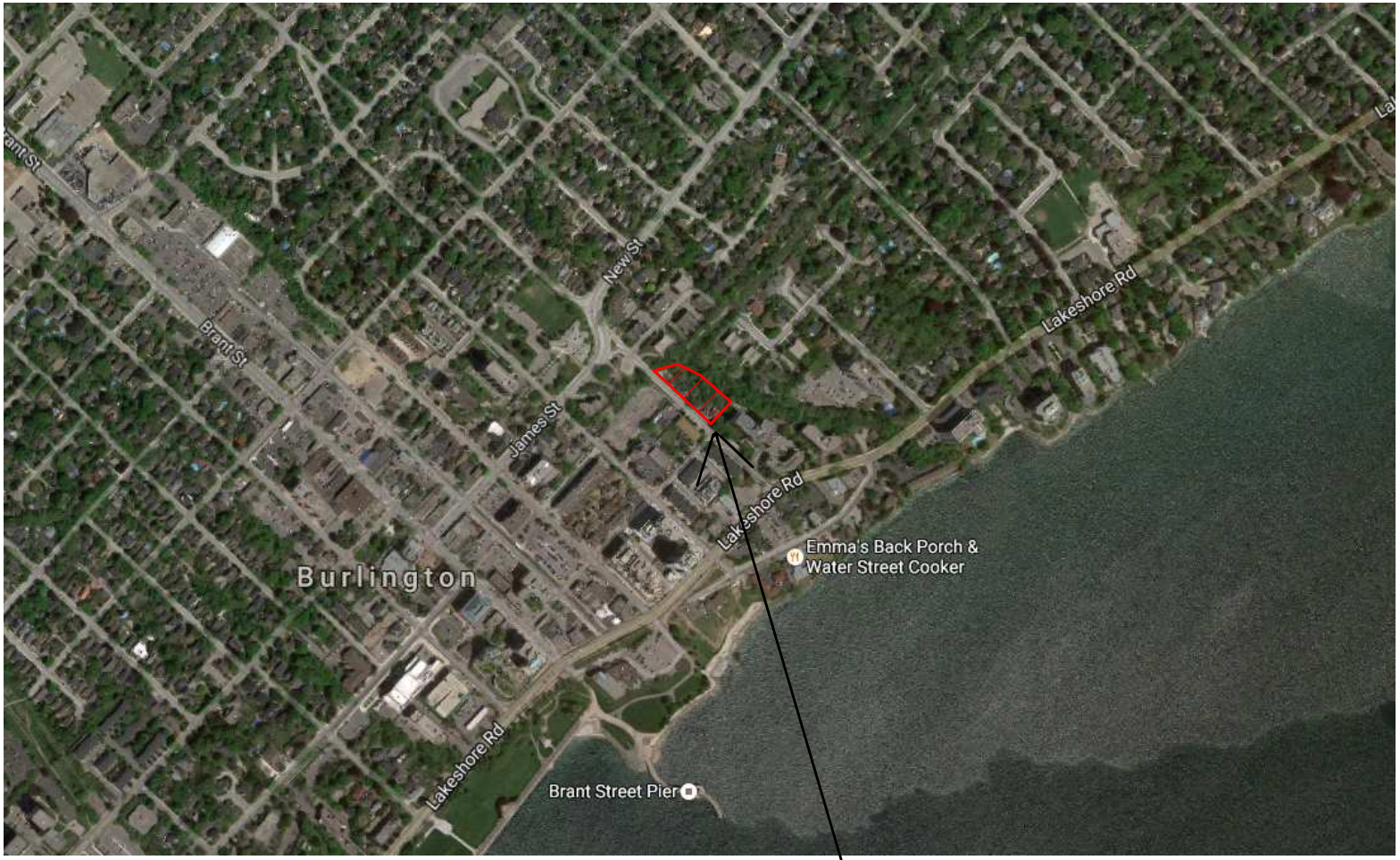
The following reports, documents and databases were reviewed for the completion of this Phase 1 ESA.

- McMaster University Map Library
- City of Burlington, Vernon's City Directory.
- EcoLog ERIS
- National Pollutant Release Inventory (NPRI) database www.ec.gc.ca.
- Ontario Inventory of PCB Storage Site October 1991, Ministry of the Environment, January 1992.
- Ontario Oil, Gas, and Salt Resources Library, www.ogsrlibrary.com.
- Waste Disposal Site Inventory, Ministry of the Environment, 1991.

FIGURES

Figure 1: Site Location

Figure 2: Site Layout & Adjacent Land Uses



0 m 500 m

Legend

Study Site

Client

2413350 Ontario Inc

Project

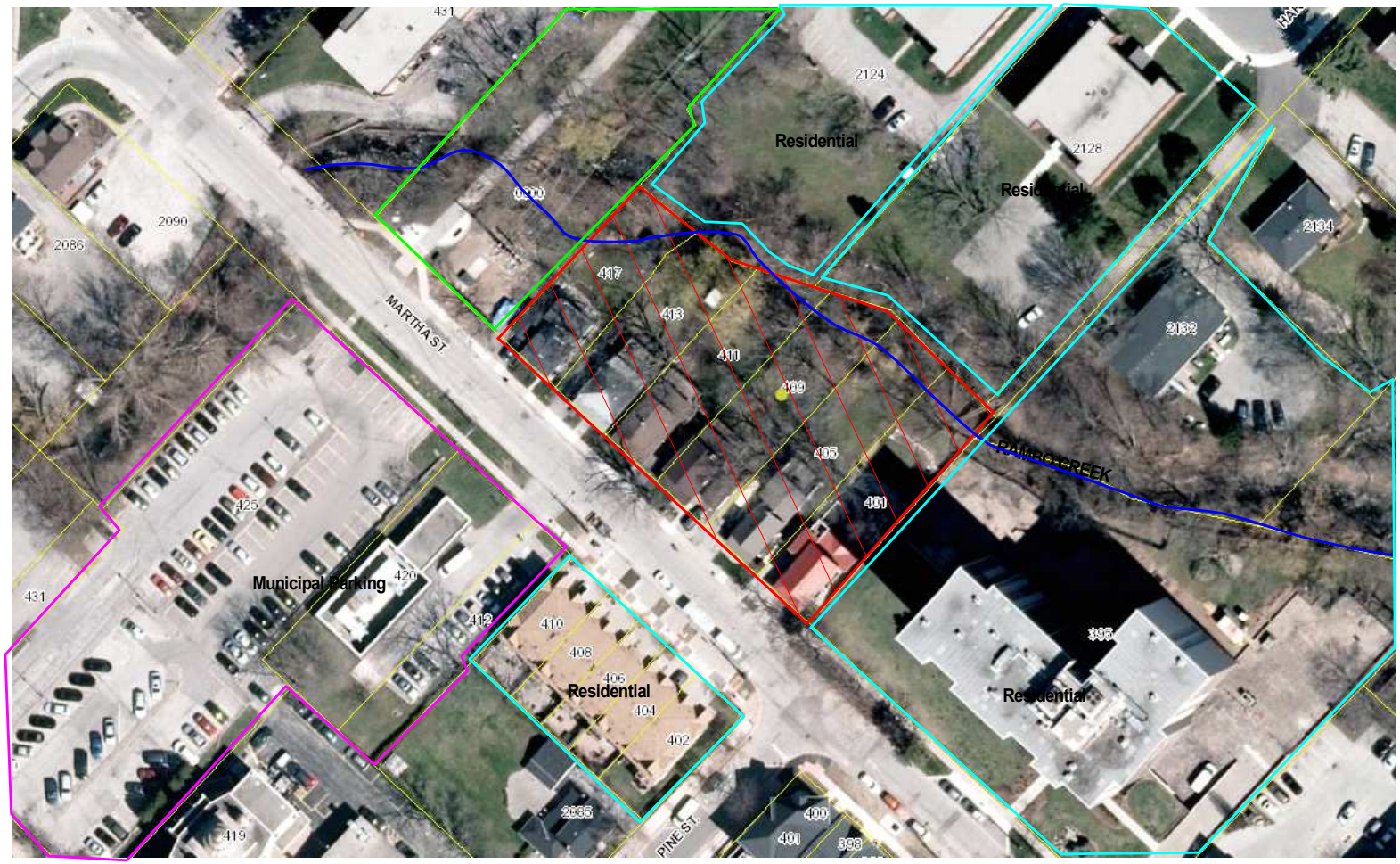
Phase 1 ESA Martha Street properties, Burlington, ON

Figure Name

Site Location

Project	E-16-32-1
Date	August 2016
Scale	see bar scale

Figure 1



0 m 50 m

HALLEX ENVIRONMENTAL LTD.

Legend

- Phase One Property
- Residential Land Use
- Commercial Land Use (City Parking)
- City Greenspace
- Rambo Creek

Client

2413350 Ontario Inc

Project

Phase 1 ESA Martha Street properties, Burlington, ON

Figure Name

Site Layout & Adjacent Lots

Project	E-16-32-1
Date	August 2016
Scale	see bar scale

Figure 2

Appendix A:

Vernon's City Directory

Vernon's City Directory Search

401, 405, 409, 411, 413 & 417 Martha Street

Date	Location Description	Address	Property Name
2011	**Martha Street**		
		401	No Return
		405	
		413	Residential
		411	
		417	
		431	Residential
		402	
		408	
		412	No Return
		420	Burlington Hydro
2000	**Martha Street**		
		395	Residential
		401-431	Residential
		412	No Return
		425	Lions Club Park
1998	**Martha Street**		
		395	Residential
		401-431	Residential
		412	No Return
		425	Lions Club Park
1971	**Martha Street**		
		387-431	Residential
		412	Residential

Appendix B:

Chain of Title

PROPERTY DESCRIPTION: PT LT 92 , RCP PL99 , AS IN 826472 ; BURLINGTON

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1997/06/18

OWNERS' NAMES
BURNS, CAROLYN

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/06/18 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/06/18						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 1997/06/17 ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1997/06/18 ***						
119980	1961/01/25	BYLAW				C
826472	1994/08/02	TRANSFER		*** COMPLETELY DELETED ***	CALLAGHAN, PAMELA JILL	
826473	1994/08/02	CHARGE		*** COMPLETELY DELETED ***	MONTREAL TRUST COMPANY OF CANADA	
837492	1995/05/02	TRANSFER OF CHARGE		*** COMPLETELY DELETED ***	CANADA TRUSTCO MORTGAGE COMPANY	
	REMARKS: 826473					
H695052	1997/08/20	CHARGE		*** COMPLETELY DELETED ***		

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				CALLAGHAN, PAMELA JILL	PRIMERICA LIFE INSURANCE COMPANYOF CANADA	
H803779	1999/08/05	CHARGE		*** COMPLETELY DELETED *** CALLAGHAN, PAMELA JILL	HOUSEHOLD REALTY CORPORATION LIMITED	
H811878	1999/09/21	DISCH OF CHARGE		*** COMPLETELY DELETED *** PRIMERICA LIFE INSURANCE COMPANYOF CANADA		
	REMARKS: RE: H695052					
HR472925	2006/05/01	TRANSFER	$340,000	CALLAGHAN, PAMELA JILL	BURNS, CAROLYN	C
	REMARKS: PLANNING ACT STATEMENTS					
HR472926	2006/05/01	CHARGE		*** COMPLETELY DELETED *** BURNS, CAROLYN	MCAP SERVICE CORPORATION	
HR473504	2006/05/03	DISCH OF CHARGE		*** COMPLETELY DELETED *** HOUSEHOLD REALTY CORPORATION LIMITED		
	REMARKS: RE: H803779					
HR511058	2006/09/13	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE CANADA TRUST COMPANY		
	REMARKS: RE: 826473					
HR560235	2007/04/19	CHARGE		*** COMPLETELY DELETED *** BURNS, CAROLYN	MERK MORTGAGES INC	
HR680282	2008/07/15	DISCH OF CHARGE		*** COMPLETELY DELETED *** MERK MORTGAGES INC		
	REMARKS: RE: HR560235					
20R18352	2009/08/21	PLAN REFERENCE				C
HR781593	2009/09/01	NOTICE	$1	THE CORPORATION OF THE CITY OF BURLINGTON		C
HR887386	2010/11/04	CHARGE		*** COMPLETELY DELETED *** BURNS, CAROLYN	THE TORONTO-DOMINION BANK	
HR893628	2010/12/01	DISCH OF CHARGE		*** COMPLETELY DELETED *** MCAP SERVICE CORPORATION		
	REMARKS: HR472926.					

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
HR907580	2011/02/10	CHARGE	$739,123	BURNS, CAROLYN	THE TORONTO-DOMINION BANK	C
HR907719	2011/02/11	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
REMARKS: HR887386.						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PT LT 92 , RCP PL99 , AS IN 858205 ; BURLINGTON

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1997/06/18

OWNERS' NAMES
GAGNON, ANDRE GEORGE

CAPACITY SHARE
BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/06/18 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/06/18						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 1997/06/17 ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1997/06/18 ***						
119980	1961/01/25	BYLAW				C
858205	1997/03/07	TRANSFER		*** COMPLETELY DELETED ***	LJUNBERG, MATT GIBSON, TRACEY GIBSON, JOHN GIBSON, MARGUERITE	
858206	1997/03/07	CHARGE		*** COMPLETELY DELETED ***	THE TORONTO-DOMINION BANK	
HR84819	2001/11/16	TRANSFER		*** COMPLETELY DELETED *** GIBSON, JOHN GIBSON, MARGUERITE	1130564 ONTARIO LIMITED	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				GIBSON, TRACEY LJUNBERG, MATT		
HR84820	2001/11/16	CHARGE		*** COMPLETELY DELETED *** 1130564 ONTARIO LIMITED	CIBC MORTGAGES INC.	
HR117834	2002/05/15	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
	REMARKS: RE: 858206					
HR347625	2005/01/04	TRANSFER	$237,500	1130564 ONTARIO LIMITED	GAGNON, ANDRE GEORGE	C
	REMARKS: PLANNING ACT STATEMENT					
HR347626	2005/01/04	CHARGE	$167,500	GAGNON, ANDRE GEORGE	THE TORONTO-DOMINION BANK	C
HR352470	2005/01/27	DISCH OF CHARGE		*** COMPLETELY DELETED *** CIBC MORTGAGES INC.		
	REMARKS: RE: HR84820					
HR1057579	2012/10/15	LIEN		*** COMPLETELY DELETED *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE		
HR1190135	2014/06/20	DISCHARGE INTEREST		*** COMPLETELY DELETED *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE		
	REMARKS: HR1057579.					

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

PROPERTY DESCRIPTION: PT LT 92, RCP PL99, AS IN 611916.; CITY OF BURLINGTON

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1997/06/18

OWNERS' NAMES
BURNS, CAROLYN JEAN

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/06/18 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/06/18						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 1997/06/17 ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1997/06/18 ***						
119980	1961/01/25	BYLAW				C
611916	1984/12/27	TRANSFER		**** COMPLETELY DELETED ****	BERG, KATHLEEN	
HR869143	2010/08/18	APL CH NAME OWNER		**** COMPLETELY DELETED **** BERG, KATHLEEN	WALL, KATHLEEN	
HR870093	2010/08/20	TRANSFER	$320,000	WALL, KATHLEEN	BURNS, CAROLYN JEAN	C
	REMARKS: PLANNING ACT STATEMENTS					
HR870094	2010/08/20	CHARGE	$240,000	BURNS, CAROLYN JEAN	THE TORONTO-DOMINION BANK	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PT LT 92 , RCP PL99 , AS IN 856986; CITY OF BURLINGTON

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1997/06/18

OWNERS' NAMES	CAPACITY	SHARE
OLIVERIC, PREDRAG	JTEN	
OLIVERIC, VERA	JTEN	

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/06/18 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/06/18						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 1997/06/17 ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1997/06/18 ***						
119980	1961/01/25	BYLAW				C
856986	1996/11/29	TRANSFER		*** COMPLETELY DELETED ***	HEAL, ROBERT HEAL, SHARON	
856987	1996/11/29	CHARGE		*** COMPLETELY DELETED ***	SCOTIA MORTGAGE CORPORATION	
H752560	1998/08/28	TRANSFER		*** COMPLETELY DELETED *** HEAL, ROBERT HEAL, SHARON	TATARYN, DEBBIE ANN	
REMARKS: PLANNING ACT STATEMENTS						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
H752561	1998/08/28	CHARGE		*** COMPLETELY DELETED *** TATARYN, DEBBIE ANN	CIBC MORTGAGES INC.	
H760883	1998/10/19	DISCH OF CHARGE		*** COMPLETELY DELETED *** SCOTIA MORTGAGE CORPORATION		
	REMARKS: RE: 856987					
HR146370	2002/09/13	TRANSFER		*** COMPLETELY DELETED *** TATARYN, DEBBIE ANN	ALBANESE, HEATHER ALBANESE, DOMINIC	
	REMARKS: PLANNING ACT STATEMENTS					
HR146371	2002/09/13	CHARGE		*** COMPLETELY DELETED *** ALBANESE, HEATHER ALBANESE, DOMINIC	THE TORONTO-DOMINION BANK	
HR157430	2002/11/04	DISCH OF CHARGE		*** COMPLETELY DELETED *** CIBC MORTGAGES INC.		
	REMARKS: RE: H752561					
HR1164747	2014/02/13	TRANSFER	$398,000	ALBANESE, DOMINIC ALBANESE, HEATHER	OLIVERIC, PREDRAG OLIVERIC, VERA	C
	REMARKS: PLANNING ACT STATEMENTS.					
HR1164748	2014/02/13	CHARGE	$319,000	OLIVERIC, PREDRAG OLIVERIC, VERA	THE TORONTO-DOMINION BANK	C
HR1169691	2014/03/14	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
	REMARKS: HR146371.					

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

PROPERTY DESCRIPTION: PT LT 92 , RCP PL99 , AS IN 665959 ; S/T THE RIGHTS OF OWNERS OF ADJOINING PARCELS, IF ANY, UNDER 562632 ; BURLINGTON

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1997/06/18

OWNERS' NAMES
CALLAGHAN, GREGORY ALLAN

CAPACITY SHARE
BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/06/18 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/06/18						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 1997/06/17 ***						
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*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1997/06/18 ***						
119980	1961/01/25	BYLAW				C
665959	1987/05/08	TRANSFER		*** COMPLETELY DELETED ***	RYAN, GREGORY CHARLES SALTER, JANE MARGARET	
796772	1992/11/27	CHARGE		*** COMPLETELY DELETED ***	ROYAL BANK OF CANADA	
H699737	1997/09/15	TRANSFER		*** COMPLETELY DELETED *** RYAN, GREGORY CHARLES SALTER, JANE MARGARET	1130564 ONTARIO LIMITED	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
H699738	1997/09/15	CHARGE		*** COMPLETELY DELETED *** 1130564 ONTARIO LIMITED	CIBC MORTGAGES INC.	
H707248	1997/10/28	DISCH OF CHARGE		*** COMPLETELY DELETED *** ROYAL BANK OF CANADA		
	REMARKS: RE: 796772					
HR128569	2002/07/02	TRANSFER	$173,000	1130564 ONTARIO LIMITED	CALLAGHAN, GREGORY ALLAN	C
HR128570	2002/07/02	CHARGE	$159,982	CALLAGHAN, GREGORY ALLAN	THE TORONTO-DOMINION BANK	C
HR138796	2002/08/14	DISCH OF CHARGE		*** COMPLETELY DELETED *** CIBC MORTGAGES INC.		
	REMARKS: RE: H699738					
HR555622	2007/03/30	CHARGE	$173,500	CALLAGHAN, GREGORY ALLAN	THE TORONTO-DOMINION BANK	C

PROPERTY DESCRIPTION: PT LT 92 , RCP PL99 , PT 1, 20R7390; BURLINGTON

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1997/06/18

OWNERS' NAMES
GIRALDI, DAVID

CAPACITY SHARE
BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/06/18 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/06/18						
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*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1997/06/18 ***						
119980	1961/01/25	BYLAW				C
562632	1982/08/31	TRANSFER		*** COMPLETELY DELETED ***	TATARYN, MARK ANTHONY	
20R7390	1986/01/30	PLAN REFERENCE				C
722633	1989/06/30	CHARGE		*** COMPLETELY DELETED ***	CIBC MORTGAGE CORPORATION	
HR130342	2002/07/09	TRANSFER	$169,000	TATARYN, MARK ANTHONY	GIRALDI, DAVID	C
	REMARKS: PLANNING ACT STATEMENTS					

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

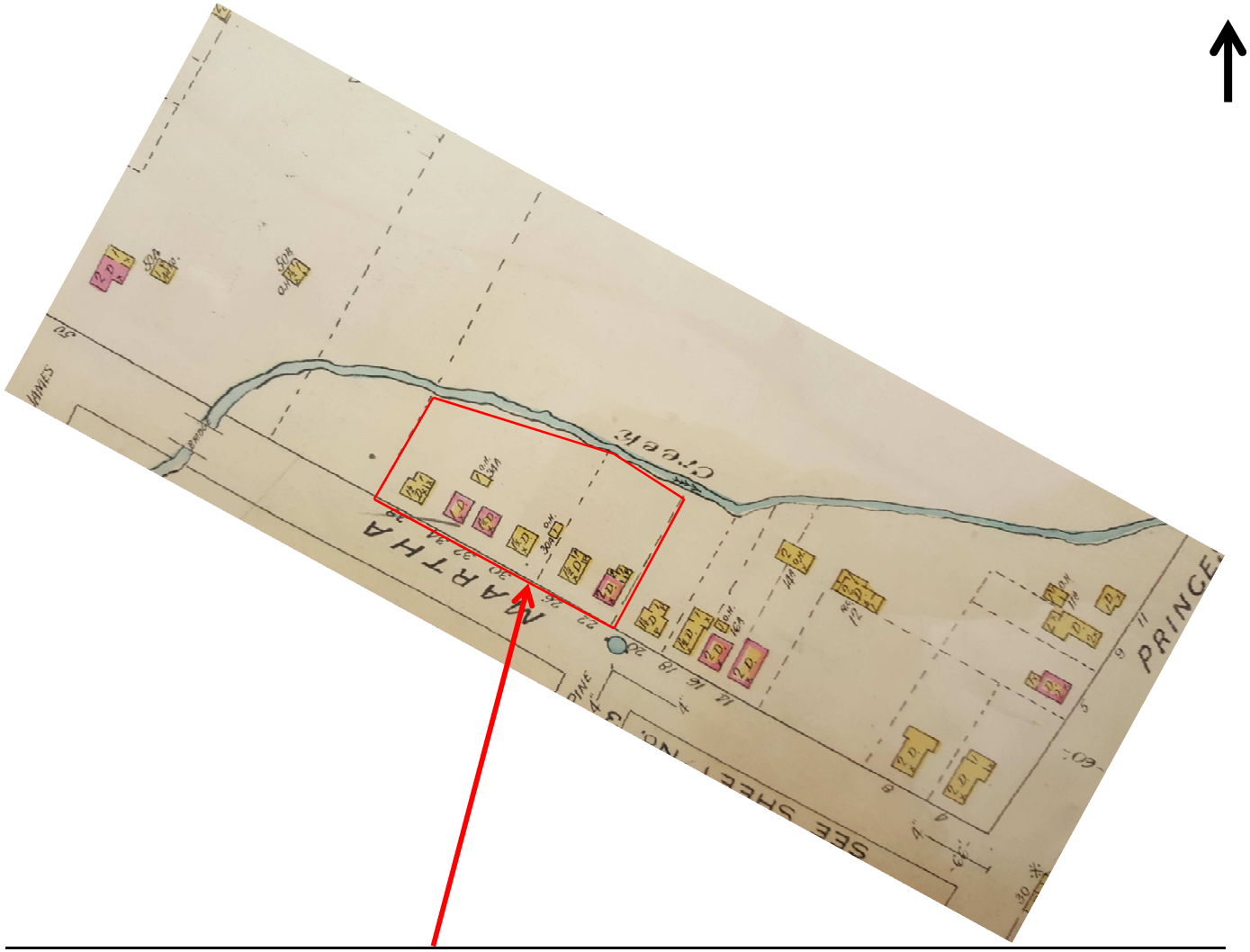
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
HR130345	2002/07/09	CHARGE	$126,750	GIRALDI, DAVID	HOME TRUST COMPANY	C
HR144541	2002/09/05	DISCH OF CHARGE		*** COMPLETELY DELETED *** CIBC MORTGAGE CORPORATION		
	REMARKS: RE: 722633					
HR191808	2003/04/23	NOTICE	$2	THE CORPORATION OF THE CITY OF BURLINGTON		C
HR427863	2005/11/07	TRANSFER OF CHARGE		HOME TRUST COMPANY	MCAP SERVICE CORPORATION	C
	REMARKS: HR130345					
HR613652	2007/10/22	LIEN		*** COMPLETELY DELETED *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE		
HR659277	2008/04/30	LIEN		*** COMPLETELY DELETED *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE		
HR1021111	2012/05/31	DISCHARGE INTEREST		*** COMPLETELY DELETED *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE		
	REMARKS: HR659277.					
HR1021114	2012/05/31	DISCHARGE INTEREST		*** COMPLETELY DELETED *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE		
	REMARKS: HR613652.					

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

Appendix C:

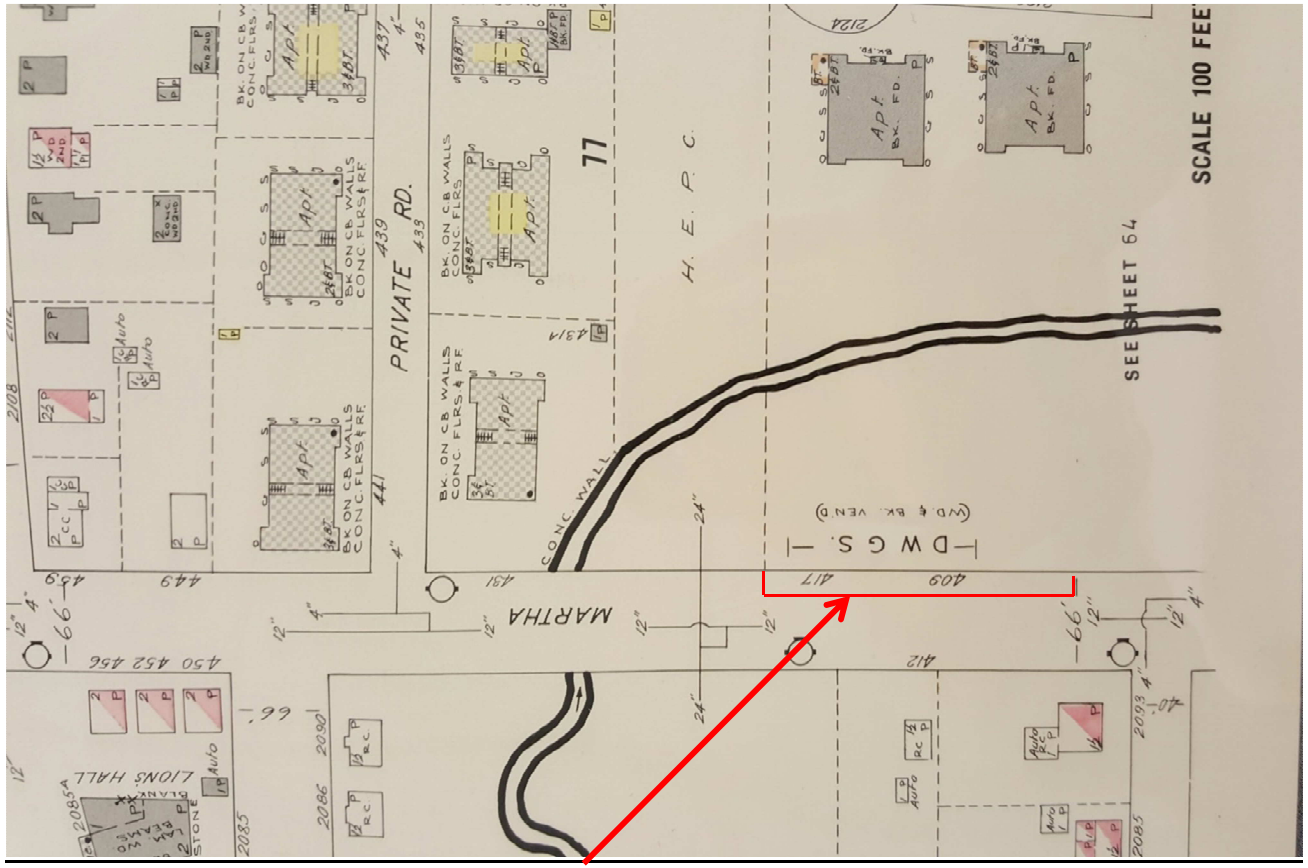
Fire Insurance Plans

1924 FIRE INSURANCE PLAN



Study sites – 401, 405, 409, 411, 413 & 417 Marth Street

1971 FIRE INSURANCE PLAN



Study sites – 401, 405, 409, 411, 413 & 417 Marth Street

Appendix D:

EcoLog ERIS

ENVIRONMENTAL RISK INFORMATION SERVICE

DATABASE REPORT

Project Property: *E-16-32-1 Phase 1 ESA Marth Street Properties, Burlington, ON*
411 Martha St
Burlington ON L7R2P6

Project No:

Report Type: *Standard Report*

Order No: *20160812015*

Requested by: *Hallex Environmental Ltd.*

Date Completed: *August 16, 2016*

Ecolog ERIS Ltd.
Environmental Risk Information Service Ltd. (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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Executive Summary

Property Information:

Project Property:		*E-16-32-1 Phase 1 ESA Marth Street Properties, Burlington, ON* *411 Martha St Burlington ON L7R2P6*
Project No:		
Coordinates:		
	Latitude:	*43.327734*
	Longitude:	*-79.793828*
	UTM Northing:	*4,797,916.45*
	UTM Easting:	*597,789.36*
	UTM Zone:	*UTM Zone 17T*
Elevation:		*262 FT* *80.00 M*

Order Information:

Order No:	*20160812015*
Date Requested:	*August 12, 2016*
Requested by:	*Hallex Environmental Ltd.*
Report Type:	*Standard Report*

Additional Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	***Abandoned Aggregate Inventory***	*Y*	*0*	*0*	*0*
AGR	***Aggregate Inventory***	*Y*	*0*	*0*	*0*
AMIS	***Abandoned Mine Information System***	*Y*	*0*	*0*	*0*
ANDR	***Anderson's Waste Disposal Sites***	*Y*	*0*	*0*	*0*
AUWR	***Automobile Wrecking & Supplies***	*Y*	*0*	*0*	*0*
BORE	***Borehole***	*Y*	*0*	*11*	*11*
CA	***Certificates of Approval***	*Y*	*0*	*5*	*5*
CFOT	***Commercial Fuel Oil Tanks***	*Y*	*0*	*0*	*0*
CHEM	***Chemical Register***	*Y*	*0*	*0*	*0*
COAL	***Inventory of Coal Gasification Plants and Coal Tar Sites***	*Y*	*0*	*0*	*0*
CONV	***Compliance and Convictions***	*Y*	*0*	*0*	*0*
CPU	***Certificates of Property Use***	*Y*	*0*	*0*	*0*
DRL	***Drill Hole Database***	*Y*	*0*	*0*	*0*
EASR	***Environmental Activity and Sector Registry***	*Y*	*0*	*0*	*0*
EBR	***Environmental Registry***	*Y*	*0*	*0*	*0*
ECA	***Environmental Compliance Approval***	*Y*	*0*	*1*	*1*
EEM	***Environmental Effects Monitoring***	*Y*	*0*	*0*	*0*
EHS	***ERIS Historical Searches***	*Y*	*0*	*9*	*9*
EIIS	***Environmental Issues Inventory System***	*Y*	*0*	*0*	*0*
EMHE	***Emergency Management Historical Event***	*Y*	*0*	*0*	*0*
EXP	***List of TSSA Expired Facilities***	*Y*	*0*	*0*	*0*
FCON	***Federal Convictions***	*Y*	*0*	*0*	*0*
FCS	***Contaminated Sites on Federal Land***	*Y*	*0*	*0*	*0*
FOFT	***Fisheries & Oceans Fuel Tanks***	*Y*	*0*	*0*	*0*
FST	***Fuel Storage Tank***	*Y*	*0*	*0*	*0*
FSTH	***Fuel Storage Tank - Historic***	*Y*	*0*	*0*	*0*
GEN	***Ontario Regulation 347 Waste Generators Summary***	*Y*	*0*	*10*	*10*
GHG	***Greehouse Gas Emissions from Large Facilities***	*Y*	*0*	*0*	*0*
HINC	***TSSA Historic Incidents***	*Y*	*0*	*1*	*1*
IAFT	***Indian & Northern Affairs Fuel Tanks***	*Y*	*0*	*0*	*0*
INC	***TSSA Incidents***	*Y*	*0*	*2*	*2*
LIMO	***Landfill Inventory Management Ontario***	*Y*	*0*	*0*	*0*
MINE	***Canadian Mine Locations***	*Y*	*0*	*0*	*0*
MNR	***Mineral Occurrences***	*Y*	*0*	*0*	*0*
NATE	***National Analysis of Trends in Emergencies System (NATES)***	*Y*	*0*	*0*	*0*

Database	Name	Searched	Project Property	Within 0.25 km	Total
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	10	10
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	2	2
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	3	3
	Total:		0	54	54

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding *Properties*

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	BORE		ON	N/46.5	0.76	17
2	EHS		425 Pearl St Burlington ON L7R2N2	WSW/80.8	3.04	17
3	HINC		2086 Pine St BURLINGTON ON L7R 1G2	S/88.3	3.34	17
4	RSC	987032 Ontario Inc.	394 Martha Street, Burlington, Ontario, ON L7R 2P7	SSE/89.3	1.79	18
5	GEN	Terratechnik Environmental	431 Martha Street burlington ON L7R 2P6	NW/89.8	3.38	18
6	EHS		2124 Harris Cres Burlington ON L7R1G4	NNE/91.5	3.66	19
7	RSC	987032 Ontario Inc.	2082 Pine Street, Burlington, Ontario, ON L7R 1G2	S/96.5	3.86	19
8	BORE		ON	NNE/97.3	4.17	19
9	EHS		2085 Pine St Burlington ON L7R1G1	S/97.4	3.63	20
10	RSC	987032 Ontario Inc.	388 Martha Street, Burlington, Ontario Burlington ON L7R 2P7	SSE/105.1	1.00	20
11	RSC	987032 Ontario Inc.	2078 Pine Street, Burlington, Ontario Burlington ON L7R 1G2	S/105.9	4.02	21
12	BORE		ON	N/127.1	6.00	21
13	GEN	Gabe Radakovic	439 Martha Street Burlington ON L7R 2P6	NNW/141.0	5.54	22
14	BORE		ON	SSE/141.3	2.45	22
15	EHS		2069 Lakeshore Rd Burlington ON L7R1E2	SSE/148.5	1.78	23
16	GEN	Thornwood Development Group Inc.	399 Pearl St. Burlington ON L7R 2M8	S/153.2	4.00	23
16	RSC	987032 Ontario Inc.	399 Pearl Street, Burlington, Ontario, ON L7R 2M8	S/153.2	4.00	23
17	GEN	Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	SSE/153.4	2.51	24
18	GEN	Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	SSE/154.4	2.80	24
18	GEN	Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	SSE/154.4	2.80	24
19	GEN	Gabirel Radakovic	437 Martha St Burlington ON L7R 2P6	N/159.6	6.00	24

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
20	CA	1121206 ONTARIO INC.	420 PEARL STREET BURLINGTON CITY ON L7R 2N1	SW/161.3	5.00	2
21	RSC	Mr. Stuart Scott	393 Pearl Street, Burlington, Ontario, ON L7R 2M8	S/161.7	4.00	25
22	GEN	Reichman Seniors Housing Development	392,398 Pearl Street Burlington ON L7R 2M9	SSW/165.8	4.05	25
23	RSC	Mr. Stuart Scott	389 Pearl Street, Burlington, Ontario Burlington ON L7R 2M8	S/166.4	4.00	26
24	EHS		2075 and 2079 James St Burlington ON	W/172.9	3.14	26
25	SPL	Wilderness Group<UNOFFICIAL>	APPROXIMATELY 2093 LAKESHORE BLVE, BURLINGTON<UNOFFICIAL> Burlington ON	SE/173.8	0.00	27
26	RSC	Pearl & Pine St. Facility Inc.	398 PEARL ST, BURLINGTON, ON, L7R 2M9 BURLINGTON ON L7R 2M9	SSW/178.6	4.00	27
27	GEN	Sun Mechanical	2121 Lakeshore Road Burlington ON	ESE/181.7	-1.05	28
28	GEN	Lakeshore Professional Arts Limited	2069 Lakeshore Rd. Suite 4 Burlington ON	S/182.5	3.22	28
29	SPL		INTERSECTION OF JAMES AND PEARL ST <UNOFFICIAL> Burlington ON	W/189.6	4.19	28
30	CA	VILLAGE SQUARE (BURLINGTON)	2049 PINE ST., UNITS 17 & 18 BURLINGTON ON L7R 1E9	SSW/192.0	4.00	28
31	CA	LABOK HOLDINGS (LEN KOVIC) TOWNHOUSES	PRIVATE-MARTHA STREET- NEW ST. BURLINGTON CITY ON	NW/194.3	6.00	29
32	BORE		ON	S/195.4	4.00	29
33	EHS		2037 Pine Street Burlington ON	SW/197.7	4.22	30
33	EHS		415 Elizabeth St Burlington ON L7R 2L8	SW/197.7	4.26	30
34	EHS		390 Pearl Street Burlington ON	S/202.3	4.00	30
35	ECA	The Regional Municipality of Halton	Harris Crescent & Torrance Street Harris Crescent & Torrance Street Burlington ON	NE/206.4	4.37	30
36	BORE		ON	ESE/212.1	-2.34	30
37	BORE		ON	S/215.3	4.00	31
38	CA	GWL Realty Advisors Inc.	360 Torrance St Torrance Terrace Apartments Burlington ON	E/217.8	0.89	31
39	BORE		ON	SSW/226.6	3.72	32
40	BORE		ON	SSW/230.0	3.19	32
41	WWIS		BURLINGTON ON	SSE/230.6	0.27	33

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
42	INC		ON	SW/231.5	4.00	34
43	INC		ON	NW/232.2	6.00	34
44	RSC	The Corporation of the City of Burlington	2080 Lakeshore Road, Burlington ON	S/232.3	3.00	35
45	BORE		ON	SW/232.9	4.34	36
45	WWIS		BURLINGTON ON	SW/232.9	4.31	36
46	BORE		ON	SSW/236.0	3.43	37
47	EHS		2101 Old Lakeshore Road Burlington ON L7R 1A4	SE/237.9	-0.33	37
48	RSC	Bridgewater Lakeshore Developer Inc.	2042, 2048 and 2054/2058 Lakeshore Road, Burlington ON	S/238.1	3.00	38
49	CA	ESPRESSO BAR, ROASTERY & DESSERT HOUSE L	413 ELIZABETH STREET BURLINGTON ON L7R 2L8	SW/244.5	4.00	38
50	WWIS		Burlington ON	S/249.3	2.87	39

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 11 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	N	46.49	1
	ON	NNE	97.33	8
	ON	N	127.12	12
	ON	SSE	141.25	14
	ON	S	195.42	32
	ON	S	215.26	37
	ON	SSW	226.58	39
	ON	SSW	230.03	40
	ON	SW	232.88	45
	ON	SSW	236.05	46

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	ESE	212.12	36

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 5 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
1121206 ONTARIO INC.	420 PEARL STREET BURLINGTON CITY ON L7R 2N1	SW	161.25	20
VILLAGE SQUARE (BURLINGTON)	2049 PINE ST., UNITS 17 & 18 BURLINGTON ON L7R 1E9	SSW	191.98	30

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
LABOK HOLDINGS (LEN KOVIC) TOWNHOUSES	PRIVATE-MARTHA STREET-NEW ST. BURLINGTON CITY ON	NW	194.34	31
GWL Realty Advisors Inc.	360 Torrance St Torrance Terrace Apartments Burlington ON	E	217.81	38
ESPRESSO BAR, ROASTERY & DESSERT HOUSE L	413 ELIZABETH STREET BURLINGTON ON L7R 2L8	SW	244.48	49

Lower Elevation	Address	Direction	Distance (m)	Map Key

ECA - Environmental Compliance Approval

A search of the ECA database, dated Feb 29, 2016 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
The Regional Municipality of Halton	Harris Crescent & Torrance Street Harris Crescent & Torrance Street Burlington ON	NE	206.42	35

Lower Elevation	Address	Direction	Distance (m)	Map Key

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2014 has found that there are 9 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	425 Pearl St Burlington ON L7R2N2	WSW	80.78	2
	2124 Harris Cres Burlington ON L7R1G4	NNE	91.52	6
	2085 Pine St Burlington ON L7R1G1	S	97.39	9
	2069 Lakeshore Rd Burlington ON L7R1E2	SSE	148.53	15
	2075 and 2079 James St Burlington ON	W	172.89	24
	415 Elizabeth St Burlington ON L7R 2L8	SW	197.69	33
	2037 Pine Street Burlington ON	SW	197.69	33
	390 Pearl Street Burlington ON	S	202.33	34

Lower Elevation	Address	Direction	Distance (m)	Map Key
	2101 Old Lakeshore Road Burlington ON L7R 1A4	SE	237.87	47

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-May 2015 has found that there are 10 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Terratechnik Environmental	431 Martha Street burlington ON L7R 2P6	NW	89.81	5
Gabe Radakovic	439 Martha Street Burlington ON L7R 2P6	NNW	141.02	13
Thornwood Development Group Inc.	399 Pearl St. Burlington ON L7R 2M8	S	153.15	16
Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	SSE	153.35	17
Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	SSE	154.42	18
Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	SSE	154.42	18
Gabirel Radakovic	437 Martha St Burlington ON L7R 2P6	N	159.58	19
Reichman Seniors Housing Development	392,398 Pearl Street Burlington ON L7R 2M9	SSW	165.84	22
Lakeshore Professional Arts Limited	2069 Lakeshore Rd. Suite 4 Burlington ON	S	182.51	28

Lower Elevation	Address	Direction	Distance (m)	Map Key
Sun Mechanical	2121 Lakeshore Road Burlington ON	ESE	181.68	27

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	2086 Pine St BURLINGTON ON L7R 1G2	S	88.28	3

Lower Elevation	Address	Direction	Distance (m)	Map Key

INC - TSSA Incidents

A search of the INC database, dated June 2009 - Nov 2015 has found that there are 2 INC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	SW	231.46	42
	ON	NW	232.19	43

Lower Elevation	Address	Direction	Distance (m)	Map Key

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jan 2016 has found that there are 10 RSC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
987032 Ontario Inc.	394 Martha Street, Burlington, Ontario, ON L7R 2P7	SSE	89.32	4
987032 Ontario Inc.	2082 Pine Street, Burlington, Ontario, ON L7R 1G2	S	96.51	7
987032 Ontario Inc.	388 Martha Street, Burlington, Ontario Burlington ON L7R 2P7	SSE	105.06	10
987032 Ontario Inc.	2078 Pine Street, Burlington, Ontario Burlington ON L7R 1G2	S	105.88	11
987032 Ontario Inc.	399 Pearl Street, Burlington, Ontario, ON L7R 2M8	S	153.15	16
Mr. Stuart Scott	393 Pearl Street, Burlington, Ontario, ON L7R 2M8	S	161.67	21
Mr. Stuart Scott	389 Pearl Street, Burlington, Ontario Burlington ON L7R 2M8	S	166.37	23
Pearl & Pine St. Facility Inc.	398 PEARL ST, BURLINGTON, ON, L7R 2M9 BURLINGTON ON L7R 2M9	SSW	178.55	26
The Corporation of the City of Burlington	2080 Lakeshore Road, Burlington ON	S	232.27	44
Bridgewater Lakeshore Developer Inc.	2042, 2048 and 2054/2058 Lakeshore Road, Burlington ON	S	238.10	48

Lower Elevation	Address	Direction	Distance (m)	Map Key

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2015 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Wilderness Group<UNOFFICIAL>	APPROXIMATELY 2093 LAKESHORE BLVE, BURLINGTON<UNOFFICIAL> Burlington ON	SE	173.77	25
	INTERSECTION OF JAMES AND PEARL ST <UNOFFICIAL> Burlington ON	W	189.65	29

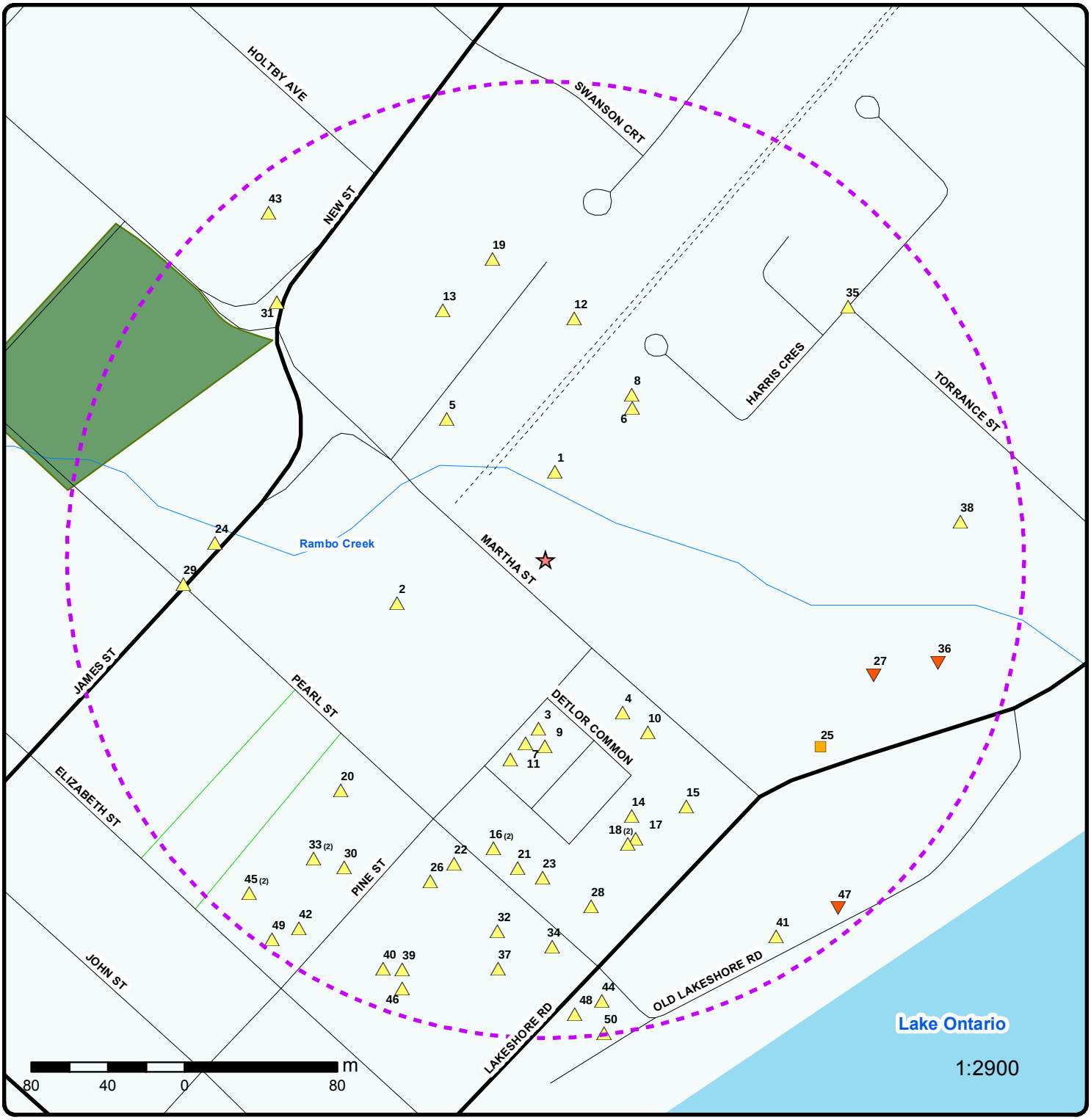
Lower Elevation	Address	Direction	Distance (m)	Map Key

WWIS - Water Well Information System

A search of the WWIS database, dated 1955-Mar 2014 has found that there are 3 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	BURLINGTON ON	SSE	230.57	41
	BURLINGTON ON	SW	232.88	45
	Burlington ON	S	249.34	50

Lower Elevation	Address	Direction	Distance (m)	Map Key



Map

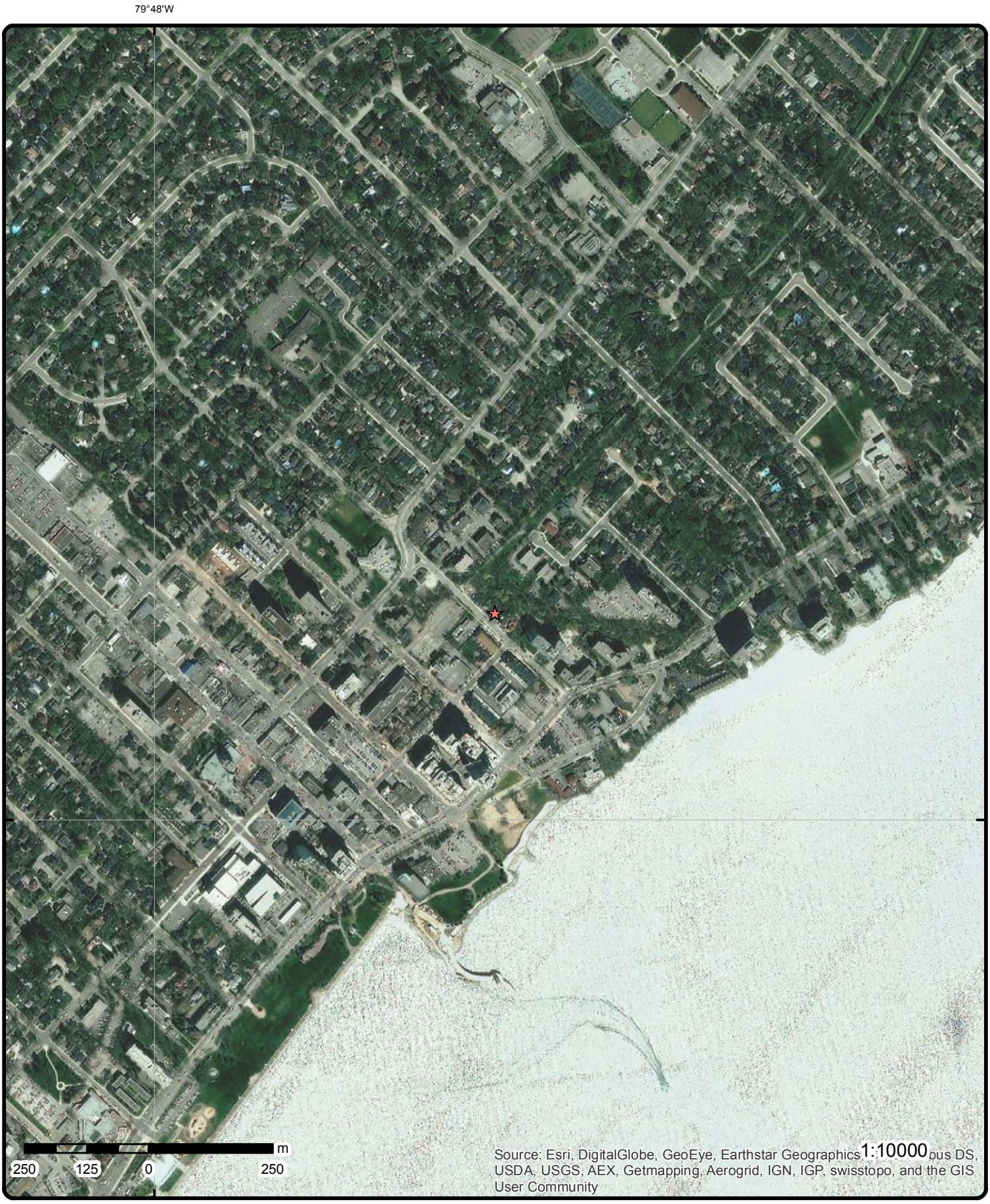
Order No: 20160812015

Address: 411 Martha St, Burlington, ON, L7R2P6

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- Pipelines and Transmission
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

Source: © 2014 DMTI Spatial Inc.

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Aerial

Order No: 20160812015

Address: 411 Martha St, Burlington, ON, L7R2P6

Source: ESRI World Imagery, Updated October 2014

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	N/46.5	80.8	ON	BORE

Borehole ID:	622281	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597795	**Northing:**	4797963
Location Accuracy:		**Orig. Ground Elev m:**	82.3
Elev. Reliability Note:		**DEM Ground Elev m:**	79.9
Total Depth m:	9.1	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	NOV-1970	**Static Water Level:**	-999.9
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218425028	**Top Depth(m):**	0.0
Bottom Depth(m):	0.9	**Stratum Desc:**	FILL,SILT,SAND, GRAVEL. BROWN,MAN-MADE,LOOSE, AGE POST-GLACIAL.
+			
Stratum ID:	218425029	**Top Depth(m):**	0.9
Bottom Depth(m):	1.7	**Stratum Desc:**	SILT,SAND,CLAY. BROWN,DENSE,AGE GLACIAL.
+			
Stratum ID:	218425030	**Top Depth(m):**	1.7
Bottom Depth(m):	9.1	**Stratum Desc:**	SILT,CLAY,SHALE. BROWN,DENSE,AGE GLACIAL. 00000007000300750056070

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
2	1 of 1	WSW/80.8	83.0	425 Pearl St Burlington ON L7R2N2	EHS

Addit. Info Ordered:	
Order No.:	20140612046
Report Date:	18-JUN-14
Report Type:	Custom Report
Search Radius (km):	.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
3	1 of 1	S/88.3	83.3	2086 Pine St BURLINGTON ON L7R 1G2	HINC

External File Num:	FS INC 0803-01277

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Date of Occurrence:	1/8/2008
Fuel Occurrence Type:	Pipeline Strike
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	Yes
Property Damage:	No
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:Yes Management:Yes Human Factors:Yes
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Halton
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

4	***1 of 1***	***SSE/89.3***	***81.8***	***987032 Ontario Inc.*** ***394 Martha Street, Burlington, Ontario, ON L7R 2P7***	***RSC***

Date Submitted:	29-Sep-05
Date Acknowledg.:	
Date Returned:	
Certification Date:	19-Aug-05
Soil Type:	
Restoration Type:	
Registration #:	2197
Stratified (Y/N):	
Criteria:	
Consultant:	
District Office:	BURLINGTON
Intended Prop Use:	Residential
Current Property Use:	Residential
Certificate Prop Use #:	No CPU
Applicable Standards:	ESA Phase 1
Legal Description:	PT LTS 12 & 13, BLK P, PL92, PTS 1 & 3, 20R13745; BURLINGTON. S/T 395579. S/T EXEC NO. 96-00930, IF ENFORCABLE.
Prop. Identification #:	07065-104
Entire legal prop. (y/n):	Yes
UTM Coordinates:	NAD83 17-597800-4797600
Latitude & Longitude:	43.32488340N 79.79375360W (converted from UTM)
Accuracy Estimate:	11 to 20 meters
Measurement Method:	Interpolation from a map
CPU Issued Sect 1686:	No

5	***1 of 1***	***NW/89.8***	***83.4***	***Terratechnik Environmental*** ***431 Martha Street*** ***burlington ON L7R 2P6***	***GEN***

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Generator #: ON7075760
Approval Yrs: 2010
SIC Code: 562990
SIC Description: All Other Waste Management Services

--- Details ---
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
6	1 of 1	NNE/91.5	83.7	2124 Harris Cres Burlington ON L7R1G4	EHS

Addit. Info Ordered:
Order No.: 20140106016
Report Date: 10-JAN-14
Report Type: Custom Report
Search Radius (km): .25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
7	1 of 1	S/96.5	83.9	987032 Ontario Inc. 2082 Pine Street, Burlington, Ontario, ON L7R 1G2	RSC

Date Submitted: 29-Sep-05
Date Acknowledg.:
Date Returned:
Certification Date: 19-Aug-05
Soil Type:
Restoration Type:
Registration #: 2194
Stratified (Y/N):
Criteria:
Consultant:
District Office: BURLINGTON
Intended Prop Use: Residential
Current Property Use: Residential
Certificate Prop Use #: No CPU
Applicable Standards: ESA Phase 1
Legal Description: PT LOT 11 BLK P, COMPILED PLAN PL92, PT LOT 12 BLK P, COMPILED PLAN PL92, PT LOT 13 BLK P, COMPILED PLAN PL92, AS IN 529136, EXCEPT PT 1 20R5223; BURLINGTON
Prop. Identification #: 07065-0050
Entire legal prop. (y/n): Yes
UTM Coordinates: NAD83 17-597750-4797600
Latitude & Longitude: 43.32488990N 79.79437010W (converted from UTM)
Accuracy Estimate: 11 to 20 meters
Measurement Method: Interpolation from a map
CPU Issued Sect 1686: No

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	1 of 1	NNE/97.3	84.2	ON	BORE

Borehole ID: 622282 **Type:** Borehole
Use: Geotechnical/Geological Investigation **Status:**

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597835	**Northing:**	4798003
Location Accuracy:		**Orig. Ground Elev m:**	84.7
Elev. Reliability Note:		**DEM Ground Elev m:**	83.8
Total Depth m:	6.1	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	NOV-1970	**Static Water Level:**	-999.9
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218425031	**Top Depth(m):**	0.0
Bottom Depth(m):	0.9	**Stratum Desc:**	FILL,SAND,SILT, GRAVEL. BROWN,MAN-MADE,LOOSE, AGE POST-GLACIAL.
+			
Stratum ID:	218425032	**Top Depth(m):**	0.9
Bottom Depth(m):	2.1	**Stratum Desc:**	SILT,SAND,CLAY. BROWN,DENSE,AGE GLACIAL.
+			
Stratum ID:	218425033	**Top Depth(m):**	2.1
Bottom Depth(m):	6.1	**Stratum Desc:**	SILT,CLAY,SHALE. BROWN,AGE GLACIAL. 00000004000300560007007560 70

9	***1 of 1***	***S/97.4***	***83.6***	***2085 Pine St Burlington ON L7R1G1***	***EHS***

Addit. Info Ordered:	Title Searches; City Directory
Order No.:	20140512025
Report Date:	13-MAY-14
Report Type:	Standard Report
Search Radius (km):	.25

10	***1 of 1***	***SSE/105.1***	***81.0***	***987032 Ontario Inc. 388 Martha Street, Burlington, Ontario Burlington ON L7R 2P7***	***RSC***

Date Submitted:	29-Sep-05
Date Acknowledg.:	
Date Returned:	
Certification Date:	19-Aug-05
Soil Type:	
Restoration Type:	
Registration #:	2196
Stratified (Y/N):	
Criteria:	
Consultant:	
District Office:	BURLINGTON
Intended Prop Use:	Residential
Current Property Use:	Residential
Certificate Prop Use #:	No CPU

Applicable Standards:	ESA Phase 1
Legal Description:	PT LT 11 BLK P, PL 92, AS IN 584332, PT LTS 11 & 12, BLK P, PL92, PT 2, 20R13745; BURLINGTON. S/T EXEC. NO. 96-00930, IF ENFORCEABLE
Prop. Identification #:	07065-0105
Entire legal prop. (y/n):	Yes
UTM Coordinates:	NAD83 17-597800-4797600
Latitude & Longitude:	43.32488340N 79.79375360W (converted from UTM)
Accuracy Estimate:	11 to 20 meters
Measurement Method:	Interpolation from a map
CPU Issued Sect 1686:	No

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
11	1 of 1	S/105.9	84.0	**987032 Ontario Inc.** **2078 Pine Street, Burlington, Ontario** **Burlington ON L7R 1G2**	RSC

Date Submitted:	29-Sep-05
Date Acknowledg.:	
Date Returned:	
Certification Date:	19-Aug-05
Soil Type:	
Restoration Type:	
Registration #:	2193
Stratified (Y/N):	
Criteria:	
Consultant:	
District Office:	BURLINGTON
Intended Prop Use:	Residential
Current Property Use:	Residential
Certificate Prop Use #:	No CPU
Applicable Standards:	ESA Phase 1
Legal Description:	PT LT 1 BLK P, COMPLIED PLAN PL92, PT LT 2 BLK P, COMPLIED PLAN PL92, PT LT 3 BLK P, COMPLIED PLAN PL92,, AS IN 503528, EXCEPT PT4 20R6031; BURLINGTON
Prop. Identification #:	07065-0051
Entire legal prop. (y/n):	Yes
UTM Coordinates:	NAD83 17-597750-4797600
Latitude & Longitude:	43.32488990N 79.79437010W (converted from UTM)
Accuracy Estimate:	11 to 20 meters
Measurement Method:	Interpolation from a map
CPU Issued Sect 1686:	No

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
12	1 of 1	N/127.1	86.0	**ON**	BORE

Borehole ID:	622283	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597805	**Northing:**	4798043
Location Accuracy:		**Orig. Ground Elev m:**	85.3
Elev. Reliability Note:		**DEM Ground Elev m:**	85.8
Total Depth m:	-999	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Completion Date:	NOV-1970	**Static Water Level:**	-999.9
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218425034	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	SOIL,SAND. BROWN,AGE POST-GLACIAL.
+			
Stratum ID:	218425035	**Top Depth(m):**	0.3
Bottom Depth(m):	1.8	**Stratum Desc:**	SILT,CLAY,SHALE. BROWN,DENSE,AGE GLACIAL.
+			
Stratum ID:	218425036	**Top Depth(m):**	1.8
Bottom Depth(m):	8.7	**Stratum Desc:**	SILT,CLAY,SHALE. BROWN,VERY DENSE,AGE GLACIAL.
+			
Stratum ID:	218425037	**Top Depth(m):**	8.7
Bottom Depth(m):		**Stratum Desc:**	REFUSAL OF ENTRY. 00010020000600300000006070

---

13 **1 of 1** **NNW/141.0** **85.5** **GEN**

Gabe Radakovic
439 Martha Street
Burlington ON L7R 2P6

Generator #:	ON5820783
Approval Yrs:	2009
SIC Code:	531310
SIC Description:	Real Estate Property Managers

--- Details ---

Waste Code:	221
Waste Description:	LIGHT FUELS

---

14 **1 of 1** **SSE/141.3** **82.5** **ON** **BORE**

Borehole ID:	624599	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597835	**Northing:**	4797783
Location Accuracy:		**Orig. Ground Elev m:**	82.3
Elev. Reliability Note:		**DEM Ground Elev m:**	82.1
Total Depth m:	3.3	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	AUG-1935	**Static Water Level:**	-999.9
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218434542	**Top Depth(m):**	0.0
Bottom Depth(m):	2.7	**Stratum Desc:**	UNSPECIFIED. AGE QUATERNARY.

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

+

Stratum ID: 218434543 **Top Depth(m):** 2.7

Bottom Depth(m): 3.3 **Stratum Desc:** TILL,SILT,SAND,CLAY.BROWN,GLACIAL,STIFF, AGE GLACIAL. 00090015

---

15 **1 of 1** **SSE/148.5** **81.8** **2069 Lakeshore Rd**
Burlington ON L7R1E2 **EHS**

Addit. Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos
Order No.: 20140121054
Report Date: 30-JAN-14
Report Type: Custom Report
Search Radius (km): .25

---

16 **1 of 2** **S/153.2** **84.0** **Thornwood Development Group Inc.**
399 Pearl St.
Burlington ON L7R 2M8 **GEN**

Generator #: ON1990367
Approval Yrs: 05
SIC Code: 236110
SIC Description: Residential Building Construction

--- Details ---
Waste Code: 221
Waste Description: LIGHT FUELS

---

16 **2 of 2** **S/153.2** **84.0** **987032 Ontario Inc.**
399 Pearl Street, Burlington, Ontario,
ON L7R 2M8 **RSC**

Date Submitted: 29-Sep-05
Date Acknowledg.:
Date Returned:
Certification Date: 19-Aug-05
Soil Type:
Restoration Type:
Registration #: 2195
Stratified (Y/N):
Criteria:
Consultant:
District Office: BURLINGTON
Intended Prop Use: Residential
Current Property Use: Residential
Certificate Prop Use #: No CPU
Applicable Standards: ESA Phase 1
Legal Description: PT LT 1 BLK P, COMPILED PLAN PL92, PT LT 2 BLK P, COMPILED PLAN PL92, AS IN 851035; BURLINGTON.
Prop. Identification #: 07065-0052
Entire legal prop. (y/n): Yes
UTM Coordinates: NAD83 17-597700-4797550
Latitude & Longitude: 43.32444630N 79.79499560W (converted from UTM)
Accuracy Estimate: 11 to 20 meters

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Measurement Method:		Interpolation from a map			
CPU Issued Sect 1686:		No			
17	1 of 1	SSE/153.4	82.5	**Aviva Medical Diagnostics & Specialist Clinic Inc** **2079 Lakeshore Rd.** **Burlington ON**	GEN
Generator #:		ON6600220			
Approval Yrs:		2013			
SIC Code:		621110			
SIC Description:		OFFICES OF PHYSICIANS			
--- Details ---					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
18	1 of 2	SSE/154.4	82.8	**Aviva Medical Diagnostics & Specialist Clinic Inc** **2079 Lakeshore Rd.** **Burlington ON**	GEN
Generator #:		ON6600220			
Approval Yrs:		As of May 2015			
SIC Code:					
SIC Description:					
--- Details ---					
Waste Code:		312			
Waste Description:		Pathological wastes			
18	2 of 2	SSE/154.4	82.8	**Aviva Medical Diagnostics & Specialist Clinic Inc** **2079 Lakeshore Rd.** **Burlington ON**	GEN
Generator #:		ON6600220			
Approval Yrs:		2012			
SIC Code:		621110			
SIC Description:		Offices of Physicians			
19	1 of 1	N/159.6	86.0	**Gabirel Radakovic** **437 Martha St** **Burlington ON L7R 2P6**	GEN
Generator #:		ON5694552			
Approval Yrs:		2011			
SIC Code:		562990			
SIC Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
20	1 of 1	SW/161.3	85.0	1121206 ONTARIO INC. 420 PEARL STREET BURLINGTON CITY ON L7R 2N1	CA

Certificate #:	8-3243-95-
Application Year:	95
Issue Date:	4/28/1995
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	COMMERCIAL KITCHEN EXHAUST SYSTEM
Contaminants:	Odour/Fumes
Emission Control:	No Controls

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
21	1 of 1	S/161.7	84.0	Mr. Stuart Scott 393 Pearl Street, Burlington, Ontario, ON L7R 2M8	RSC

Date Submitted:	26-Oct-05
Date Acknowledg.:	
Date Returned:	
Certification Date:	11-Oct-05
Soil Type:	
Restoration Type:	
Registration #:	2378
Stratified (Y/N):	
Criteria:	
Consultant:	
District Office:	BURLINGTON
Intended Prop Use:	Residential
Current Property Use:	Residential
Certificate Prop Use #:	No CPU
Applicable Standards:	ESA Phase 1
Legal Description:	Part Lot 2, Block P, Complied Plan PL92, Part Lot 3, Block P, Complied Plan PL92, as in 851036; Burlington.
Prop. Identification #:	07065-0053 [LT]
Entire legal prop. (y/n):	Yes
UTM Coordinates:	NAD83 17-597700-4797552 (converted from Latitude & Longitude)
Latitude & Longitude:	43.32446630N 79.79499560W
Accuracy Estimate:	11 to 20 meters
Measurement Method:	Interpolation from a map
CPU Issued Sect 1686:	No

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
22	1 of 1	SSW/165.8	84.0	Reichman Seniors Housing Development 392,398 Pearl Street Burlington ON L7R 2M9	GEN

Generator #:	ON7923094
Approval Yrs:	2009
SIC Code:	210250

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

SIC Description:

--- Details ---

Waste Code:	135
Waste Description:	REACTIVE ANION WASTES
+	
Waste Code:	145
Waste Description:	PAINT/PIGMENT/COATING RESIDUES
+	
Waste Code:	251
Waste Description:	OIL SKIMMINGS & SLUDGES
+	
Waste Code:	262
Waste Description:	DETERGENTS/SOAPS
+	
Waste Code:	331
Waste Description:	WASTE COMPRESSED GASES

23	***1 of 1***	***S/166.4***	***84.0***	***Mr. Stuart Scott*** ***389 Pearl Street, Burlington, Ontario*** ***Burlington ON L7R 2M8***	***RSC***

Date Submitted:	26-Oct-05
Date Acknowledg.:	
Date Returned:	
Certification Date:	11-Oct-05
Soil Type:	
Restoration Type:	
Registration #:	2375
Stratified (Y/N):	
Criteria:	
Consultant:	
District Office:	BURLINGTON
Intended Prop Use:	Residential
Current Property Use:	Residential
Certificate Prop Use #:	No CPU
Applicable Standards:	ESA Phase 1
Legal Description:	Lot 4, Block P, Compiled Plan PL92; Burlington
Prop. Identification #:	07065-0054 [LT]
Entire legal prop. (y/n):	Yes
UTM Coordinates:	NAD83 17-597700-4797550 (converted from Latitude & Longitude)
Latitude & Longitude:	43.32444630N 79.79499560W
Accuracy Estimate:	11 to 20 meters
Measurement Method:	Interpolation from a map
CPU Issued Sect 1686:	No

24	***1 of 1***	***W/172.9***	***83.1***	***2075 and 2079 James St*** ***Burlington ON***	***EHS***

Addit. Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Topographic Maps
Order No.:	20110808018
Report Date:	8/17/2011
Report Type:	Custom Report
Search Radius (km):	0.3

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	1 of 1	SE/173.8	80.0	Wilderness Group<UNOFFICIAL> APPROXIMATELY 2093 LAKESHORE BLVE, BURLINGTON<UNOFFICIAL> Burlington ON	SPL

Ref NO:	1200-6PRR2L
Contaminant Code:	15
Contaminant Name:	HYDRAULIC OIL
Contaminant Quantity:	20 L
Incident Cause:	Pipe Or Hose Leak
Incident Dt:	5/13/2006
Incident Reason:	
Incident Summary:	Wilderness Group: ~20 L hydraulic oil to pavement & grass
MOE Reported Dt:	5/13/2006
Environmental Impact:	Possible
Nature of Impact:	Soil Contamination
Receiving Medium:	Land
SAC Action Class:	
Sector Source Type:	Other
Site Municipality:	Burlington

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
26	1 of 1	SSW/178.6	84.0	Pearl & Pine St. Facility Inc. 398 PEARL ST, BURLINGTON, ON, L7R 2M9 BURLINGTON ON L7R 2M9	RSC

Date Submitted:	19-Aug-08
Date Acknowledg.:	
Date Returned:	
Certification Date:	20-Aug-07
Soil Type:	
Restoration Type:	
Registration #:	45459
Stratified (Y/N):	
Criteria:	
Consultant:	
District Office:	BURLINGTON
Intended Prop Use:	Residential
Current Property Use:	Commercial
Certificate Prop Use #:	No CPU
Applicable Standards:	Full Depth Site Conditions Standard, with Potable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use
Legal Description:	LT 11 BLK O , Compiled Plan PL92 ; LT 12 BLK O , Compiled Plan PL92 , EXCEPT PT 2 20R5331 ; BURLINGTON
Prop. Identification #:	07065 - 0014 LT
Entire legal prop. (y/n):	Yes
UTM Coordinates:	NAD83 17-597727-4797743
Latitude & Longitude:	43.32618030N 79.79462830W (converted from UTM)
Accuracy Estimate:	11 to 20 meters
Measurement Method:	Interpolation from a map
CPU Issued Sect 1686:	No

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
27	1 of 1	ESE/181.7	78.9	Sun Mechanical 2121 Lakeshore Road Burlington ON	GEN

Generator #: ON8629510
Approval Yrs: 2012
SIC Code: 238220
SIC Description: Plumbing Heating and Air-Conditioning Contractors

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Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
28	1 of 1	S/182.5	83.2	Lakeshore Professional Arts Limited 2069 Lakeshore Rd. Suite 4 Burlington ON	GEN

Generator #: ON5796930
Approval Yrs: As of May 2015
SIC Code:
SIC Description:

--- Details ---
Waste Code: 312
Waste Description: Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
29	1 of 1	W/189.6	84.2	INTERSECTION OF JAMES AND PEARL ST <UNOFFICIAL> Burlington ON	SPL

Ref NO: 4322-5ZHS6J
Contaminant Code: 12
Contaminant Name: GASOLINE
Contaminant Quantity: 76 L
Incident Cause: Other Discharges
Incident Dt: 5/31/2004
Incident Reason: Unknown - Reason not determined
Incident Summary: Burlington-20 gal of gasoline to storm sewer.
MOE Reported Dt: 5/31/2004
Environmental Impact: Possible
Nature of Impact:
Receiving Medium: Water
SAC Action Class: Spill to Highway (Accident)
Sector Source Type: Other Motor Vehicle
Site Municipality: Burlington

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
30	1 of 1	SSW/192.0	84.0	VILLAGE SQUARE (BURLINGTON) 2049 PINE ST., UNITS 17 & 18 BURLINGTON ON L7R 1E9	CA

Certificate #: 8-3211-98-
Application Year: 98
Issue Date: 6/1/1998
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Client Address:
Client City:
Client Postal Code:
Project Description: COMMERCIAL KITCHEN EXHAUST EQUIPMENT
Contaminants: Odour/Fumes
Emission Control: Panel Filter

---

31 **1 of 1** **NW/194.3** **86.0** **LABOK HOLDINGS (LEN KOVIC) TOWNHOUSES PRIVATE-MARTHA STREET- NEW ST. BURLINGTON CITY ON** **CA**

Certificate #: 3-0400-88-
Application Year: 88
Issue Date: 4/12/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

32 **1 of 1** **S/195.4** **84.0** **ON** **BORE**

Borehole ID: 624868
Use: Geotechnical/Geological Investigation
Drill Method: Power auger
Easting: 597765
Location Accuracy:
Elev. Reliability Note:
Total Depth m: 4.2
Township:
Lot:
Completion Date: AUG-1965
Primary Water Use: Not Used
Type: Borehole
Status:
UTM Zone: 17
Northing: 4797723
Orig. Ground Elev m: 81.1
DEM Ground Elev m: 81.6
Primary Name:
Concession:
Municipality:
Static Water Level: -999.9
Sec. Water Use:

--- Details ---

Stratum ID: 218435730
Bottom Depth(m): 3.1
Top Depth(m): 0.0
Stratum Desc: UNSPECIFIED. AGE QUATERNARY.

+

Stratum ID: 218435731
Bottom Depth(m): 4.0
Top Depth(m): 3.1
Stratum Desc: CLAY,SILT. GREEN,SOFT,AGE GLACIAL.

+

Stratum ID: 218435732
Top Depth(m): 4.0

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Bottom Depth(m): 4.2 **Stratum Desc:** TILL,CLAY,SAND, GRAVEL. BROWN,GLACIAL,VERY SOFT, AGE GLACIAL. 0010300400130025

---

33 **1 of 2** **SW/197.7** **84.2** **2037 Pine Street Burlington ON** **EHS**

Addit. Info Ordered:
Order No.: 20130603003
Report Date: 11-JUN-13
Report Type: Custom Report
Search Radius (km): .25

---

33 **2 of 2** **SW/197.7** **84.3** **415 Elizabeth St Burlington ON L7R 2L8** **EHS**

Addit. Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; Aerial Photos
Order No.: 20121203001
Report Date: 11-DEC-12
Report Type: Standard Report
Search Radius (km): .25

---

34 **1 of 1** **S/202.3** **84.0** **390 Pearl Street Burlington ON** **EHS**

Addit. Info Ordered:
Order No.: 20110505007
Report Date: 5/10/2011
Report Type: Standard Select Report
Search Radius (km): 0.25

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35 **1 of 1** **NE/206.4** **84.4** **The Regional Municipality of Halton Harris Crescent & Torrance Street Harris Crescent & Torrance Street Burlington ON** **ECA**

Record Type:
PDF URL:
CofA Number: 0467-8TANEB
Date: 4/20/2012
Status: Approved
Project Type: Municipal and Private Sewage

---

36 **1 of 1** **ESE/212.1** **77.7** **ON** **BORE**

Borehole ID: 621665 **Type:** Borehole
Use: Geotechnical/Geological Investigation **Status:**
Drill Method: Power auger **UTM Zone:** 17
Easting: 597995 **Northing:** 4797863

Location Accuracy:		**Orig. Ground Elev m:**	80.8
Elev. Reliability Note:		**DEM Ground Elev m:**	78.2
Total Depth m:	7.7	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	NOV-1970	**Static Water Level:**	-999.9
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218421907	**Top Depth(m):**	0.0
Bottom Depth(m):	0.6	**Stratum Desc:**	SOIL,SAND. BROWN,SURFACE, AGE POST-GLACIAL.
+			
Stratum ID:	218421908	**Top Depth(m):**	0.6
Bottom Depth(m):	3.0	**Stratum Desc:**	SILT,SAND,CLAY. BROWN,VERY DENSE,AGE GLACIAL.
+			
Stratum ID:	218421909	**Top Depth(m):**	3.0
Bottom Depth(m):	7.7	**Stratum Desc:**	SILT,CLAY,SHALE. BROWN,HARD,LAMINATED, AGE GLACIAL. 000200830010042000040

---

37 **1 of 1** **S/215.3** **84.0** **ON** **BORE**

Borehole ID:	624867	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597765	**Northing:**	4797703
Location Accuracy:		**Orig. Ground Elev m:**	80.5
Elev. Reliability Note:		**DEM Ground Elev m:**	81.2
Total Depth m:	3.3	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	AUG-1965	**Static Water Level:**	-999.9
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218435728	**Top Depth(m):**	0.0
Bottom Depth(m):	2.7	**Stratum Desc:**	UNSPECIFIED. AGE QUATERNARY.
+			
Stratum ID:	218435729	**Top Depth(m):**	2.7
Bottom Depth(m):	3.3	**Stratum Desc:**	TILL,SILT,SAND,CLAY.BROWN,GLACIAL,VERY SOFT, AGE GLACIAL. 00090015

---

38 **1 of 1** **E/217.8** **80.9** **GWL Realty Advisors Inc.** **360 Torrance St Torrance Terrace Apartments** **CA**

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
				Burlington ON	

Certificate #: 4977-7K9LB5
Application Year: 2008
Issue Date: 10/9/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

39 **1 of 1** **SSW/226.6** **83.7** **ON** **BORE**

Borehole ID: 622393
Use: Geotechnical/Geological Investigation
Drill Method: Power auger
Easting: 597715
Location Accuracy:
Elev. Reliability Note:
Total Depth m: 4.6
Township:
Lot:
Completion Date: SEP-1970
Primary Water Use: Not Used
Type: Borehole
Status:
UTM Zone: 17
Northing: 4797703
Orig. Ground Elev m: 83.8
DEM Ground Elev m: 82.2
Primary Name:
Concession:
Municipality:
Static Water Level: -999.9
Sec. Water Use:

--- Details ---

Stratum ID: 218425412
Bottom Depth(m): 2.4
Top Depth(m): 0.0
Stratum Desc: FILL,SILT,SAND, ORGANIC. MAN-MADE,COMPACT,UNIFORM, AGE POST-GLACIAL.

+

Stratum ID: 218425413
Bottom Depth(m): 4.6
Top Depth(m): 2.4
Stratum Desc: TILL,SILT. BROWN,GLACIAL,VERY DENSE, UNIFORM,AGE GLACIAL.

+

Stratum ID: 218425414
Bottom Depth(m): 4.6
Top Depth(m): 4.6
Stratum Desc: BEDROCK,SHALE. AGE UNDIFFERENTIATED. 000000120008008500093

---

40 **1 of 1** **SSW/230.0** **83.2** **ON** **BORE**

Borehole ID: 622392
Use: Geotechnical/Geological Investigation
Type: Borehole
Status:

Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597705	**Northing:**	4797703
Location Accuracy:		**Orig. Ground Elev m:**	83.8
Elev. Reliability Note:		**DEM Ground Elev m:**	82.4
Total Depth m:	4.6	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	SEP-1970	**Static Water Level:**	-999.9
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218425409	**Top Depth(m):**	0.0
Bottom Depth(m):	2.1	**Stratum Desc:**	FILL,SAND,SILT, ORGANIC. MAN-MADE,COMPACT,UNIFORM, AGE POST-GLACIAL.
+			
Stratum ID:	218425410	**Top Depth(m):**	2.1
Bottom Depth(m):	4.6	**Stratum Desc:**	TILL,SILT. BROWN,GLACIAL,VERY DENSE, UNIFORM,AGE GLACIAL.
+			
Stratum ID:	218425411	**Top Depth(m):**	4.6
Bottom Depth(m):	4.6	**Stratum Desc:**	BEDROCK,SHALE. AGE UNDIFFERENTIATED. 000000120007016400125

---

41 **1 of 1** **SSE/230.6** **80.3** **WWIS**

BURLINGTON ON

Well ID:	2810677	**Lot:**	
Concession:		**Concession Name:**	
County:	HALTON	**Municipality:**	BURLINGTON CITY
Easting Nad83:	597910	**Northing Nad83:**	4797720
Zone:	17	**Utm Reliability:**	margin of error : 10 - 30 m
Primary Water Use:	Not Used	**Construction Date:**	25-MAY-06
Sec. Water Use:		**Well Depth:**	6 m
Pump Rate:		**Static Water Level:**	
Flow Rate:		**Clear/Cloudy:**	
Specific Capacity:		**Final Well Status:**	Observation Wells
Construction Method:	Boring	**Flowing (y/n):**	
Elevation (m):	80.89	**Elevation Reliability:**	
Depth to Bedrock:	0	**Overburden/Bedrock:**	Mixed in a Layer
Water Type:	FRESH	**Casing Material:**	Not stated

--- Details ---

Thickness:	1.5 m	**Original Depth:**	1.5 m
Material Colour:	BROWN	**Material:**	SAND, SILTY, SHALE
+			
Thickness:	4.5 m	**Original Depth:**	6 m
Material Colour:	RED	**Material:**	SHALE

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
42	1 of 1	SW/231.5	84.0	ON	INC

Incident ID:
Incident Number: 1256122
SR Type: FS-Perform L1 Incident Insp
Status Code:
Summary: 2037 PINE ST, BURLINGTON - VAPOUR RELEASE
Drainage System:
Sub Surface Contam.:
Aff. Prop. Use Water:
Contam. Migrated:
Contact Natural Env.:
Near Body of Water:
Approx. Quant. Rel.:
Equipment Model:
Serial No:
Residential App. Type:
Commercial App. Type:
Industrial App. Type:
Institutional App. Type:
Venting Type:
Vent Connector Mater.:
Vent Chimney Mater.:
Notes:
Pipeline Type:
Pipeline Involved:
Pipe Material:
Depth Ground Cover:
Regulator Location:
Regulator Type:
Operation Pressure:
Pipeline Notes:
Liquid Prop Make:
Liquid Prop Model:
Liquid Prop Serial No:
Equipment Type:
Cylinder Capacity:
Cylinder Capac. Units:
Cylinder Material Type:
Tank Capacity:
Tank Material Type:
Tank Storage Type:
Tank Location Type:
Pump Flow Rate Capac.:
Liquid Prop Notes:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
43	1 of 1	NW/232.2	86.0	ON	INC

Incident ID:
Incident Number: 1022536
SR Type: FS-Perform L1 Incident Insp

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Status Code:					
Summary:				2109 NEW STREET, BURLINGTON - CO RELEASE	
Drainage System:					
Sub Surface Contam.:					
Aff. Prop. Use Water:					
Contam. Migrated:					
Contact Natural Env.:					
Near Body of Water:					
Approx. Quant. Rel.:					
Equipment Model:					
Serial No:					
Residential App. Type:					
Commercial App. Type:					
Industrial App. Type:					
Institutional App. Type:					
Venting Type:					
Vent Connector Mater.:					
Vent Chimney Mater.:					
Notes:					
Pipeline Type:					
Pipeline Involved:					
Pipe Material:					
Depth Ground Cover:					
Regulator Location:					
Regulator Type:					
Operation Pressure:					
Pipeline Notes:					
Liquid Prop Make:					
Liquid Prop Model:					
Liquid Prop Serial No:					
Equipment Type:					
Cylinder Capacity:					
Cylinder Capac. Units:					
Cylinder Material Type:					
Tank Capacity:					
Tank Material Type:					
Tank Storage Type:					
Tank Location Type:					
Pump Flow Rate Capac.:					
Liquid Prop Notes:					
44	***1 of 1***	***S/232.3***	***83.0***	***The Corporation of the City of Burlington 2080 Lakeshore Road, Burlington ON***	***RSC***
Date Submitted:				2013-10-15	
Date Acknowledg.:					
Date Returned:					
Certification Date:					
Soil Type:					
Restoration Type:					
Registration #:				210472	
Stratified (Y/N):					
Criteria:					
Consultant:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

District Office: Burlington
Intended Prop Use: Residential
Current Property Use:
Certificate Prop Use #:
Applicable Standards:
Legal Description:
Prop. Identification #:
Entire legal prop. (y/n):
UTM Coordinates:
Latitude & Longitude:
Accuracy Estimate:
Measurement Method:
CPU Issued Sect 1686:

---

45 **1 of 2** **SW/232.9** **84.3** **ON** **BORE**

Borehole ID: 622677
Use: Geotechnical/Geological Investigation
Drill Method: Power auger
Easting: 597635
Location Accuracy:
Elev. Reliability Note:
Total Depth m: 4.7
Township:
Lot:
Completion Date: FEB-1967
Primary Water Use: Not Used
Type: Borehole
Status:
UTM Zone: 17
Northing: 4797743
Orig. Ground Elev m: 88.4
DEM Ground Elev m: 84.1
Primary Name:
Concession:
Municipality:
Static Water Level: -999.9
Sec. Water Use:

--- Details ---

Stratum ID: 218426652
Bottom Depth(m): 3.4
Top Depth(m): 0.0
Stratum Desc: SILT,CLAY,SAND MEDIUM. BROWN,VERY HARD,UNIFORM, AGE GLACIAL.

+

Stratum ID: 218426653
Bottom Depth(m): 4.7
Top Depth(m): 3.4
Stratum Desc: SILT,CLAY,GRAVEL. GREEN,VERY HARD,UNIFORM, AGE GLACIAL. 012 012 0000010200110

---

45 **2 of 2** **SW/232.9** **84.3** **BURLINGTON ON** **WWIS**

Well ID: 2810067
Concession:
County: HALTON
Easting Nad83: 597635
Zone: 17
Primary Water Use:
Sec. Water Use:
Pump Rate:
Flow Rate:
Lot:
Concession Name: BB
Municipality: BURLINGTON CITY
Northing Nad83: 4797742
Utm Reliability: margin of error : 10 - 30 m
Construction Date: 08-OCT-04
Well Depth: 6 m
Static Water Level:
Clear/Cloudy:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Specific Capacity:		**Final Well Status:**	Observation Wells
Construction Method:	Boring	**Flowing (y/n):**	
Elevation (m):	84.11	**Elevation Reliability:**	
Depth to Bedrock:	13	**Overburden/Bedrock:**	Bedrock
Water Type:		**Casing Material:**	Not stated

--- Details ---

Thickness:	.9 m	**Original Depth:**	.9 m
Material Colour:	BROWN	**Material:**	SAND, SILT
+			
Thickness:	3.1 m	**Original Depth:**	4 m
Material Colour:	GREY	**Material:**	CLAY, SILT
+			
Thickness:	2 m	**Original Depth:**	6 m
Material Colour:	RED	**Material:**	SHALE

---

46 **1 of 1** **SSW/236.0** **83.4** **ON** **BORE**

Borehole ID:	622391	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597715	**Northing:**	4797693
Location Accuracy:		**Orig. Ground Elev m:**	83.8
Elev. Reliability Note:		**DEM Ground Elev m:**	82.1
Total Depth m:	-999	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	SEP-1970	**Static Water Level:**	-999.9
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218425406	**Top Depth(m):**	0.0
Bottom Depth(m):	2.7	**Stratum Desc:**	FILL,SILT,CLAY, CONCRETE. MAN-MADE,VERY LOOSE, AGE POST-GLACIAL.
+			
Stratum ID:	218425407	**Top Depth(m):**	2.7
Bottom Depth(m):	4.4	**Stratum Desc:**	TILL,SILT. BROWN,GLACIAL,VERY DENSE, UNIFORM,AGE GLACIAL.
+			
Stratum ID:	218425408	**Top Depth(m):**	4.4
Bottom Depth(m):		**Stratum Desc:**	REFUSAL OF ENTRY. 0000000100090105001 05E

---

47 **1 of 1** **SE/237.9** **79.7** **2101 Old Lakeshore Road Burlington ON L7R 1A4** **EHS**

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Addit. Info Ordered:					
Order No.:		20120910002			
Report Date:		14-SEP-12			
Report Type:		Custom Report			
Search Radius (km):		.25			

48	1 of 1	S/238.1	83.0	**Bridgewater Lakeshore Developer Inc.** **2042, 2048 and 2054/2058 Lakeshore Road, Burlington** **ON**	RSC

Date Submitted:	2013-10-16
Date Acknowledg.:	
Date Returned:	
Certification Date:	
Soil Type:	
Restoration Type:	
Registration #:	210368
Stratified (Y/N):	
Criteria:	
Consultant:	
District Office:	Burlington
Intended Prop Use:	Residential
Current Property Use:	
Certificate Prop Use #:	
Applicable Standards:	
Legal Description:	
Prop. Identification #:	
Entire legal prop. (y/n):	
UTM Coordinates:	
Latitude & Longitude:	
Accuracy Estimate:	
Measurement Method:	
CPU Issued Sect 1686:	

49	1 of 1	SW/244.5	84.0	**ESPRESSO BAR, ROASTERY & DESSERT HOUSE L** **413 ELIZABETH STREET** **BURLINGTON ON L7R 2L8**	CA

Certificate #:	8-3173-98-98
Application Year:	
Issue Date:	4/21/1998
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	COMMERCIAL KITCHEN EXHAUST HOOD
Contaminants:	Odour/Fumes
Emission Control:	Mist Eliminator,

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
50	1 of 1	S/249.3	82.9	Burlington ON	WWIS

Well ID:	7147293	**Lot:**	
Concession:		**Concession Name:**	
County:	HALTON	**Municipality:**	BURLINGTON CITY
Easting Nad83:	597820	**Northing Nad83:**	4797669
Zone:	17	**Utm Reliability:**	margin of error : 30 m - 100 m
Primary Water Use:	Monitoring	**Construction Date:**	02-MAY-10
Sec. Water Use:		**Well Depth:**	19.3 m
Pump Rate:		**Static Water Level:**	
Flow Rate:		**Clear/Cloudy:**	
Specific Capacity:		**Final Well Status:**	Test Hole
Construction Method:	Diamond	**Flowing (y/n):**	
Elevation (m):	81.48	**Elevation Reliability:**	
Depth to Bedrock:		**Overburden/Bedrock:**	
Water Type:		**Casing Material:**	Not stated

--- Details ---

Thickness:	2 m	**Original Depth:**	2 m
Material Colour:	BROWN	**Material:**	FILL, , SOFT
+			
Thickness:	1 m	**Original Depth:**	3 m
Material Colour:	BROWN	**Material:**	SAND, LOOSE
+			
Thickness:	16.3 m	**Original Depth:**	19.3 m
Material Colour:	BROWN	**Material:**	SHALE, , LAYERED

Unplottable Summary

Total: 21 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	632656 ONTARIO LTD. ROSELAND FOREST T/H	LOT 14 OFF NEW STREET	BURLINGTON CITY ON	
CA	The Regional Municipality of Halton	Lakeshore Road	Burlington ON	
CA		Lakeshore Road	Burlington ON	
CA	BURLINGTON CITY	LAKESHORE RD.	BURLINGTON CITY ON	
CA	R.M. OF HALTON	LAKESHORE RD.	BURLINGTON CITY ON	
CA	BURLINGTON CITY	LAKESHORE RD.	BURLINGTON CITY ON	
CA	LABOK HOLDINGS	NEW ST.	BURLINGTON CITY ON	
CA	LABOK HOLDINGS	NEW STREET	BURLINGTON CITY ON	
CA	QUINN HOMES PINELAND PRESBYTERIAN CHURCH	NEW STREET STREET A	BURLINGTON CITY ON	
CA	The Regional Municipality of Halton	New St	Burlington ON	
CA	QUINN HOMES PINELAND PRESBYTERIAN CHURCH	S. OF NEW STREET STREET A	BURLINGTON CITY ON	
CA	LABOK DEVELOPMENT CORPORATION	SOUTH SIDE OF NEW ST.	BURLINGTON CITY ON	
CA	The Corporation of the City of Burlington	From Lakeshore Road to New St	Burlington ON	
CA	The Regional Municipality of Halton	From Lakeshore Road to New St	Burlington ON	
SPL	To be determined<UNOFFICIAL>	cb and Old Lakeshore Rd<UNOFFICIAL>	Burlington ON	

SPL		ROSELAND CREEK, SOUTH OF NEW STREET<UNOFFICIAL>	Burlington ON
SPL	Unknown<UNOFFICIAL>	New Street, east of Walker's Line	Burlington ON
SPL	Fortino's Grocery Store<UNOFFICIAL>	New St	Burlington ON
SPL	Fortinos Supermarket Limited (Main Office)	New Street	Burlington ON
SPL		New Street (behind arena)	Burlington ON
SPL		NELSON CREEK AT NEW STREET<UNOFFICIAL>	Burlington ON

Unplottable Report

Site: ***632656 ONTARIO LTD. ROSELAND FOREST T/H***
LOT 14 OFF NEW STREET BURLINGTON CITY ON

Database: ***CA***

Certificate #:	7-0069-86-
Application Year:	86
Issue Date:	2/14/1986
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***The Regional Municipality of Halton***
Lakeshore Road Burlington ON

Database: ***CA***

Certificate #:	2034-64ZPCP
Application Year:	2004
Issue Date:	9/22/2004
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
Lakeshore Road Burlington ON

Database: ***CA***

Certificate #:	3366-56PGG2
Application Year:	02
Issue Date:	1/28/02
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	The Corporation of the Regional Municipality of Halton
Client Address:	1151 Bronte Road
Client City:	Oakville
Client Postal Code:	L6M 3L1
Project Description:	This application is for approval to install watermain on Lakeshore Road

Contaminants:
Emission Control:

Site: ***BURLINGTON CITY***
LAKESHORE RD. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-0463-87-
Application Year: 87
Issue Date: 4/15/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF HALTON***
LAKESHORE RD. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-0215-87-
Application Year: 87
Issue Date: 3/24/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***BURLINGTON CITY***
LAKESHORE RD. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-0826-89-
Application Year: 89
Issue Date: 5/16/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LABOK HOLDINGS***
NEW ST. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-1339-88-
Application Year: 88
Issue Date: 2/26/1990
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LABOK HOLDINGS***
NEW STREET BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-1155-88-
Application Year: 88
Issue Date: 2/26/1990
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***QUINN HOMES PINELAND PRESBYTERIAN CHURCH***
NEW STREET STREET A BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-0478-88-
Application Year: 88
Issue Date: 6/28/1988
Approval Type: Municipal water
Status: Revised
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Regional Municipality of Halton***
New St Burlington ON

Database: ***CA***

Certificate #: 9573-7D5HEB
Application Year: 2008
Issue Date: 3/28/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***QUINN HOMES PINELAND PRESBYTERIAN CHURCH***
S. OF NEW STREET STREET A BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-0538-88-
Application Year: 88
Issue Date: 6/29/1988
Approval Type: Municipal sewage
Status: Revised
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LABOK DEVELOPMENT CORPORATION***
SOUTH SIDE OF NEW ST. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-0088-89-
Application Year: 89
Issue Date: 1/27/1989
Approval Type: Municipal water
Status: Approved in 1989
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Corporation of the City of Burlington***
From Lakeshore Road to New St Burlington ON

Database: ***CA***

Certificate #: 3187-88PGYP
Application Year: 2010
Issue Date: 9/2/2010
Approval Type: Municipal and Private Sewage Works

Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Regional Municipality of Halton***
From Lakeshore Road to New St Burlington ON

Database: ***CA***

Certificate #: 7846-837RG9
Application Year: 2010
Issue Date: 3/3/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***To be determined<UNOFFICIAL>***
cb and Old Lakeshore Rd<UNOFFICIAL> Burlington ON

Database: ***SPL***

Ref NO: 0357-6Z6QP2
Contaminant Code: 15
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Quantity: 0 other - see incident description
Incident Cause: Unknown
Incident Dt:
Incident Reason: Unknown - Reason not determined
Incident Summary: ukn src: sheen flowing down road and into cb.
MOE Reported Dt: 3/10/2007
Environmental Impact: Confirmed
Nature of Impact: Surface Water Pollution
Receiving Medium: Water
SAC Action Class:
Sector Source Type: Other Motor Vehicle
Site Municipality: Burlington

Site:
ROSELAND CREEK, SOUTH OF NEW STREET<UNOFFICIAL> Burlington ON

Database: ***SPL***

Ref NO: 0683-6LFTNH
Contaminant Code: 15
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Quantity: Not Specific Unknown
Incident Cause: Unknown
Incident Dt: 1/27/2006

Incident Reason:	Unknown - Reason not determined
Incident Summary:	Oily sheen in Roseland Creek.
MOE Reported Dt:	1/27/2006
Environmental Impact:	Possible
Nature of Impact:	Surface Water Pollution
Receiving Medium:	Water
SAC Action Class:	
Sector Source Type:	Other
Site Municipality:	Burlington

Site: ***Unknown<UNOFFICIAL>***
New Street, east of Walker's Line Burlington ON

Database: ***SPL***

Ref NO:	3735-7RTJKF
Contaminant Code:	
Contaminant Name:	HYDROCARBON LIGHT
Contaminant Quantity:	0 other - see incident description
Incident Cause:	Discharge Or Bypass To A Watercourse
Incident Dt:	
Incident Reason:	Unknown - Reason not determined
Incident Summary:	Nelson Park, light hydrocarbon sheen in Shoreacres Creek
MOE Reported Dt:	5/7/2009
Environmental Impact:	Not Anticipated
Nature of Impact:	Surface Water Pollution
Receiving Medium:	
SAC Action Class:	Watercourse Spills
Sector Source Type:	Unknown
Site Municipality:	Burlington

Site: ***Fortino's Grocery Store<UNOFFICIAL>***
New St Burlington ON

Database: ***SPL***

Ref NO:	3867-6HLKUP
Contaminant Code:	
Contaminant Name:	FREON R-22 (CFC)
Contaminant Quantity:	
Incident Cause:	Discharge or Emission to Air
Incident Dt:	10/28/2005
Incident Reason:	Equipment Failure
Incident Summary:	Fortino's: 116 kg R22 Freon to ATM
MOE Reported Dt:	10/28/2005
Environmental Impact:	Possible
Nature of Impact:	Air Pollution
Receiving Medium:	Air
SAC Action Class:	Air Spills - Gases and Vapours
Sector Source Type:	Other
Site Municipality:	Burlington

Site: ***Fortinos Supermarket Limited (Main Office)***
New Street Burlington ON

Database: ***SPL***

Ref NO:	5640-77NAKZ
Contaminant Code:	38
Contaminant Name:	FREON R-22 (CFC)
Contaminant Quantity:	290 kg

Incident Cause: Other Discharges
Incident Dt:
Incident Reason:
Incident Summary: Fortino's: 290 kg R22 release
MOE Reported Dt: 10/4/2007
Environmental Impact: Possible
Nature of Impact: Air Pollution
Receiving Medium: Air
SAC Action Class:
Sector Source Type: Other
Site Municipality: Burlington

Site:
New Street (behind arena) Burlington ON

Database: ***SPL***

Ref NO: 7183-7Y7MGF
Contaminant Code: 15
Contaminant Name: PETROLEUM OIL (N.O.S.)
Contaminant Quantity:
Incident Cause: Unknown
Incident Dt:
Incident Reason: Spill
Incident Summary: City of Burlington: oil sheen in Shoreacres Crk. contained.
MOE Reported Dt: 11/27/2009
Environmental Impact: Confirmed
Nature of Impact: Other Impact(s); Surface Water Pollution
Receiving Medium:
SAC Action Class: Watercourse Spills
Sector Source Type: Unknown
Site Municipality:

Site:
NELSON CREEK AT NEW STREET<UNOFFICIAL> Burlington ON

Database: ***SPL***

Ref NO: 2863-6Q5MMV
Contaminant Code: 46
Contaminant Name: FOAM
Contaminant Quantity: Not specified m3
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Dt: 5/25/2006
Incident Reason: Unknown - Reason not determined
Incident Summary: Ukn src: Foaming in Nelson Creek
MOE Reported Dt: 5/25/2006
Environmental Impact: Possible
Nature of Impact: Surface Water Pollution
Receiving Medium: Water
SAC Action Class:
Sector Source Type: Unknown
Site Municipality: Burlington

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Mar 2015

Abandoned Mine Information System: Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2014

Anderson's Waste Disposal Sites: Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 2001-Jul 2014

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2014

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks: Provincial CFOT

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Government Publication Date: 1948-Dec 2015

Chemical Register: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1992, 1999-Jul 2014

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Feb 2014

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994-Jan 2016

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886-Jun 2014

Environmental Activity and Sector Registry: Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Feb 29, 2016

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994-Jan 2016

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Feb 29, 2016

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Aug 2014

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance.

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities: Provincial EXP

This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Current to Nov 2015

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

Government Publication Date: June 2000-Oct 2015

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sept 2003

Fuel Storage Tank: Provincial FST

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Government Publication Date: 2010-Nov 2015

Fuel Storage Tank - Historic: Provincial FSTH

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-May 2015

Greehouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: Dec 31, 2013

TSSA Historic Incidents: Provincial HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: June 2009 - Nov 2015

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: 2012

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Apr 2013

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: 1994-2013

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Wells: Federal NEBW

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: Dec 31, 2014

Oil and Gas Wells: Private OGW

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-2015

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2015

Inventory of PCB Storage Sites: Provincial OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders: Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Jan 2016

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

The Ontario Ministry of Environment maintains a database of all manufacturers and vendors of registered pesticides.

Government Publication Date: 1988-Jun 2013

TSSA Pipeline Incidents: Provincial PINC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: Nov 30, 2015

Private and Retail Fuel Storage Tanks: Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Jan 2016

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-2013

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2016

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Jul 2014

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Jun 2015

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-2013

Anderson's Storage Tanks: Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Mar 2007

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

The TSSA, under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

Government Publication Date: Current to Nov 2015

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Feb 29, 2016

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: 1955-Mar 2014

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries". All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and were included as reference.

Appendix E:

Aerial Photographs

Aerial Photographs

1954/1955



1959



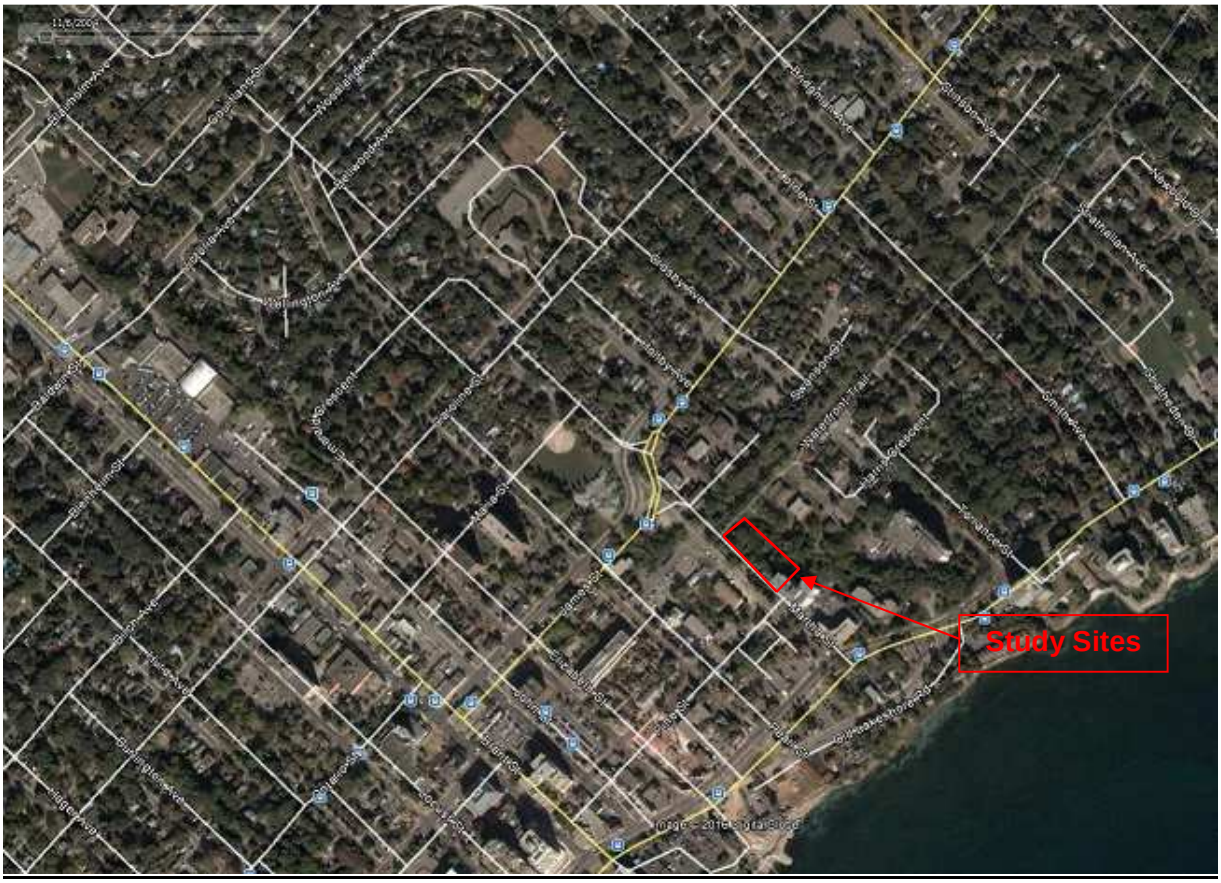
1978



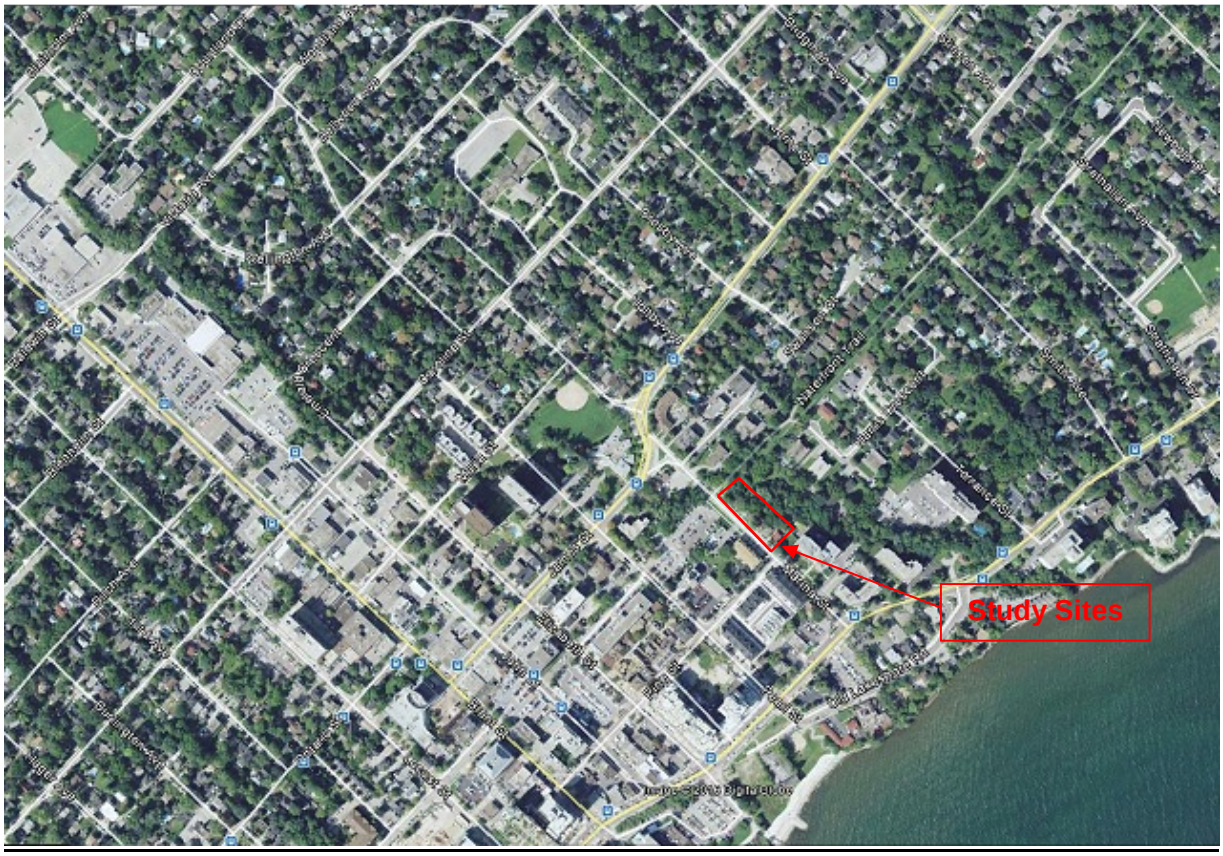
1989



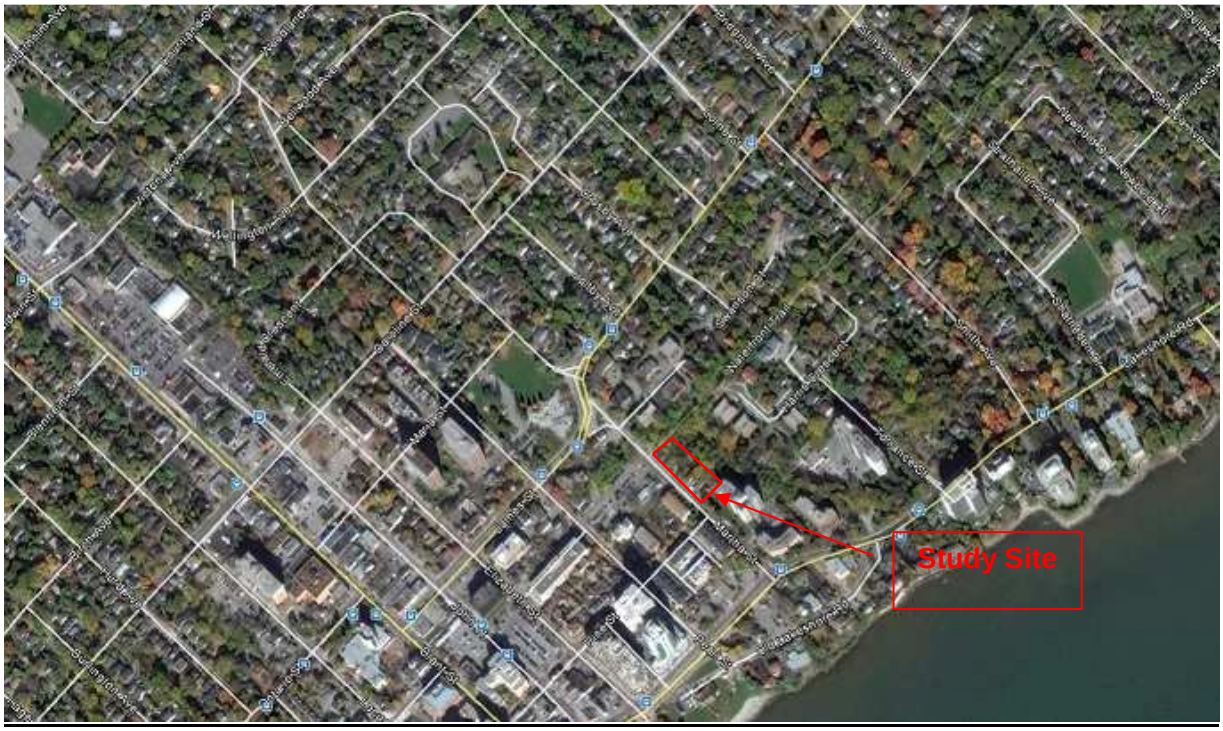
2004



2009



2014



Appendix F:

Site Photo Log

Photo #	Study Site – Exterior Photographs	Description
1		401 residential dwelling
2		405 residential dwelling

Photo #	Study Site – Exterior Photographs	Description
3		409 residential dwelling
4		411 residential dwelling

Photo #	Study Site – Exterior Photographs	Description
5		413 residential dwelling
6		417 residential dwelling

Photo #	Study Site – Exterior Photographs	Description
7		North adjacent Rambo Creek located behind residences
8		

Photo #	Study Site – Exterior Photographs	Description
9		South adjacent city parking lot
10		Adjacent residential properties looking east

Photo #	Study Site – Exterior Photographs	Description
11		Adjacent residential properties looking west, New Street beyond
12		Bike path on west adjacent side of 417 Martha Street

Photo #	Study Site – Exterior Photographs	Description
13		Bike path
14		Rear of yards looking east, picture taken from bike path

Photo #	Study Site – Exterior Photographs	Description
15		Backyards looking east
16		Rear yard of 411 and 409 Martha Street

Photo #	Study Site – Exterior Photographs	Description
17		Taken from backyard 411 Martha, looking at 413 and 417 Martha backyards
18		411 Martha Street- rear yard

Photo #	Study Site – Exterior Photographs	Description
19		Backyard of 411 Martha Street, looking south
20		Rear yard of 401 Martha Street residence

Photo #	417 Martha Street – interior	Description
21		Above Ground Storage Tank – heating oil located in basement on cement slab floor
22		AST nameplate

Photo #	417 Martha Street – interior	Description
23		Stucco wall, damaged from house pet

Appendix G:

Rambo Creek

Lower Rambo Creek - Burlington Lions Club (Burlington) map



An important section of Burlington's historic Rambo Creek is embarrassingly buried beneath the grounds and parking lot of the local Lions Club.



Rambo Creek flows in a tunnel below the parking lot and baseball diamond of the Burlington Lions Club.

Rambo Creek was an important landmark in the establishment of Burlington, the last lakefronting GTA suburb on the road west to Hamilton and Niagara Region. The mouth of the creek marked the south east corner of Brant's Block, a tract of land granted to Joseph Brant, a Mohawk military leader born in Ohio who allied with the British during the American Revolutionary War. Lots sold out of this grant by Brant and his estate opened the area to farming and to the development of Wellington Square, the central grain port not only for what became Halton County but for a time for Dundas and areas further inland as well. That centre of gravity is maintained today in downtown Burlington.

Despite the extensive hardening, burial and diversion of Rambo's upstream watershed, the mouth of the creek remains a picturesque and largely hidden place. Beneath stately willows, the creek's final run into the lake is covered in freshwater mollusc shells washed in from offshore shoals and picked over by gulls. There is even a little more than 400 m of shallow, tree-covered ravine upstream of the mouth, running behind 60-160 year old homes and post-war

apartment towers. But beyond this surviving fragment, the creek suffers through a series of completely unnecessary indignities in its run through Central Burlington (the northern portion of the creek, above Fairview Street, has been buried and then routed into a concrete channel that diverts the urban storm flow southwest to Indian Creek and Burlington Bay).

In a story we are much too familiar with here in the GTA, one section of the creek has been buried to accomodate the parking lot of a school and neighbouring Catholic church. The next section is intact, but damaged by the encroachment of the back parking and loading dock zone of the No Frills strip plaza on Brant Street between Baldwin and Caroline. Then a final indignity: the creek is routed underground again, this time to accommodate the Burlington Lions Club headquarters and its adjacent parking lot and baseball diamond.

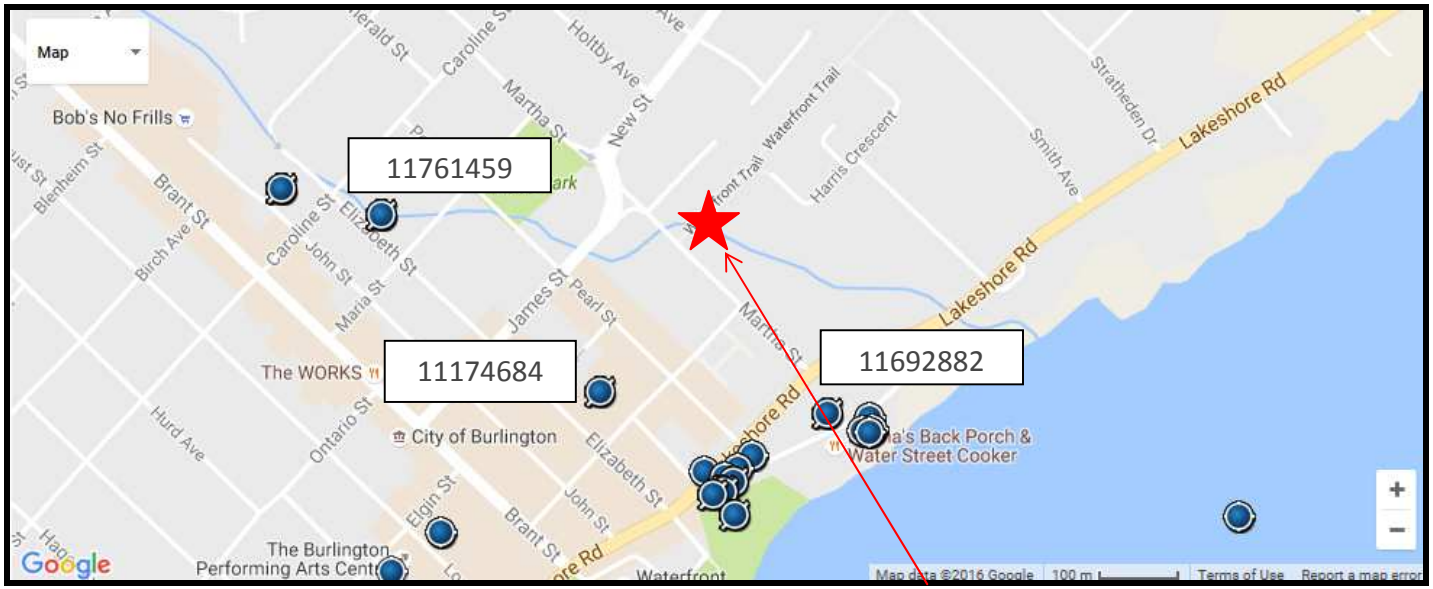
Having a creek in a pipe, below a park, with all the local and downstream consequences that that entails, is becoming increasingly indefensible in this day and age. I would suggest that the Burlington Lions Club's commitment to local and global community service should include restoring the function of the creek on whose banks they are headquartered.

http://www.vanishingpoint.ca/daylighting-creeks

Appendix H:

Ontario Oil, Gas & Salt Resources Library

Oil, Gas & Salt Resources Library



Property locations

Well Information

Borehole ID	11174684	**Well Status**	Observation Wells
First Use		**Second Use**	
Date Completed	2004-08-10	**Ground Elevation**	0.00
County	HALTON	**Township**	BURLINGTON CITY
conreg	BB	**conn**	
lot		**city**	BURLINGTON
street	380 BRANT ST.	**owner**	
Latitude	43.326174	**Longitude**	-79.795610

Water

Depth	Water Kind
0.00 m	

Stratigraphy

Top Depth	Bottom Depth	Colour	Material 1	Material 2	Material 3

0.00	0.90 m	BROWN	SAND	SILT
0.90	4.00 m	GREY	CLAY	SILT
4.00	6.00 m	RED	SHALE	

Casing

Top From	Bottom Depth	Diameter	Material
0.00	3.00 m	5.00 cm	PLASTIC

Screens

Top Depth	Bottom Depth	Diameter	Material
3.00	6.00 m	6.40 cm	5

Plugging

Plug Top Depth	Plug Bottom Depth
0.00	0.15 m
0.15	2.60 m

Well Information

Borehole ID	11761459	**Well Status**	Observation Wells
First Use		**Second Use**	
Date Completed	2006-10-26	**Ground Elevation**	0.00
County	HALTON	**Township**	BURLINGTON CITY
conreg		**conn**	
lot		**city**	BURLINGTON
street	507 ELIZABETH ST.	**owner**	
Latitude	43.328081	**Longitude**	-79.798841

Water

Depth	**Water Kind**
3.50 m	FRESH

Stratigraphy

Top Depth	**Bottom Depth**	**Colour**	**Material 1**	**Material 2**	**Material 3**

0.00	0.70 m	BROWN	CLAY	SILT	SAND
0.70	4.50 m	RED	SHALE		

Casing

Top From	Bottom Depth	Diameter	Material
0.00	3.00 m	1.90 cm	PLASTIC

Screens

Top Depth	Bottom Depth	Diameter	Material
3.00	4.50 m	2.70 cm	5

Plugging

Plug Top Depth	Plug Bottom Depth
0.00	2.70 m

Well Information

Borehole ID	11692882	**Well Status**	Observation Wells
First Use	Not Used	**Second Use**	
Date Completed	2006-05-25	**Ground Elevation**	0.00
County	HALTON	**Township**	BURLINGTON CITY
conreg		**conn**	
lot		**city**	BURLINGTON
street	2107 OLD LAKESHORE ROAD	**owner**	
Latitude	43.325940	**Longitude**	-79.792223

Water

Depth	**Water Kind**
4.50 m	FRESH

Stratigraphy

Top Depth	**Bottom Depth**	**Colour**	**Material 1**	**Material 2**	**Material 3**

0.00	1.50 m	BROWN	SAND	SILTY	SHALE
1.50	6.00 m	RED	SHALE		

Casing

Top From	Bottom Depth	Diameter	Material
0.00	3.00 m	1.90 cm	PLASTIC

Screens

Top Depth	Bottom Depth	Diameter	Material
3.00	6.00 m	2.70 cm	

Plugging

Plug Top Depth	Plug Bottom Depth
0.00	2.80 m