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Phase One Environmental Site Assessment

2085 Pine Street
City of Burlington, Ontario

Prepared for:

Pine Street Burlington Corp.
1039 Fourth Line
Milton, Ontario
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File: 18360

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1 EXECUTIVE SUMMARY

Landtek Limited (Landtek) is pleased to submit this Phase One Environmental Site Assessment (ESA) report for the property located at 2085 Pine Street, in Burlington, Ontario ("the Phase One Property" or "the Site"). The work was initiated following authorization to proceed from Mr. Nelson Reis of Pine Street Burlington Corp.
. in September of 2018 (the Client).

The Phase One ESA were to: (1) review historical land use/activities on the subject property and surrounding land to assess the potential for environmental liabilities; (2) carry out a site inspection of the Phase One Property to document existing conditions and identify areas of potential environmental concern, if any; and (3) assess the overall environmental status of the Phase One Property and the need, if any, to undertake a Phase Two ESA.

The Phase One ESA was completed in general accordance with the requirements of Ontario Regulation 153/04 (O. Reg. 153/04) (as amended). Sampling and chemical analysis of soil, groundwater, and/or other materials was not carried out as part of this Phase One ESA.

The current land-use for the Site is residential. The zoning of the area includes residential and commercial land-uses. The Site is to be utilized as residential land. Ontario Regulation 153/04 (O. Reg. 153/04) stipulates that for a change in land-use to a more sensitive use a Record of Site Condition (RSC) must be prepared, filled, and acknowledged by the Ministry of the Conservation and Parks (MECP) for the property. Although the Phase One Property is not changing to a more sensitive land-use, as per a request from the Region of Halton the report is to be prepared to meet the requirements of O. Reg. 153/04.

Information sources for the development of a Conceptual Site Model was gathered from numerous sources (i.e., aerial photographs, environmental database searches, physical setting sources, interviews, and a Site reconnaissance), which reduces the risk of not identifying either a current or former property use for a potential contaminating activity (PCA).

SITE DESCRIPTION

Based on historical information and the City of Burlington zoning and land use data, the Phase One Property and Phase One Study Area have historically been developed for a mixture of residential, institutional and commercial land-uses located approximately 250 m from the Site. The Phase One Study Area within a distance of 250 m radius from the Phase One Property is considered applicable for this Phase One ESA.

The Phase One Property is identified as 2085 Pine Street. The site is approximately rectangular in shape and is bound by Pine Street to the south. The site is approximately 936 m^2 (0.23 acres) and is legally described as Part of Lot 9 Block L, Compiled Plan PL92, Part Lot 10 Block L, Compiled Plan PL92, as in 569355, Except Part 1, 20R6031: Burlington. The site is currently residential use and is occupied by a two-storey dwelling, a small storage shed, and a garage.

SUMMARY OF FINDINGS

Historically the Phase One Property was residential and the Phase One Study Area was predominately residential and/or agricultural in nature. Based on a review of historical maps, aerial photographs and FIPs, the Site had been a vacant undeveloped and/or used for agricultural purposes from 1800s to the 1840s, with the existing structure present since 1847.

The surrounding properties were first developed in the 1870s.

The properties within the Phase One Study Area were visually inspected from public access ways to identify, locate and document potentially contaminating activities, water bodies, and areas of natural significance.

CONCLUSIONS

Based on the results of the Phase One ESA, no PCAs were identified that may have led to a APECs at the Site and therefore, no further work is required at the Site.

RECOMMENDATIONS

Based on the results of the Phase One ESA, no further assessment work is required for the Site.

2 INTRODUCTION

Landtek Limited (Landtek) is pleased to submit this Phase One Environmental Site Assessment (ESA) report for the property located at 2085 Pine Street, in Burlington, Ontario ("the Phase One Property" or "the Site"). The work was initiated following authorization to proceed from Mr. Nelson Reis of Pine Street Burlington Corp.
in September of 2018 (the Client).

The current land-use for the Site is residential. The zoning of the area includes residential and commercial land-uses. The Site is to be utilized as residential land. Ontario Regulation 153/04 (O. Reg. 153/04) stipulates that for a change in land-use to a more sensitive use a Record of Site Condition (RSC) must be prepared, filled, and acknowledged by the Ministry of the Environment Conservation and Parks (MECP) for the property. Although the Phase One Property is not changing to a more sensitive land-use, as per a request from the Region of Halton the report is to be prepared to meet the requirements of O. Reg. 153/04.

This Phase One ESA has been completed in general accordance with O. Reg. 153/04 (as amended). The purpose of the Phase One ESA was to assess if evidence of potential and/or actual environmental contamination exists at the Site as a result of current and/or past activities at the Site and/or neighbouring properties located within 250 m of the Site (Phase One Study Area).

On October 10, 2018 Landtek conducted a walkover of Site and the Phase One Study Area (i.e., properties located within 250 m of the Site) in conjunction with a review of regulatory/historical information pursuant to O. Reg. 153/04. Landtek was unaccompanied for the walkover of the Site and for the walkover of the Study Area which involved the assessment of visible, publically accessible portions of adjoining and neighbouring properties within the Phase One Study Area.

(a) Phase One Property Information

The Phase One Property is identified as 2085 Pine Street. The site is approximately rectangular in shape and is bound by Pine Street to the south, as shown on **Figure 1**. The site is approximately 936 m^2 (0.23 acres) and is legally described as Part of Lot 9 Block L, Compiled Plan PL92, Part Lot 10 Block L, Compiled Plan PL92, as in 569355, Except Part 1, 20R6031: Burlington. The site is currently residential use and is occupied by a two-storey dwelling, a small storage shed, and a garage.

Historically the Phase One Property was residential and the Phase One Study Area was predominately residential and/or agricultural in nature. Based on a review of historical maps, aerial photographs and FIPs, the Site had been a vacant undeveloped and/or used for agricultural purposes from 1800s to the 1840s, with the existing structure present since 1847. The surrounding properties were first developed in the 1870s.

3 SCOPE OF INVESTIGATION

The Phase One ESA was completed in accordance with O. Reg. 153/04, as amended under the Environmental Protection Act. The Phase One ESA is intended to reduce, but not necessarily eliminate, uncertainty regarding the potential for contamination at a property. The Phase One ESA satisfies the requirements of O. Reg. 153/04 and as such can be used to support the preparation of a RSC. The Phase One ESA does not include sampling or testing of air, soil, or groundwater.

The current land-use for the Site is residential. Based on information sources reviewed, the Site land-use was historically residential and/or vacant lands. Consequently, pursuant to Section 32 (b) (11) of O. Reg. 153/04, the Site is not considered an 'enhanced investigation property' as the Site was not historically utilized for industrial and/or commercial use.

The Phase One Study Area includes the Site and all other properties located wholly or in part within 250 m of the boundaries of the Site. The qualified person for this ESA determined that no properties more than 250 m away from the Site boundaries needed to be included in the Phase One Study Area.

The general objectives of the Phase One ESA included the following:

- To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- To determine the need for a Phase Two ESA; and,
- To aid in the development of a Phase Two ESA scope of work, if required.

The scope of work for the Phase One ESA consisted of the following:

- A records review which included the following (where available), but not limited to:
  - Publicly available city directories, aerial photographs, fire insurance plans, geological and topographical maps;
  - Fire insurance plans (FIPs), property underwriter's reports from Opta Information Intelligence Inc., if available;
  - A land title search to determine the ownership history of the Site;
  - Verifying aspects of historical regulatory compliance with the Ontario Ministry of the Environment, Conservation and Parks (MECP);
  - MECP documents regarding the potential historical use of the Site for waste disposal sites, coal gasification plant waste sites, industrial sites which produced or used coal tar and related tars and PCB storage sites;
  - Ecolog Environmental Risk Information Service (Ecolog) environmental database search for agency records, applicable to the Site and Phase One Study Area;
- Interviews with persons knowledgeable of the Phase One Property and Phase One Study Area, including representatives of the present owner;
- A Site reconnaissance of the Site with the Site Representative, considered to be the person who has most knowledge of the Site and a reconnaissance of the Phase One Study Area to identify potentially contaminating activities associated with the following:
  - Current on-site operations;
  - Waste generation;
  - Fuel, chemical, and waste storage;

  - Exterior and building interior Site conditions including surface features, fill material, and wells; and,
  - Potential off-site sources and operations in the Study Area;
- Evaluation of the information gathered from the records review, interviews, and Site reconnaissance; and,
- Preparation and submission of this Phase One ESA report to the Client.

On October 12, 2018, Landtek conducted a walkover of Site and the Phase One Study Area (i.e., properties located within 250 m of the Site) in conjunction with a review of regulatory/historical information pursuant to O. Reg. 153/04. Landtek was unaccompanied for the walkover of the Phase One Property and for the walkover of the Phase One Study Area which involved the assessment of visible, publically accessible portions of adjoining and neighbouring properties within the Phase One Study Area.

4 RECORDS REVIEW

The review and evaluation of available records for the Phase One Property and Phase One Study Area are presented in the sections below.

(a) General

(i) Phase One Study Area Determination

Based on historical information and the City of Burlington zoning and land use data, the Phase One Property and Phase One Study Area have historically been developed for a mixture of residential, institutional and commercial land-uses located approximately 250 m from the Site. The Phase One Study Area within a distance of 250 m radius from the Phase One Property is considered applicable for this Phase One ESA.

The Phase One Property and Phase One Study Area are shown in **Figure 1**.

(ii) First Developed Use Determination

Based on historical records including a Chain of Title search, historical maps, fire insurance plans, city directories and aerial photograph review, the Phase One Property has been residential since 1847 (Heritage Impact Statement - ATA Architects, June 2015).

(iii) Fire Insurance Plans (FIPs) and Underwriters' Reports

A request was placed with Ecolog ERIS for available fire insurance plans (FIPs) and/or underwriter's reports for the Phase One Property and/or the adjacent / neighbouring properties. The search indicated that three (3) FIPs dated 1910, 1932, and 1971 were available for the Site and the surrounding properties while no Underwriter's Reports were available.

The 1910 Fire Insurance Plan (FIP) identified 2085 Pine Street as part of 34 Pine Street. The subject site was developed with one residential building and a small shed. The adjacent property to the west is identified as a church. A coal shed and wood yard were present approximately 185 m to the southwest of the site identified as 10 Pine Street.

The 1932 FIP identified 2085 Pine Street as 39 Pine Street. The adjacent property to the west is identified as a church. The Site was in residential use and developed with one residential building and a small shed. A hydro transmission corridor is located to the north of the site. Three gasoline stations and automotive garages are located approximately 183 m southwest of the subject site. A coal shed was located approximately 185 m southwest of the site. A creek was identified approximately 75 m northeast of the site.

The 1971 FIP showed 2085 Pine Street in residential use with one residential structure and a garage. The adjacent property to the west is identified as St. Mary's Church. Canada Safeway Ltd. was located southwest of the site and was identified as 395 Elizabeth Street. A garage supplies storehouse was located to the south of the site identified as 2079 Gore Street (currently Lakeshore Road and formerly Princess Street). Multiple gasoline service stations and automotive garages are located further south of the site.

Based on a review of the aforementioned FIPs, no potential environmental concerns for the Site were identified.

(iv) Chain of Title

A Chain of Title was compiled for the Site by Ecolog ERIS and is presented in **Appendix A**. A summary of the Site ownership is provided in **Table 2** below.

Table 1: Summary of the Chain of Title Information from 1798 to Present.

Registered Date	Registered Owner
2018 – Present	Pine Street Burlington Corp.
2018	Roman Home Builders Inc
2014 – 2018	2085 Pine Street Inc.
2006 – 2014	1694590 Ontario Inc
1983 - 2006	Carol Baker
1974 - 1983	Jean Baker
1957 – 1974	Harold Mooney
1949 – 1957	Mabel Hill
1947 – 1949	Arthur John Clarke
1884– 1949	Jabez Clarke/Jabez Clark – estate
1858 – 1884	James Clarke
1856 – 1858	Joseph Blanchard
1847 – 1856	Nelson Ogg
1829 – 1847	Andrew Gage
1798 – 1829	Capt. Joseph Brant
1798	Crown

The Site was listed to be owned by various individuals and/or numbered companies, therefore, no concerns were identified from the reviewed chain of title.

Table 2: Phase One Property and Adjacent Properties Occupancy Records

Address	Occupancy Date(s)	Occupants
2085 Pine Street (The Site)	2011 1991-2006 1971-1986 1957-1966	Residential (1 tenant) Vacant Residential (1 tenant) Address Not Listed
2077 Pine Street	2011 2001 – 2006 1996 1961-1991 1957-1996	Danescape/ Ukrainian Hall Ukrainian Banquet Hall Residential Holy Protection of BVM Ukrainian Catholic Church/Tsuruoka Karate School/St. Mary's Ukrainian Parish Hall Address not listed
402 Martha Street	2006 - 2011 1957-1996	Residential (1 tenant) Address not listed
420 Martha Street	2006 – 2011 1957-1996	Burlington Hydro Residential Address not listed
419 Pearl Street	1991-2011 1986	Holy Protection of BVM Ukrainian Catholic Church Address not listed
425 Pearl Street	1957-2011	Address not listed

No environmental concerns were identified from the reviewed City Directories.

(v) Previous Environmental Reports

The following reports were reviewed as part of this assessment

1. Phase One Environmental Site Assessment, 2085 Pine Street, City of Burlington, Ontario for Roman Home Builders completed by Landtek Limited dated May 20, 2014

The following summary outlines the findings of the *2014 Phase One ESA*:

- Multiple waste generators and some small spills were identified in the Ecolog ERIS report for locations surrounding the subject site. *Due to the down or cross gradient locations, the relative distances away from the site and the nature of the waste generators, these items are considered to present a low risk of environmental liability to the subject site.*

- The 1932 and 1971 Fire Insurance Plans (FIPs) identified that auto service stations and repair garages were present further to the southwest of the subject site. *These properties are considered to be located down/cross gradient from the subject site and are considered to present a low risk of environmental liability to the subject site.*

- The 1910 and 1932 FIPs identified that a coal shed was located approximately 185 m to the southwest of the subject site. *This property is considered to be located down/cross gradient from the subject site and is considered to present a low risk of environmental liability to the subject site.*

- The 1971 FIP identified that a garage supplies store was located to the south of the site and Canada Safeway Ltd. was located southwest of the site. *These are considered to be located down gradient from the subject site are considered to present a low risk of environmental liability to the subject site.*

The following conclusions and recommendations are provided:

1. Review of the historical and regulatory information, and observations made during the site inspection, there are no obvious issues or evidence of major environmental concern/impact on the study site.

2. No access was provided to the building or garage. It is unknown whether there are any potentially contaminating activities taking place on the property or if any ASTs are, or have historically been located in the basement or on the exterior of the dwelling. The contents and use of the garage and shed on the property were also unable to be verified.

Based on the findings of this Phase One ESA (without a site inspection of the building), it is the opinion of Landtek Limited that there is no need to undertake a comprehensive Phase Two Environmental Site Assessment at this time.

If the property becomes legally accessible Landtek Limited should be notified and a site inspection should be completed to confirm the findings of the Phase One ESA.

2. Update Phase One Environmental Site Assessment, 2085 Pine Street, City of Burlington, Ontario for Roman Home Builders completed by Landtek Limited dated September 7, 2016

The purpose of this *2016 Updated Phase One ESA* Update is to complete the Site inspection of the interior of the residential building in order to assess the existing conditions and identify any areas of potential environmental concern with respect to the current and historical Site use.

Heating of the residential dwelling was provided by a natural gas furnace located in the basement. A central air conditioning unit was observed on the north side of the house.

There was no evidence of Underground Storage Tanks (UST) or Above Ground Storage Tanks (ASTs). There was no observed evidence of filler pipes, breather pipes or ground depressions that may indicate the presence of any UST's.

Based on the findings of this Phase One ESA, it is the opinion of Landtek Limited that there is no need to undertake a comprehensive Phase 2 Environmental Site Assessment at this time.

5 ENVIRONMENTAL SOURCE INFORMATION

(i) EcoLog Environmental Risk Information Service (ERIS)

An Ecolog ERIS search provides information from federal, provincial and private source databases and was searched for information relating to the Phase One Property and the Phase One Study Area. The Ecolog ERIS report is presented in **Appendix B**. The available databases were searched to determine if the Site, adjoining and/or neighboring properties were listed and if the listing(s) relate to actual or potential environmental contamination to the Phase One Property.

No Provincial, Federal, and/or Private Records were available for the Site and records were listed for the 0.25 km search radius from ERIS. Based on the listing and the distance to the Phase One Property the environmentally significant database records are summarized as follows:

Table 3: ERIS Records – Phase One Property and Phase One Study Area

Property Address	Distance (m) & Direction from Site	Details
Terratechnik Environmental 431 Martha Street	75 m Northwest	Registered waste generator of oil skimmings & sludges in 2010.
Reichman Seniors Housing Development 392 & 398 Pearl St.	70 Southwest	Registered waste generator of compressed gases, detergents/soaps, oil skimmings& sludges, paint/ pigment/ coating residues and reactive anion wastes in 2009.
987032 Ontario Inc. - 2082 Pine St.	10m West	RSC 2194 filed Sep. 2005 with Phase 1 ESA
987032 Ontario Inc. - 2078 Pine St.,	20m Southwest	RSC 2193 filed Sep. 2005 with Phase 1 ESA
987032 Ontario Inc. - 394 Martha St	50 m Northeast	RSC 2197 filed Sep. 2005 with Phase 1 ESA
987032 Ontario Inc. - 388 Martha St	50 m East	RSC 2196 filed Sep. 2005 with Phase 1 ESA
987032 Ontario Inc. - 399 Pearl St	60m Southwest	RSC 2196 filed Sep. 2005 with Phase 1 ESA
Mr.Scott Stuart. - 393 Pearl St	75m South	RSC 2375 filed Oct. 2005 with Phase 1 ESA
Mr.Scott Stuart. - 389 Pearl St	75m South	RSC 2378 filed Oct. 2005 with Phase 1 ESA
Pearl & Pine - 398 Pearl St	90m Southwest	RSC 45459 filed Oct. 2005 with Phase 1 & 2 ESA No CPU
Bridgewater 2042-2058 Lake Shore Rd	140 m south	RSC 210368 filed Oct. 2015 with Phase 1 ESA No CPU
City of Burlington 2080 Lake Shore Rd	110 m southeast	RSC 210472 filed Oct. 2016 with Phase 1 ESA No CPU
Intersection of James and Pearl Street	140 m Northwest	Spill of 76 L of gasoline to storm sewer in 2004.
Gabe Radakovic 439 Martha Street	125 m Northeast	Registered waste generator of light fuels in 2009.

Based on the reviewed Ecolog ERIS report no potential contaminating activities (PCAs) were identified for the Site and/or the adjacent/neighbouring properties.

(ii) Areas of Natural Significance

Landtek requested an ANSI search via Ecolog ERIS for the Site and the Phase One Study Area, which was utilized to determine if any life science or earth science ANSI were located on the Site and/or surrounding properties. No ANSIs were reported to be within the Study Area (i.e., 250 m buffer from the Site).

(iii) Reports Submitted to the MOE (under Freedom of Information)

A request was sent to the MOE Freedom of Information (FOI) and Protection of Privacy office (one for each municipal address) in order to determine if there were any recorded environmental issues or violations associated with the Site and/or have issued any approvals, licenses, or permits for the locations, including registration as a PCB storage facility, and/or if a waste generator number has ever been assigned to any of the properties, issued control orders or violation notices, and/or if the MOE has knowledge or record that any of the Phase One Study Area properties have ever been used or is currently being used for waste disposal. No concerns were identified from the MOE FOI request.

(b) Physical Setting Sources

(i) Historical Map and Aerial Photographs

A historical map of the Township of Nelson dated 1875 and Burlington City Map dated 1877 were reviewed and the relevant portion is shown in **Appendix C**. The map was provided via the Canadian County Atlas Digital Project. Information from this map indicates that the Site was located in the City of Burlington and appears to be part of the Town of Burlington.

Aerial photographs of the Site and Study Area were obtained from Ecolog ERIS and current satellite imagery. The photographs are presented in **Appendix C** and the information from these sources is summarized in **Table 4** below.

Table 4: Aerial Photograph Information

Year	Site	Study Area
1931	The aerial photograph shows that the property is developed for residential use with one residential structure.	The surrounding land use appears to be predominantly residential and agricultural. Pine Street is present immediately south of the subject site, Martha Street is present to the east and Pearl Street is present to the west. Lake Ontario is located further south of the site and a creek is located to the east. A hydro transmission corridor is located to the north of the site.
1950	The northern portion of the site appears to have an increased number of trees.	Increased residential development in the surrounding area.
1965	Garage now present to the northeast of the building	Increased commercial and residential development to the north, east, south and west.
1986	Same as above. Fewer mature trees are located on the site.	No significant changes.
1992	Consistent with above.	Increased residential development to the northwest. One commercial structure is present on 2069 Lakeshore Road

Year	Site	Study Area
		and one residential dwelling is present on 374 Martha Street.
2004	Consistent with above.	Increased residential development to the east and south.
2009	Consistent with above.	Consistent with above.
2016	Consistent with above.	Consistent with above.

Based on a review of the aforementioned aerial photographs, no PCAs were identified for the Site and for the surrounding properties.

(ii) Topography, Hydrogeology and Geology

Geological and Hydrogeological information sources were reviewed to determine the nature of the subsurface strata on Site.

The following information sources were reviewed to determine the nature of the subsurface strata and local topography: 1) Quaternary Geology Ontario, Southern Sheet, Map 2556, Ontario Geological Survey, 1991 2). Bedrock Geology of Ontario, Southern Sheet; May 2544, Ontario Geological Survey, 1991 3) “Bedrock Topography of the Grimsby Area”, Map 2041 by the Ontario Geological Survey, 1981; and, 4) 2009 Topographic Map by the Ontario Ministry of Natural Resources.

A review of the quaternary geologic map indicates that the predominant subsurface strata in the area of the site consist of sand overlying clay to silt Halton Till and red shale of the Queenston Formation.

Based on topography and mapping information of the area, the ground surface elevations indicate that the area generally slopes down to the south to southeast. The local groundwater flow direction has been inferred to be in a south easterly direction towards Lake Ontario on a regional basis. Shallow ground water direction may be influenced by trenches for municipal infrastructure, underground utilities, conduits, structures, variations in subsurface strata, and changes in local topography.

(iii) Fill Material

No obvious indications of fill material were inferred to be on Site.

(iv) Water Bodies

All reasonable inquiries were made to review the nearest bodies of water and results indicate that the nearest waterbody is Lake Ontario located approximately 3.8 km southeast of the Site.

(v) Well Records

A search of the MOE Water Well Records database was reviewed for the Phase One Property and the Phase One Study Area. No supply wells are reported to be located in the Study Area or were reported to be located on the Phase One Property.

(c) Site Operating Records

The following site records were requested (in accordance with O. Reg. 153/04) but no information was able to be found or reported for review as the Phase One Property.

- Material Safety Data Sheets
- Inventories of chemicals, chemical usage, and chemical storage areas
- Inventory of above ground storage tanks and underground storage tanks.
- Waste management records
- Records of spills and records of discharges
- Emergency response and contingency plans, including spill prevention.
- Environmental Audit Reports

6 SITE RECONNAISSANCE

On October 10th Landtek conducted a walkover of the Phase One Study Area (i.e., properties located within 250 m of the Site) in conjunction with a review of regulatory/historical information pursuant to O. Reg. 153/04. Landtek was unaccompanied for the walkover of the Site and the Study Area which involved the assessment of visible, publically accessible portions of adjoining and neighbouring properties within the Phase One Study Area.

(a) General Requirements

Date and Time of Investigation	October 10th, 2018; 9 am to 11 am
Weather Conditions	Sunny, 25 degrees C
Facility Operating During Site Reconnaissance	A residential dwelling
Qualifications of the Person Conducting Investigations	Qualified Person: Paul Blunt, P.Eng.

Photographs of typical site conditions were taken and selected photographs are provided in **Appendix D**.

(i) Building Exit and Entry Points

At the time of the Landtek's Site visit, the Phase One Property consisted of single residential detached house with front, side and rear entrance.

(ii) Aboveground and Underground Storage Tanks

No aboveground storage tanks (ASTs) or underground storage tanks (USTs) were identified on the Phase One Property at the time of the Site inspection. In addition, there was no visual evidence of vent / fill pipes that would indicate UST's.

(iii) Drains, Pits and Sumps

No floor drains, pits or sumps were observed during the visual Site inspection.

(iv) Unidentified Substances

No unidentified substances were observed during the visual Site inspection.

(v) Staining and Corrosion

No staining or corrosion was observed during the visual Site inspection.

(vi) Existing and Former Wells

No abandoned or existing wells were reported to Landtek or observed during the visual Site inspection.

Water is currently supplied to the Site and surrounding properties from municipal sources.

(b) Specific Observations at Phase One Property

A Phase One Property was historically utilized as a residential property,

(vii) Building Descriptions

At the time of the Landtek's Site visit, one (1) residential dwelling with a detached garage was located on the Site.

(viii) Exterior Site Conditions

The surficial features included vacant lands and grassed areas. There was no evidence of stained or odorous soils at the time of the Site visit.

(ix) Underground Utilities, Services and Sewage Works

The Site and the Phase One Study Area are serviced with electricity, natural gas, telecommunications, municipal sewers, and municipal water.

(x) Stressed Vegetation

There was no evidence of vegetation stress at the time of the Site visit.

(xi) Fill Materials

No fill material was observed at the time of the Site inspection.

(xii) Potentially Contaminating Activity

During the Site visit no PCAs were observed on the Phase One Property.

(xiii) Watercourses, Ditches or Standing Water

No watercourses, ditches or standing water were observed on Site at the time of the Site inspection.

(xiv) Air Emissions

No air emissions were being generated from the Phase One Property at the time of the Site visit.

(c) Enhanced Investigation Property

Enhanced Investigation Property, as defined in the O. Reg. 153/04, outlines how a Phase One Property is to be considered an Enhanced Investigation Property if the property is used, or has ever been used, in whole or in part for an industrial use (which involves assembling, fabricating, manufacturing, processing, producing, storing, warehousing or distributing goods or raw materials) or for a garage, bulk liquid dispensing facility or dry cleaning operation.

The Phase One Property is therefore, not considered an enhanced investigation property.

(d) Written Description of Investigation

(i) Investigation Details

Landtek conducted a Site reconnaissance of the Phase One Property to document in detail all areas of the Site.

The Phase One Property is identified as 2085 Pine Street. The site is approximately rectangular in shape and is bound by Pine Street to the south, as shown on **Figure 1**. The site is approximately 936 m^2 (0.23 acres) and is legally described as Part of Lot 9 Block L, Compiled Plan PL92, Part Lot 10 Block L, Compiled Plan PL92, as in 569355, Except Part 1, 20R6031: Burlington. It is understood that the site is currently developed for residential use and is occupied by a two-storey dwelling, a small storage shed, and a garage.

Historically the Phase One Property was residential and the Phase One Study Area was predominately residential and/or agricultural in nature. Based on a review of historical maps, aerial photographs and FIPs, the Site had been a vacant undeveloped and/or used for agricultural purposes from 1800s to the 1840s, with the existing structure present since 1847. The surrounding properties were first developed in the 1870s.

The properties within the Phase One Study Area were visually inspected from public access ways to identify, locate and document potentially contaminating activities, water bodies, and areas of natural significance.

Photographs were taken to record findings during the Site reconnaissance. Selected photographs taken during the Site reconnaissance are presented in **Appendix D**.

(ii) Investigation of Site Visit Findings

During Landtek's site reconnaissance, no activities on-Site or within the Phase One Study Area were observed suggesting the existence of PCAs that may have led to APECs for the Site.

7 REVIEW AND EVALUATION OF INFORMATION

(a) Current and Past Uses

Current and past uses of the Site were determined from historical aerial photographs, interviews, previous environmental reports, chain of title documents and city directories.

The Site is currently zoned residential (circa early 1870s to present). Based on information sources reviewed, the Site land-use was historically agricultural lands.

The Table of Current and Past Uses are provided in **Appendix E** and outline the description and summary of the current and past uses of the Phase One Property.

(b) Potentially Contaminating Activity

Based on the findings of the records review, interviews and the Site reconnaissance completed, no PCAs were identified that may have led to a APECs at the Site.

(c) Areas of Potential Environmental Concern

Based on the findings of the records review, interviews and the Site reconnaissance completed, no PCAs were identified that may have led to a APECs at the Site.

(d) Phase One Conceptual Site Model

Information sources for the development of a Conceptual Site Model was gathered from numerous sources (i.e., aerial photographs, environmental database searches, physical setting sources, interviews, and a Site reconnaissance), which reduces the risk of not identifying either a current or former property use for a PCA.

Based on historical information and the City of Burlington zoning and land use data, the Phase One Property and Phase One Study Area have historically been developed for a mixture of residential, institutional and commercial land-uses located approximately 250 m from the Site. The Phase One Study Area within a distance of 250 m radius from the Phase One Property is considered applicable for this Phase One ESA.

The Phase One Property is identified as 2085 Pine Street. The site is approximately rectangular in shape and is bound by Pine Street to the south. The site is currently developed for residential use and is occupied by a two-storey dwelling, a small storage shed, and a garage.

Historically the Phase One Property was residential and the Phase One Study Area was predominately residential and/or agricultural in nature. Based on a review of historical maps, aerial photographs and FIPs, the Site had been a vacant undeveloped and/or used for agricultural purposes from 1800s to the 1840s, with the existing structure present since 1847. The surrounding properties were first developed in the 1870s.

The properties within the Phase One Study Area were visually inspected from public access ways to identify, locate and document potentially contaminating activities, water bodies, and areas of natural significance.

The existing buildings, adjacent property uses, roadways, water wells, locations of PCAs, geological information and inferred groundwater flow direction is identified in the Phase One Conceptual Site Model (CSM), provided in **Figure 1** and **Figure 2**.

8 CONCLUSIONS

(a) Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted

Based on the results of the Phase One ESA, no PCAs were identified that may have led to a APECs at the Site and therefore, no further work is required at the Site.

(b) Signatures

Closure

We trust this report is satisfactory for you purposes. If you have any questions regarding our submission, please do not hesitate to contact this office.

Yours truly,

LANDTEK LIMITED



Paul Blunt, P.Eng., QP_{ESA}

Qualifications

Mr. Paul J Blunt, P.Eng. is a Senior Environmental Engineer with Landtek and has conducted and supervised Phase One ESAs for 30 years. Mr. Blunt obtained a B.Sc. in Chemical Engineering from University of Windsor in 1987 and is a licensed Professional Engineer in the Province of Ontario. Mr. Blunt has conducted and supervised Phase One Environmental Site Assessments over 1500 environmental site assessments on a variety of agricultural, residential, industrial, commercial and industrial properties. Mr. Blunt also has extensive experience in conducting Phase Two Environmental Site Assessments and is therefore familiar with how to assess potential concerns identified during the Phase One ESA. Mr. Blunt has conducted and supervised environmental projects throughout Canada, the United States and Australia.

Limitations

This report was prepared for the sole use of the Client, their legal counsel, and Client designated and authorized financial and mortgage institutions. It is intended to provide an evaluation of the current environmental conditions at the subject site. Any use of this report, or decisions made based on it, by an unauthorized party, is the responsibility of the unauthorized party. Landtek Limited accepts no responsibility for damages of any type suffered by the unauthorized party as a result of actions or decisions made based on this report.

The conclusions and recommendations given in this report are based on information obtained from various sources noted and a visual examination of the site. It is based on the conditions of the subject property at the time of the field investigation supplemented by a review of historical information to assess environmental conditions at the site reported. Landtek Limited assumes that information provided by others is factual and accurate, and accepts no responsibility for any deficiency, misstatement, of inaccuracy in this report from information provided by others.

Sampling and analysis of soil, groundwater, or other materials was not carried out as part of the scope of work. The findings of the assessment cannot be extended to reflect portions of the site that were unavailable for direct observation by Landtek Limited.

This assessment should not be considered a comprehensive audit that eliminates all risks of encountering environmental problems. There is no warranty expressed or implied by this report concerning the status of the study site.

9 REFERENCES

Websites

http://digital.library.mcgill.ca/CountyAtlas/default.htm
http://maps.google.ca/maps
http://map.hamilton.ca/iMapper.aspx
https://library.mcmaster.ca/maps/airphotos/
https://www.ontario.ca/page/make-natural-heritage-area-map
http://www.giscoeapp.lrc.gov.on.ca/matm/Index.html?site=Make_A_Topographic_Map&viewer=MATM&locale=en-US

Government of Ontario Environmental Registry web-site (https://www.ebr.gov.on.ca/ERS-WEBExternal/displaynoticecontent.do?noticeId=MTI0NjQz&statusId=MTg5NjM4&language=en)

MOE small and large landfill websites (https://www.ontario.ca/environment-andenergy/small-landfill-sites-list?drpDistrict=Durham&drpStatus=all

https://www.ontario.ca/environment-and-energy/map-large-landfill-sites?region=Central)

Maps

OGS Earth. Bedrock Geology in the Province of Ontario at a compilation scale of 1:250 000. Ontario Ministry of Northern Development and Mines.

OGS Earth. Quaternary Geology of the Province of Ontario at a compilation scale of 1:1000000. Ontario Ministry of Northern Development and Mines.

Area of Natural and Scientific Interest Map, Ontario Ministry of Natural Resources, at a compilation scale of 1:4,513, 2014.

Other Sources

Ecolog ERIS Ltd. Environmental Database Custom Report.

Opta, Information Intelligence.

Burlington, Ontario City Directory

Intera Technologies Limited, 1987. *Inventory of Coal Gasification Plant Waste Sites in Ontario*. Prepared for Ontario Ministry of the Environment, Waste Management Branch.

Intera Technologies Limited, 1988. Inventory of Industrial Sites Producing or Using Coal. Prepared for Ontario Ministry of the Environment, Waste Management Branch.

Aerial Photographs

Google Earth Pro historical images

Communications: Ontario Ministry of the Environment and Climate and Change

Environmental Protection Act. Ontario Regulation 153/04, Records of Site Condition – Part XV.1 of the Act. Under Environmental Protection Act, R.S.O. 1990, c. E.19.

FIGURES



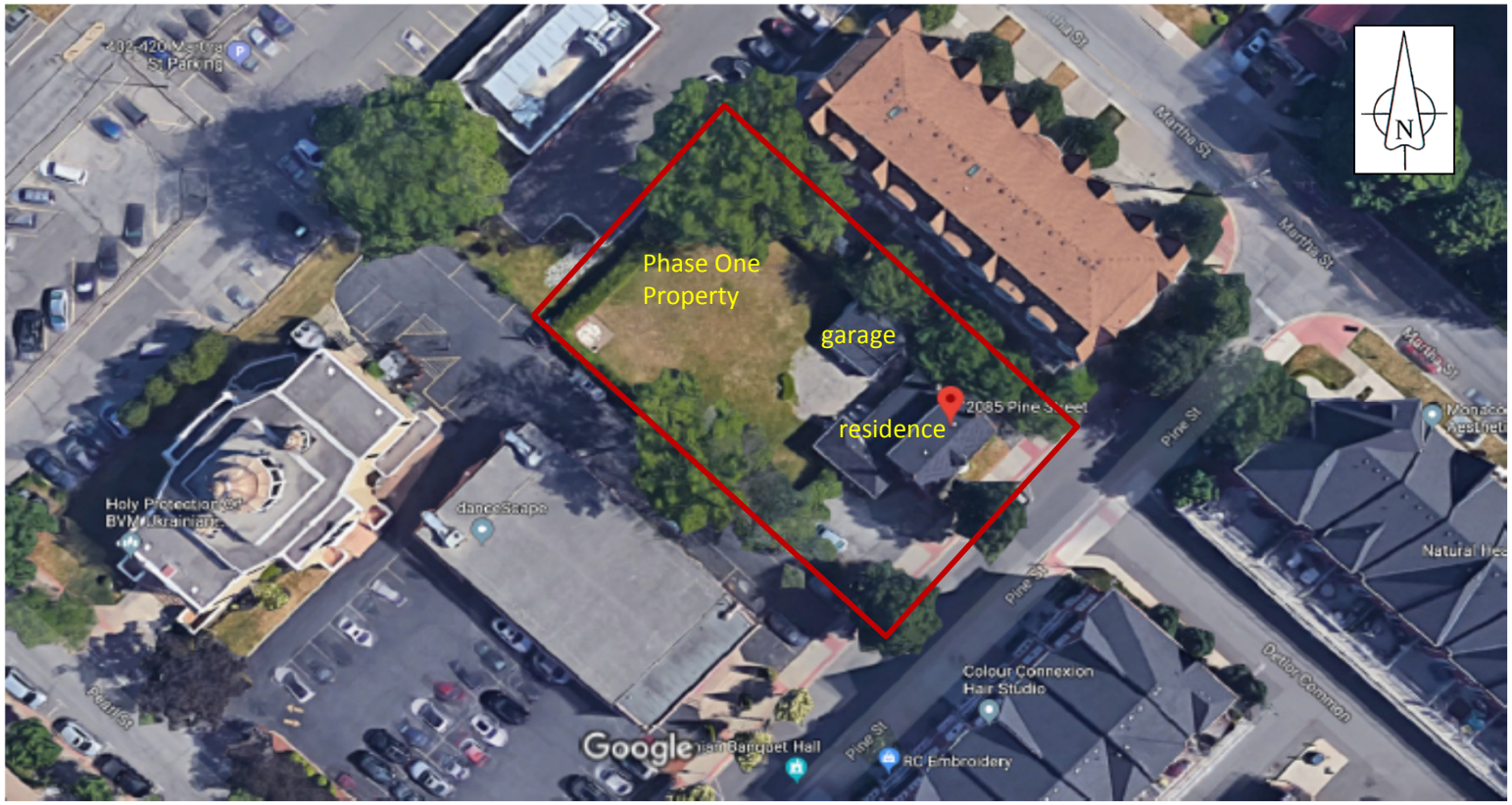
Legend

0 125 250

metres

LANDTEK LIMITED

Scale:	as shown	Date: Oct 2018
Project:	One ESA 2085 Pine Street Hamilton, Ontario	
Title:	Figure 1 - Phase One Study Area	
Project No.	18360	



Legend

0 5 10

metres

LANDTEK LIMITED

Scale:	as shown	Date: Oct 2018
Project:	One ESA 2085 Pine Street Hamilton, Ontario	
Title:	Figure 2 - Phase One Property	
Project No.	18360	

APPENDIX A

CHAIN OF TITLE AND OCCUPANCY SEARCH

CHAIN OF TITLE REPORT

Project # 20180918123
Address: 2085 Pine Street, Burlington
Legal Description: Part Lots 9 & 10 Block L CP Plan 92 as in 569355, except Pt 1, 20R6031

PIN# 07065-0046 (LT)

Searched at: Milton
LRO #: 20

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	06 02 1798	Crown	Capt. Joseph BRANT
81	Deed	27 11 1829	Joseph Brant	Andrew GAGE
514	Deed	13 02 1847	Andrew Gage	Nelson OGG
540	Deed	22 04 1856	Nelson OGG	Joseph BLANCHARD
858	Deed	22 03 1858	Joseph Blanchard	James CLARKE
997	Deed	29 12 1884	James Clarke	Jabez CLARKE
13354	Deed	05 12 1947	Jabez Clarke - Estate	Arthur John CLARKE
14544	Deed	30 11 1949	Arthur John Clarke	Mabel HILL
65252	Deed	18 06 1957	Mabel Hill	Harold MOONEY

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project # 20180918123
Address: 2085 Pine Street, Burlington
Legal Description: Part Lots 9 & 10 Block L CP Plan 92 as in 569355, except Pt 1, 20R6031

PIN# 07065-0046 (LT)

Searched at: Milton
LRO #: 20

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
391010	Deed	30 05 1974	Harold Mooney	Carlton BAKER & Jean BAKER
545512	Deed	19 08 1981	Carlton Baker & Jean Baker	Jean BAKER
569355	Deed	07 01 1983	Jean Baker	Carol BAKER
HR504146	Deed	18 08 2006	Carol Baker	1694590 Ontario Inc.
HR1186339	Deed	04 06 2014	1694590 Ontario Inc.	2085 Pine Street Inc.
HR1558295	Name Change	24 07 2018	2085 Pine Street Inc.	Roman Home Builders Inc.
HR1559043	Deed **(Present Owner)**	26 07 2018	Roman Home Builders Inc.	**Pine Street Burlington Corp.**

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

PROPERTY DESCRIPTION: PT LT 9 BLK L , COMPILED PLAN PL92 , PT LT 10 BLK L , COMPILED PLAN PL92 , AS IN 569355, EXCEPT PT 1, 20R6031 ; BURLINGTON

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1997/06/18

OWNERS' NAMES
PINE STREET BURLINGTON CORP.

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
569355	1983/01/07	TRANSFER		*** COMPLETELY DELETED ***	BAKER, CAROL	
853105	1996/06/26	CHARGE		*** COMPLETELY DELETED ***	CANADA TRUSTCO MORTGAGE COMPANY	
HR504146	2006/08/18	TRANSFER		*** COMPLETELY DELETED *** BAKER, CAROL	1694590 ONTARIO INC.	
REMARKS: PLANNING ACT STATEMENTS						
HR504147	2006/08/18	CHARGE		*** COMPLETELY DELETED *** 1694590 ONTARIO INC.	DESJARDINS CREDIT UNION INC.	
REMARKS: DOCUMENT WAS DELETED ON JULY 23, 2018 AS PER DISCHARGE HR1193804 BY VANESSA NORMAN						

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
HR504148	2006/08/18	NO ASSGN RENT GEN		*** COMPLETELY DELETED ***		
				1694590 ONTARIO INC.	DESJARDINS CREDIT UNION INC.	
	REMARKS: RE: HR504147 - RENTS					
HR509168	2006/09/05	DISCH OF CHARGE		*** COMPLETELY DELETED ***		
				THE CANADA TRUST COMPANY		
	REMARKS: RE: 853105					
HR1017374	2012/05/17	TRANSFER OF CHARGE		*** COMPLETELY DELETED ***		
				MERIDIAN CREDIT UNION LIMITED	CIBC MORTGAGES INC., TRADING AS FIRSTLINE MORTGAGES	
	REMARKS: HR504147.					
HR1017378	2012/05/17	NO ASSGN RENT GEN		*** COMPLETELY DELETED ***		
				MERIDIAN CREDIT UNION LIMITED	CIBC MORTGAGES INC., TRADING AS FIRSTLINE MORTGAGES	
	REMARKS: HR504147.					
HR1089336	2013/03/25	CAUTION-LAND		*** COMPLETELY DELETED ***		
				1694590 ONTARIO INC.	ROMAN HOME BUILDERS INC.	
HR1093516	2013/04/15	CERTIFICATE		*** COMPLETELY DELETED ***		
				ROMAN HOME BUILDERS INC.	1694590 ONTARIO INC.	
	REMARKS: PENDING LITIGATION					
HR1186282	2014/06/04	APL AMEND ORDER		*** COMPLETELY DELETED ***		
				ONTARIO SUPERIOR COURT OF JUSTICE	ROMAN HOME BUILDERS INC.	
	REMARKS: VACATE, DISCHARGE HR1093516					
HR1186339	2014/06/04	TRANSFER		*** COMPLETELY DELETED ***		
				1694590 ONTARIO INC.	2085 PINE STREET INC.	
	REMARKS: PLANNING ACT STATEMENTS.					
HR1193804	2014/07/03	DISCH OF CHARGE		*** COMPLETELY DELETED ***		
				CIBC MORTGAGES INC., TRADING AS FIRSTLINE MORTGAGES		
	REMARKS: HR504147.					
HR1519041	2018/01/17	NOTICE		THE CORPORATION OF THE CITY OF BURLINGTON		C
	REMARKS: THIS NOTICE IS FOR AN INDETERMINATE PERIOD					
HR1524783	2018/02/14	NOTICE		THE CORPORATION OF THE CITY OF BURLINGTON		C
HR1558295	2018/07/24	APL CH NAME OWNER		*** COMPLETELY DELETED ***		
				2085 PINE STREET INC.	ROMAN HOME BUILDERS INC.	

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REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
HR1559043	2018/07/26	TRANSFER	$3,200,000	ROMAN HOME BUILDERS INC.	PINE STREET BURLINGTON CORP.	C
	REMARKS: PLANNING ACT STATEMENTS.					
HR1559044	2018/07/26	CHARGE	$2,648,830	PINE STREET BURLINGTON CORP.	ROMAN HOME BUILDERS INC.	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.



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SCALE

0 20 meters

PROPERTY INDEX MAP

HALTON(No. 20)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

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ENVIRONMENTAL RISK INFORMATION SERVICE

Head Office: 80 Valleybrook Dr, Toronto, ON M3B 2S9
Physical Address: 38 Lesmill Rd, Toronto, ON M3B 2T5
Phone: 416-510-5204 • Fax: 416-510-5133
info@erisinfo.com • www.erisinfo.com

City Directory Information Source
Vernon's Burlington & Area, ON

PROJECT NUMBER: 20140512025	
Site Address:	2085 Pine St. Burlington, ON
Year: 2011	
Site Listing:	- Residential (1 Tenant)
Adjacent Properties:	
2077 Pine St.	- Dancescape - Ukranian Hall - Ukranian Banquet Hall
402 Martha St.	- Residential (1 Tenant)
420 Martha St.	- Burlington Hydro
419 Pearl St.	- Holy Protection of BVM Ukrainian Catholic Church

425 Pearl St.	- Address Not Listed

PROJECT NUMBER: 20140512025	
Site Address:	2085 Pine St. Burlington, ON
Year: 2006	
Site Listing:	- Vacant
Adjacent Properties:	
2077 Pine St.	- Ukranian Hall
402 Martha St.	- Residential (1 Tenant)
420 Martha St.	- Burlington Hydro
419 Pearl St.	- Holy Protection of BVM Ukrainian Catholic Church
425 Pearl St.	- Address Not Listed

PROJECT NUMBER: 20140512025	

Site Address:	2085 Pine St. Burlington, ON
Year: 2001	
Site Listing:	- Vacant
Adjacent Properties:	
2077 Pine St.	- Ukranian Hall
402 Martha St.	- Address Not Listed
420 Martha St.	- Address Not Listed
419 Pearl St.	- Holy Protection of BVM Ukrainian Catholic Church
425 Pearl St.	- Address Not Listed

PROJECT NUMBER: 20140512025	
Site Address:	2085 Pine St. Burlington, ON
Year: 1996	
Site Listing:	- Vacant

Adjacent Properties:	
2077 Pine St.	- Holy Protection of B V M Ukrainian Catholic Church - Tsuruoka Karate School - St Mary's Ukrainian Parish Hall
402 Martha St.	- Address Not Listed
420 Martha St.	- Address Not Listed
419 Pearl St.	- St Mary's Ukrainian Catholic Church
425 Pearl St.	- Address Not Listed

PROJECT NUMBER: 20140512025	
Site Address:	2085 Pine St. Burlington, ON
Year: 1991	
Site Listing:	- Vacant
Adjacent Properties:	
2077 Pine St.	- St Mary's Ukrainian Parish Hall

402 Martha St.	- Address Not Listed
420 Martha St.	- Address Not Listed
419 Pearl St.	- St Mary's Ukrainian Catholic Church
425 Pearl St.	- Address Not Listed

PROJECT NUMBER: 20140512025	
Site Address:	2085 Pine St. Burlington, ON
Year: 1986	
Site Listing:	- The Way We Were Antiques & Pottery - Residential (1 Tenant)
Adjacent Properties:	
2077 Pine St.	- St Mary's Ukrainian Parish Hall
402 Martha St.	- Address Not Listed
420 Martha St.	- Address Not Listed
419 Pearl St.	- Address Not Listed

425 Pearl St.	- Address Not Listed

PROJECT NUMBER: 20140512025	
Site Address:	2085 Pine St. Burlington, ON
Year: 1981	
Site Listing:	- The Way We Were Antiques & Pottery - Residential (1 Tenant)
Adjacent Properties:	
2077 Pine St.	- St Mary's Ukrainian Parish Hall
402 Martha St.	- Address Not Listed
420 Martha St.	- Address Not Listed
419 Pearl St.	- Address Not Listed
425 Pearl St.	- Address Not Listed

PROJECT NUMBER: 20140512025	
Site Address:	2085 Pine St. Burlington, ON
Year: 1976	
Site Listing:	- The Way We Were Antiques & Pottery - Residential (1 Tenant)
Adjacent Properties:	
2077 Pine St.	- St Mary's Ukrainian Parish Hall
402 Martha St.	- Address Not Listed
420 Martha St.	- Address Not Listed
419 Pearl St.	- Residential (1 Tenant)
425 Pearl St.	- Address Not Listed

PROJECT NUMBER: 20140512025	
Site Address:	2085 Pine St. Burlington, ON
Year: 1971	

Site Listing:	- Residential (1 Tenant)
Adjacent Properties:	
2077 Pine St.	- St Mary's Ukrainian Parish Hall
402 Martha St.	- Address Not Listed
420 Martha St.	- Address Not Listed
419 Pearl St.	- Residential (1 Tenant)
425 Pearl St.	- Address Not Listed

PROJECT NUMBER: 20140512025	
Site Address:	2085 Pine St. Burlington, ON
Year: 1966	
Site Listing:	- Address Not Listed
Adjacent Properties:	
2077 Pine St.	- St Mary's Ukrainian Parish Hall

402 Martha St.	- Address Not Listed
420 Martha St.	- Address Not Listed
419 Pearl St.	- Residential (1 Tenant)
425 Pearl St.	- Address Not Listed

PROJECT NUMBER: 20140512025	
Site Address:	2085 Pine St. Burlington, ON
Year: 1961	
Site Listing:	- Address Not Listed
Adjacent Properties:	
2077 Pine St.	- St Mary's Parish Hall
402 Martha St.	- Address Not Listed
420 Martha St.	- Address Not Listed
419 Pearl St.	- Residential (1 Tenant)

425 Pearl St.	- Address Not Listed

PROJECT NUMBER: 20140512025	
Site Address:	2085 Pine St. Burlington, ON
Year: 1957	
Site Listing:	- Address Not Listed
Adjacent Properties:	
2077 Pine St.	- Address Not Listed
402 Martha St.	- Address Not Listed
420 Martha St.	- Address Not Listed
419 Pearl St.	- Address Not Listed
425 Pearl St.	- Address Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as "residential" with the number of tenants. The name of the residential tenant is not listed in the above city directory

APPENDIX B

ECOLOG ERIS REPORT

ENVIRONMENTAL RISK INFORMATION SERVICE

DATABASE REPORT

Project Property:	*2085 Pine Street* *2085 Pine St* *Burlington ON L7R1G1*
Report Type:	*Standard Report Plus Fire Insurance Maps*
Order #:	*20140512025*
Requested by:	*Landtek Limited*
Date:	*May 12, 2014*

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

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Executive Summary

Property Information:

Project Property:		*2085 Pine Street* *2085 Pine St Burlington ON L7R1G1*
Coordinates:		
	Latitude:	*43.326857*
	Longitude:	*-79.793849*
	UTM Northing:	*4,797,819.06*
	UTM Easting:	*597,789.09*
	UTM Zone:	*UTM Zone 17T*
Elevation:		*253 FT* *77.12 M*

Order Information:

Order No.:	*20140512025*
Date Requested:	*13/05/2014*
Requested by:	*Landtek Limited*
Report Type:	*Standard Report Plus Fire Insurance Maps*

Additional Products:

City Directory Search	*Subject Site plus 5 Adjacent Properties*
Fire Insurance Maps	*Canadian Fire Insurance Maps*
Land Title Search	*Title Search*

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	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	7	7
EIIS	Environmental Issues Inventory System	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	1	1
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	12	12
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
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
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defence & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defence & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
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	1	1
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	16	16
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	1	1
SPL	Ontario Spills	Y	0	5	5
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	12	12
		Total:	0	72	72

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	HINC		2086 Pine St BURLINGTON ON L7R 1G2	NNW/9.7	0.10	18
2	RSC	987032 Ontario Inc.	2082 Pine Street, Burlington, Ontario, ON L7R 1G2	W/10.0	-0.02	18
3	RSC	987032 Ontario Inc.	2078 Pine Street, Burlington, Ontario Burlington ON L7R 1G2	WSW/19.2	-0.12	19
4	RSC	987032 Ontario Inc.	394 Martha Street, Burlington, Ontario, ON L7R 2P7	NE/44.2	0.37	19
5	RSC	987032 Ontario Inc.	388 Martha Street, Burlington, Ontario Burlington ON L7R 2P7	E/54.5	0.02	20
6	BORE		ON	SE/58.4	-0.65	20
7	GEN	Thornwood Development Group Inc.	399 Pearl St. Burlington ON L7R 2M8	SSW/59.7	-0.61	21
7	RSC	987032 Ontario Inc.	399 Pearl Street, Burlington, Ontario, ON L7R 2M8	SSW/59.7	-0.61	21
8	RSC	Mr. Stuart Scott	393 Pearl Street, Burlington, Ontario, ON L7R 2M8	SSW/65.2	-0.87	21
9	GEN	Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	SE/66.8	-0.97	22
9	GEN	Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	SE/66.8	-0.97	22
10	RSC	Mr. Stuart Scott	389 Pearl Street, Burlington, Ontario Burlington ON L7R 2M8	S/76.6	-1.17	22
11	GEN	Reichman Seniors Housing Development	392,398 Pearl Street Burlington ON L7R 2M9	SW/77.6	-0.33	23
12	RSC	Pearl & Pine St. Facility Inc.	398 PEARL ST, BURLINGTON, ON, L7R 2M9 BURLINGTON ON L7R 2M9	SW/92.7	-0.17	23
13	BORE		ON	SSW/99.1	-1.06	24
14	EHS		390 Pearl Street Burlington ON	S/105.0	-1.63	24
15	CA	1121206 ONTARIO INC.	420 PEARL STREET BURLINGTON CITY ON L7R 2N1	WSW/109.3	0.79	24
16	RSC	The Corporation of the City of Burlington	2080 Lakeshore Road, Burlington ON	SE/109.6	-1.78	25
17	BORE		ON	SSW/118.6	-1.30	25
18	CA	VILLAGE SQUARE (BURLINGTON)	2049 PINE ST., UNITS 17 & 18 BURLINGTON ON L7R 1E9	WSW/122.4	0.47	26
19	EHS		415 Elizabeth St Burlington ON L7R 2L8	WSW/133.9	0.50	26
20	BORE		ON	SSW/137.7	-0.51	26

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev Diff m	Page Number
21	RSC	Bridgewater Lakeshore Developer Inc.	2042, 2048 and 2054/2058 Lakeshore Road, Burlington ON	S/141.1	-2.15	27
22	BORE		ON	SW/143.3	-0.38	27
23	SPL	Wilderness Group<UNOFFICIAL>	APPROXIMATELY 2093 LAKESHORE BLVE, BURLINGTON<UNOFFICIAL> Burlington ON	E/143.9	-1.65	28
24	BORE		ON	N/144.1	1.03	28
25	BORE		ON	SSW/146.2	-0.70	29
26	WWIS		ON	SSE/153.2	-2.33	29
27	EHS		2042-2058 LAKESHORE ROAD BURLINGTON ON L7R 1A3	S/155.9	-2.09	30
27	GEN	2042 Lakeshore Holdings Ltd.	2042 - 2058 Lakeshore Rd Burlington ON L7R 1A3	S/155.9	-2.09	30
28	WWIS		ON	SE/156.3	-2.19	30
29	SPL	BURLINGTON HYDRO	LAKE ONTARIO OUTFALL 2047 LAKESHORE RD (AT BRANT) IN FRONT OF RIVERA TRANSFORMER BURLINGTON CITY ON L7R 1E1	S/157.8	-1.71	31
30	EHS		2042 Lakeshore Road Burlington ON	S/165.9	-2.06	31
30	GEN	Suncor Energy Products	2042 Lakeshore Road Burlington ON	S/165.9	-2.06	31
30	PRT	MARALYN WALSH	2042 LAKESHORE RD BURLINGTON ON	S/165.9	-2.06	31
31	BORE		ON	WSW/172.1	0.25	31
31	WWIS		ON	WSW/172.1	0.24	32
32	RSC	BAXTER'S WHARF INC.	399 ELIZABETH STREET, BURLINGTON, ONTARIO , L7R 2L7 ON L7R 0A4	SSW/172.4	-1.02	32
32	SPL	BURLINGTON HYDRO-ELECTRIC COMM	399 ELIZABETH STREET TRANSFORMER BURLINGTON CITY ON	SSW/172.4	-1.02	33
33	CA	ESPRESSO BAR, ROASTERY & DESSERT HOUSE L	413 ELIZABETH STREET BURLINGTON ON L7R 2L8	SW/174.7	0.01	33
34	EHS		2101 Old Lakeshore Road Burlington ON L7R 1A4	ESE/175.1	-2.22	34
35	GEN	Terratechnik Environmental	431 Martha Street burlington ON L7R 2P6	NNW/178.4	2.24	34
36	WWIS		ON	S/182.2	-2.20	34
37	GEN	Sun Mechanical	2121 Lakeshore Road Burlington ON	E/183.3	-2.08	35
38	EHS		2092 Old Lakeshore Road Burlington ON L7R 1A3	ESE/183.3	-2.25	35
39	BORE		ON	NNE/189.6	0.83	35

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev Diff m	Page Number
40	RSC	Bridgewater Lakeshore Developer Inc.	2042, 2048, 2054/2058 Lakeshore Road Burlington ON	SSE/190.2	-2.27	35
40	RSC	Bridgewater Lakeshore Developer Inc.	2042, 2048, 2054/2058 Lakeshore Road Burlington ON	SSE/190.2	-2.27	36
41	WWIS		ON	S/193.2	-2.20	36
42	WWIS		ON	S/194.2	-2.21	37
42	WWIS		ON	S/194.2	-2.21	37
43	WWIS		ON	S/195.4	-2.21	38
44	WWIS		ON	S/197.6	-2.21	38
45	GEN	2042 Lakeshore Holdings Ltd.	2048 Lakeshore Road Burlington ON	S/199.1	-2.27	39
46	EHS		2075 and 2079 James St Burlington ON	WNW/202.6	2.17	39
47	WWIS		ON	ESE/203.3	-2.27	39
48	SPL		INTERSECTION OF JAMES AND PEARL ST <UNOFFICIAL> Burlington ON	WNW/207.0	1.94	40
49	SPL	PUC	VENTURE INN PARKING LOT LAKESHORE AND ELIZABETH MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON	SSW/209.6	-2.20	40
50	BORE		ON	ENE/210.5	-2.07	40
51	EXP	MARALYN WALSH HOLDINGS LTD	2042 LAKESHORE RD BURLINGTON ON L7R 1A3	S/215.0	-2.27	41
52	WWIS		Burlington ON	SSE/219.0	-2.27	41
53	WWIS		ON	S/222.4	-2.27	42
54	CA	1298092 ONTARIO INC., TALIA'S	441 ELIZABETH STREET BURLINGTON ON L7R 2L8	W/222.9	0.67	42
55	BORE		ON	N/224.5	1.65	43
56	GEN	Harborview Halton Condo Corp.	191-445 Elizabeth St. Burlington ON L7R 2L8	W/227.4	0.92	43
57	SCT	DESKTOP TEXT & DESIGN	399 JOHN ST UNIT 310 BURLINGTON ON L7R 2K3	SW/232.3	-1.62	43
58	GEN	Gabe Radakovic	439 Martha Street Burlington ON L7R 2P6	NNW/234.0	2.83	44
59	RSC		444 Elizabeth Street and 455 John Street Burlington ON	W/244.7	0.52	44
59	RSC		444 Elizabeth Street and 455 John Street Burlington ON	W/244.7	0.52	44
59	RSC		444 Elizabeth Street and 455 John Street	W/244.7	0.52	45

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev Diff m	Page Number
			Burlington ON			
60	GEN	1536493 Ont. Inc.	391 John St Burlington ON L7R 2K3	SSW/246.5	-2.27	45
61	CA	GWL Realty Advisors Inc.	360 Torrance St Torrance Terrace Apartments Burlington ON	ENE/246.8	-1.21	45

Executive Summary: *Summary By Data Source*

BORE - Borehole

A search of the BORE database, dated 1875-Aug 2011 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	144.05	24
	ON	WSW	172.09	31
	ON	NNE	189.59	39
	ON	N	224.51	55

Lower Elevation	Address	Direction	Distance m	Map Key
	ON	SE	58.42	6
	ON	SSW	99.07	13
	ON	SSW	118.57	17
	ON	SSW	137.66	20
	ON	SW	143.35	22
	ON	SSW	146.19	25
	ON	ENE	210.55	50

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	WSW	109.28	15
VILLAGE SQUARE (BURLINGTON)	2049 PINE ST., UNITS 17 & 18 BURLINGTON ON L7R 1E9	WSW	122.45	18
ESPRESSO BAR, ROASTERY & DESSERT HOUSE L	413 ELIZABETH STREET BURLINGTON ON L7R 2L8	SW	174.73	33

Equal/Higher Elevation	Address	Direction	Distance m	Map Key
1298092 ONTARIO INC., TALIA'S	441 ELIZABETH STREET BURLINGTON ON L7R 2L8	W	222.86	54

Lower Elevation	Address	Direction	Distance m	Map Key
GWL Realty Advisors Inc.	360 Torrance St Torrance Terrace Apartments Burlington ON	ENE	246.79	61

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 2013 has found that there are 7 EHS site(s) within approximately 0.25 Kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance m	Map Key
	415 Elizabeth St Burlington ON L7R 2L8	WSW	133.95	19
	2075 and 2079 James St Burlington ON	WNW	202.57	46

Lower Elevation	Address	Direction	Distance m	Map Key
	390 Pearl Street Burlington ON	S	104.98	14
	2042-2058 LAKESHORE ROAD BURLINGTON ON L7R 1A3	S	155.85	27
	2042 Lakeshore Road Burlington ON	S	165.95	30
	2101 Old Lakeshore Road Burlington ON L7R 1A4	ESE	175.06	34
	2092 Old Lakeshore Road Burlington ON L7R 1A3	ESE	183.33	38

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Current to May 2013 has found that there are 1 EXP site(s) within approximately 0.25 Kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance m	Map Key

Lower Elevation	Address	Direction	Distance m	Map Key
MARALYN WALSH HOLDINGS LTD	2042 LAKESHORE RD BURLINGTON ON L7R 1A3	S	214.97	51

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 2013 has found that there are 12 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	NNW	178.43	35
Harborview Halton Condo Corp.	191-445 Elizabeth St. Burlington ON L7R 2L8	W	227.44	56
Gabe Radakovic	439 Martha Street Burlington ON L7R 2P6	NNW	233.99	58

Lower Elevation	Address	Direction	Distance m	Map Key
Thornwood Development Group Inc.	399 Pearl St. Burlington ON L7R 2M8	SSW	59.69	7
Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	SE	66.84	9
Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	SE	66.84	9
Reichman Seniors Housing Development	392,398 Pearl Street Burlington ON L7R 2M9	SW	77.63	11
2042 Lakeshore Holdings Ltd.	2042 - 2058 Lakeshore Rd Burlington ON L7R 1A3	S	155.85	27
Suncor Energy Products	2042 Lakeshore Road Burlington ON	S	165.95	30
Sun Mechanical	2121 Lakeshore Road Burlington ON	E	183.33	37
2042 Lakeshore Holdings Ltd.	2048 Lakeshore Road Burlington ON	S	199.11	45
1536493 Ont. Inc.	391 John St Burlington ON L7R 2K3	SSW	246.46	60

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	NNW	9.72	1

Lower Elevation	Address	Direction	Distance m	Map Key

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.25 Kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance m	Map Key

Lower Elevation	Address	Direction	Distance m	Map Key

MARALYN WALSH	2042 LAKESHORE RD BURLINGTON ON	S	165.95	30

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Feb 2014 has found that there are 16 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	NE	44.20	4
987032 Ontario Inc.	388 Martha Street, Burlington, Ontario Burlington ON L7R 2P7	E	54.47	5
	444 Elizabeth Street and 455 John Street Burlington ON	W	244.69	59
	444 Elizabeth Street and 455 John Street Burlington ON	W	244.69	59
	444 Elizabeth Street and 455 John Street Burlington ON	W	244.69	59

Lower Elevation	Address	Direction	Distance m	Map Key
987032 Ontario Inc.	2082 Pine Street, Burlington, Ontario, ON L7R 1G2	W	10.01	2
987032 Ontario Inc.	2078 Pine Street, Burlington, Ontario Burlington ON L7R 1G2	WSW	19.19	3
987032 Ontario Inc.	399 Pearl Street, Burlington, Ontario, ON L7R 2M8	SSW	59.69	7
Mr. Stuart Scott	393 Pearl Street, Burlington, Ontario, ON L7R 2M8	SSW	65.21	8
Mr. Stuart Scott	389 Pearl Street, Burlington, Ontario Burlington ON L7R 2M8	S	76.65	10
Pearl & Pine St. Facility Inc.	398 PEARL ST, BURLINGTON, ON, L7R 2M9 BURLINGTON ON L7R 2M9	SW	92.68	12
The Corporation of the City of Burlington	2080 Lakeshore Road, Burlington ON	SE	109.61	16
Bridgewater Lakeshore Developer Inc.	2042, 2048 and 2054/2058 Lakeshore Road, Burlington ON	S	141.08	21
BAXTER'S WHARF INC.	399 ELIZABETH STREET, BURLINGTON, ONTARIO , L7R 2L7 ON L7R 0A4	SSW	172.37	32
Bridgewater Lakeshore Developer Inc.	2042, 2048, 2054/2058 Lakeshore Road Burlington ON	SSE	190.24	40
Bridgewater Lakeshore Developer Inc.	2042, 2048, 2054/2058 Lakeshore Road Burlington ON	SSE	190.24	40

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011 has found that there are 1 SCT site(s) within approximately 0.25 Kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance m	Map Key

Lower Elevation	Address	Direction	Distance m	Map Key
DESKTOP TEXT & DESIGN	399 JOHN ST UNIT 310 BURLINGTON ON L7R 2K3	SW	232.33	57

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2013 has found that there are 5 SPL site(s) within approximately 0.25 Kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance m	Map Key
	INTERSECTION OF JAMES AND PEARL ST <UNOFFICIAL> Burlington ON	WNW	207.02	48

Lower Elevation	Address	Direction	Distance m	Map Key
Wilderness Group<UNOFFICIAL>	APPROXIMATELY 2093 LAKESHORE BLVE, BURLINGTON<UNOFFICIAL> Burlington ON	E	143.92	23
BURLINGTON HYDRO	LAKE ONTARIO OUTFALL 2047 LAKESHORE RD (AT BRANT) IN FRONT OF RIVERA TRANSFORMER BURLINGTON CITY ON L7R 1E1	S	157.81	29
BURLINGTON HYDRO-ELECTRIC COMM	399 ELIZABETH STREET TRANSFORMER BURLINGTON CITY ON	SSW	172.37	32
PUC	VENTURE INN PARKING LOT LAKESHORE AND ELIZABETH MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON	SSW	209.63	49

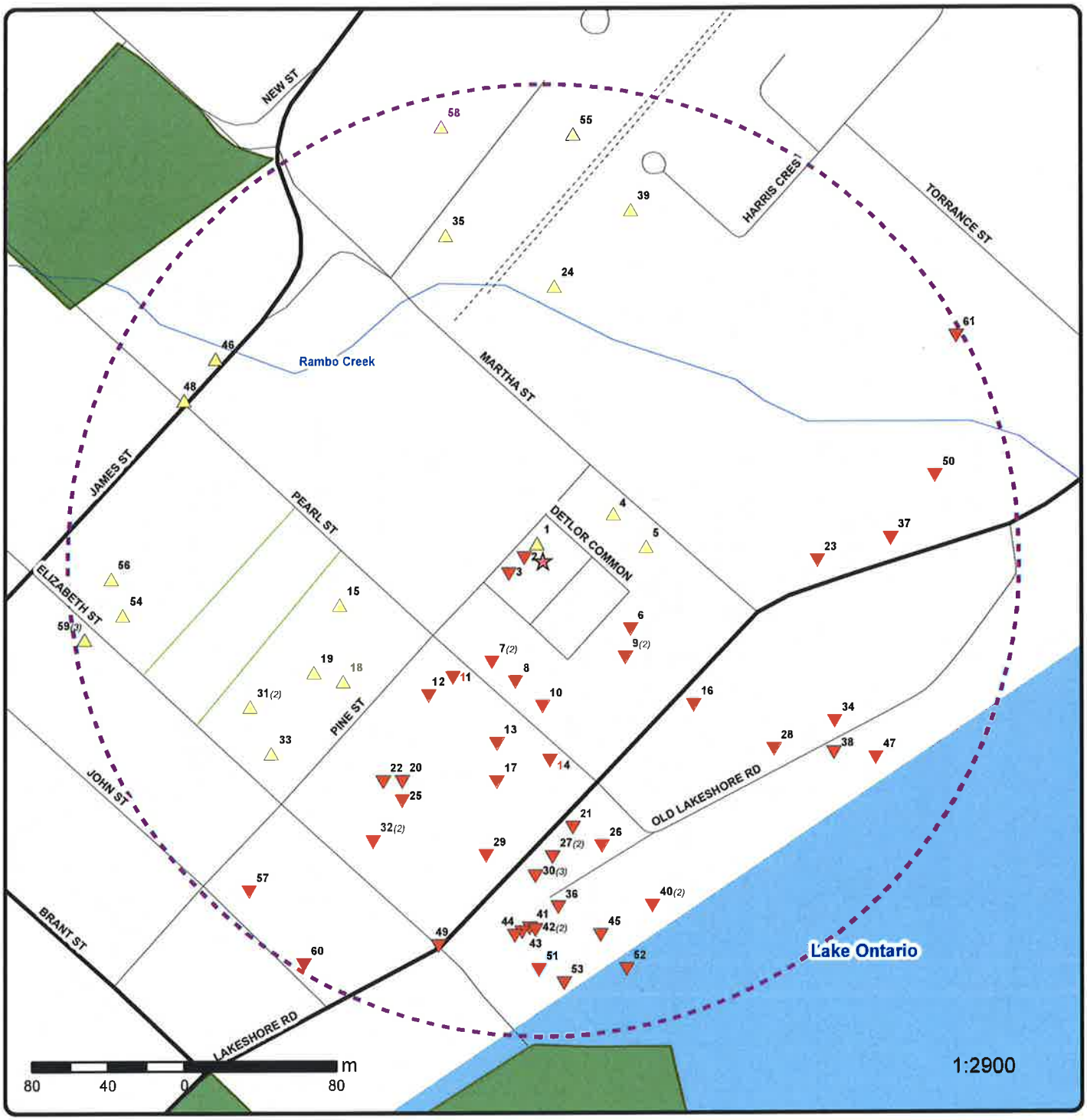
WWIS - Water Well Information System

A search of the WWIS database, dated 1955-May 2013 has found that there are 12 WWIS site(s) within approximately 0.25 Kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance m	Map Key
	ON	WSW	172.09	31

Lower Elevation	Address	Direction	Distance m	Map Key
	ON	SSE	153.21	26

ON	SE	156.32	28
ON	S	182.23	36
ON	S	193.18	41
ON	S	194.16	42
ON	S	194.16	42
ON	S	195.42	43
ON	S	197.63	44
ON	ESE	203.33	47
Burlington ON	SSE	219.05	52
ON	S	222.38	53



Map

Order No: 20140512025

Address: 2085 Pine St, Burlington, ON, L7R1G1

- 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: © 2012 DMTI Spatial Inc.

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Aerial

Order No: 20140512025

Address: 2085 Pine St, Burlington, ON, L7R1G1

Source: ESRI World Imagery, Updated December 2012

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Detail Report

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
1	1 of 1	NNW/9.7	77.2	2086 Pine St BURLINGTON ON L7R 1G2	HINC

External File Num:	FS INC 0803-01277
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:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
2	1 of 1	W/10.0	77.1	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

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

3	**1 of 1**	**WSW/19.2**	**77.0**	**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

4	**1 of 1**	**NE/44.2**	**77.5**	**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

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

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

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5 **1 of 1** **E/54.5** **77.1** **987032 Ontario Inc.** **RSC**
388 Martha Street, Burlington, Ontario
Burlington ON L7R 2P7

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

---

6 **1 of 1** **SE/58.4** **76.5** **BORE**
ON

Borehole ID:	624599	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597835.000	**Northing:**	4797783.000
Location Accuracy:		**Orig. Ground Elev m:**	82.300003
Elev. Reliability Note:		**DEM Ground Elev m:**	82.099998
Total Depth m:	3.300000	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	1935-AUG	**Static Water Level:**	
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218434542	**Top Depth m:**	0
Bottom Depth m:	2.700000	**Stratum Desc:**	UNSPECIFIED. AGE QUATERNARY.
+			
Stratum ID:	218434543	**Top Depth m:**	2.700000

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Bottom Depth m:	3.300000			**Stratum Desc:**	TILL,SILT,SAND,CLAY.BROWN,GLACIAL,STIFF, AGE GLACIAL. 00090015

7	**1 of 2**	**SSW/59.7**	**76.5**	**Thornwood Development Group Inc.** **399 Pearl St.** **Burlington ON L7R 2M8**	**GEN**

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

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

7	**2 of 2**	**SSW/59.7**	**76.5**	**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
Measurement Method: Interpolation from a map
CPU Issued Sect 1686: No

8	**1 of 1**	**SSW/65.2**	**76.2**	**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:

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
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			
9	**1 of 2**	**SE/66.8**	**76.1**	***Aviva Medical Diagnostics & Specialist Clinic Inc*** ***2079 Lakeshore Rd.*** ***Burlington ON***	**GEN**
SIC Code:		621110			
SIC Description:		Offices of Physicians			
Generator #:		ON6600220			
Approval Yrs:		2012			
9	**2 of 2**	**SE/66.8**	**76.1**	***Aviva Medical Diagnostics & Specialist Clinic Inc*** ***2079 Lakeshore Rd.*** ***Burlington ON***	**GEN**
SIC Code:					
SIC Description:					
Generator #:		ON6600220			
Approval Yrs:		As of July 2013			
10	**1 of 1**	**S/76.6**	**75.9**	***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			

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

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

11	**1 of 1**	**SW/77.6**	**76.8**	**Reichman Seniors Housing Development** **392,398 Pearl Street** **Burlington ON L7R 2M9**	**GEN**

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

12	**1 of 1**	**SW/92.7**	**76.9**	**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

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

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

13 **1 of 1** **SSW/99.1** **76.1** **ON** **BORE**

Borehole ID:	624868	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597765.000	**Northing:**	4797723.000
Location Accuracy:		**Orig. Ground Elev m:**	81.099998
Elev. Reliability Note:		**DEM Ground Elev m:**	81.599998
Total Depth m:	4.200000	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	1965-AUG	**Static Water Level:**	
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218435730	**Top Depth m:**	0
Bottom Depth m:	3.100000	**Stratum Desc:**	UNSPECIFIED. AGE QUATERNARY.
+			
Stratum ID:	218435731	**Top Depth m:**	3.100000
Bottom Depth m:	4	**Stratum Desc:**	CLAY,SILT. GREEN,SOFT,AGE GLACIAL.
+			
Stratum ID:	218435732	**Top Depth m:**	4
Bottom Depth m:	4.200000	**Stratum Desc:**	TILL,CLAY,SAND, GRAVEL. BROWN,GLACIAL,VERY SOFT, AGE GLACIAL. 0010300400130025

14 **1 of 1** **S/105.0** **75.5** **390 Pearl Street Burlington ON** **EHS**

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

15 **1 of 1** **WSW/109.3** **77.9** **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:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Client City:					
Client Postal Code:					
Project Description:		COMMERCIAL KITCHEN EXHAUST SYSTEM			
Contaminants:		Odour/Fumes			
Emission Control:		No Controls			

16	**1 of 1**	**SE/109.6**	**75.3**	**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:	
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:	

17	**1 of 1**	**SSW/118.6**	**75.8**	**ON**	**BORE**

Borehole ID:	624867	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597765.000	**Northing:**	4797703.000
Location Accuracy:		**Orig. Ground Elev m:**	80.500000
Elev. Reliability Note:		**DEM Ground Elev m:**	81.199997
Total Depth m:	3.300000	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	1965-AUG	**Static Water Level:**	
Primary Water Use:	Not Used	**Sec. Water Use:**	
--- Details ---			
Stratum ID:	218435728	**Top Depth m:**	0
Bottom Depth m:	2.700000	**Stratum Desc:**	UNSPECIFIED. AGE QUATERNARY.
+			
Stratum ID:	218435729	**Top Depth m:**	2.700000

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Bottom Depth m:	3.300000			**Stratum Desc:**	TILL,SILT,SAND,CLAY,BROWN,GLACIAL,VERY SOFT, AGE GLACIAL. 00090015

18	**1 of 1**	**WSW/122.4**	**77.6**	**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:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	COMMERCIAL KITCHEN EXHAUST EQUIPMENT
Contaminants:	Odour/Fumes
Emission Control:	Panel Filter

19	**1 of 1**	**WSW/133.9**	**77.6**	**415 Elizabeth St Burlington ON L7R 2L8**	**EHS**

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

20	**1 of 1**	**SSW/137.7**	**76.6**	**ON**	**BORE**

Borehole ID:	622393	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597715.000	**Northing:**	4797703.000
Location Accuracy:		**Orig. Ground Elev m:**	83.800003
Elev. Reliability Note:		**DEM Ground Elev m:**	82.199997
Total Depth m:	4.600000	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	1970-SEP	**Static Water Level:**	
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218425412	**Top Depth m:**	0
Bottom Depth m:	2.400000	**Stratum Desc:**	FILL,SILT,SAND, ORGANIC. MAN-MADE,COMPACT,UNIFORM, AGE POST-GLACIAL.
+			
Stratum ID:	218425413	**Top Depth m:**	2.400000
Bottom Depth m:	4.600000	**Stratum Desc:**	TILL,SILT. BROWN,GLACIAL,VERY

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

DENSE, UNIFORM,AGE GLACIAL.

+

Stratum ID:	218425414	**Top Depth m:**	4.600000
Bottom Depth m:	4.600000	**Stratum Desc:**	BEDROCK,SHALE. AGE UNDIFFERENTIATED. 000000120008008500093

---

21 **1 of 1** **S/141.1** **75.0** **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:	

---

22 **1 of 1** **SW/143.3** **76.7** **ON** **BORE**

Borehole ID:	622392	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597705.000	**Northing:**	4797703.000
Location Accuracy:		**Orig. Ground Elev m:**	83.800003
Elev. Reliability Note:		**DEM Ground Elev m:**	82.400002
Total Depth m:	4.600000	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	1970-SEP	**Static Water Level:**	
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218425409	**Top Depth m:**	0
Bottom Depth m:	2.100000	**Stratum Desc:**	FILL,SAND,SILT, ORGANIC. MAN-MADE,COMPACT,UNIFORM, AGE POST-GLACIAL.

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
+					
Stratum ID:	218425410			**Top Depth m:**	2.100000
Bottom Depth m:	4.600000			**Stratum Desc:**	TILL,SILT. BROWN,GLACIAL,VERY DENSE, UNIFORM,AGE GLACIAL.
+					
Stratum ID:	218425411			**Top Depth m:**	4.600000
Bottom Depth m:	4.600000			**Stratum Desc:**	BEDROCK,SHALE. AGE UNDIFFERENTIATED. 000000120007016400125

23	**1 of 1**	**E/143.9**	**75.5**	**Wilderness Group<UNOFFICIAL> APPROXIMATELY 2093 LAKESHORE BLVE, BURLINGTON<UNOFFICIAL> Burlington ON**	**SPL**

Ref No.:	1200-6PRR2L
Incident Dt:	5/13/2006
MOE Reported Dt:	5/13/2006
Contaminant Name:	HYDRAULIC OIL
Contaminant Quantity:	20 L
Incident Summary:	Wilderness Group: ~20 L hydraulic oil to pavement & grass
Incident Cause:	Pipe Or Hose Leak
Incident Reason:	
Nature of Impact:	Soil Contamination
Receiving Medium:	Land
Environmental Impact:	Possible

24	**1 of 1**	**N/144.1**	**78.1**	**ON**	**BORE**

Borehole ID:	622281	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597795.000	**Northing:**	4797963.000
Location Accuracy:		**Orig. Ground Elev m:**	82.300003
Elev. Reliability Note:		**DEM Ground Elev m:**	79.900002
Total Depth m:	9.100000	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	1970-NOV	**Static Water Level:**	
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218425028	**Top Depth m:**	0
Bottom Depth m:	0.900000	**Stratum Desc:**	FILL,SILT,SAND, GRAVEL. BROWN,MAN-MADE,LOOSE, AGE POST-GLACIAL.
+			
Stratum ID:	218425029	**Top Depth m:**	0.900000
Bottom Depth m:	1.700000	**Stratum Desc:**	SILT,SAND,CLAY. BROWN,DENSE,AGE GLACIAL.
+			
Stratum ID:	218425030	**Top Depth m:**	1.700000
Bottom Depth m:	9.100000	**Stratum Desc:**	SILT,CLAY,SHALE. BROWN,DENSE,AGE GLACIAL.

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
					00000007000300750005607O

25 **1 of 1** **SSW/146.2** **76.4** **ON** **BORE**

Borehole ID:	622391	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597715.000	**Northing:**	4797693.000
Location Accuracy:		**Orig. Ground Elev m:**	83.800003
Elev. Reliability Note:		**DEM Ground Elev m:**	82.099998
Total Depth m:	-999.000000	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	1970-SEP	**Static Water Level:**	
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218425406	**Top Depth m:**	0
Bottom Depth m:	2.700000	**Stratum Desc:**	FILL,SILT,CLAY, CONCRETE. MAN-MADE,VERY LOOSE, AGE POST-GLACIAL.
+			
Stratum ID:	218425407	**Top Depth m:**	2.700000
Bottom Depth m:	4.400000	**Stratum Desc:**	TILL,SILT. BROWN,GLACIAL,VERY DENSE, UNIFORM,AGE GLACIAL.
+			
Stratum ID:	218425408	**Top Depth m:**	4.400000
Bottom Depth m:		**Stratum Desc:**	REFUSAL OF ENTRY. 00000001000901050010SE

26 **1 of 1** **SSE/153.2** **74.8** **ON** **WWIS**

Well ID:	7147293	**Lot:**	
Concession:		**Concession Name:**	
County:	HALTON	**Municipality:**	BURLINGTON
Easting Nad83:	597820	**Northing Nad83:**	4797669
Zone:	17	**Utm Reliability:**	margin of error : 10 - 30 m,margin of error : 30 m - 100 m
Primary Water Use:	Monitoring	**Construction Date:**	02-MAY-10
Sec. Water Use:		**Well Depth:**	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:**	PLASTIC

--- Details ---

Thickness:	2 m	**Original Depth:**	2 m
Material Colour:	BROWN	**Material:**	FILL, , SOFT

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

+			
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

27 **1 of 2** **S/155.9** **75.0** **2042-2058 LAKESHORE ROAD BURLINGTON ON L7R 1A3** **EHS**

Order No.:	20090316007
Report Date:	3/24/2009
Report Type:	Custom Report
Search Radius (km):	0.25
Addit. Info Ordered:	

27 **2 of 2** **S/155.9** **75.0** **2042 Lakeshore Holdings Ltd. 2042 - 2058 Lakeshore Rd Burlington ON L7R 1A3** **GEN**

SIC Code:	531310
SIC Description:	Real Estate Property Managers
Generator #:	ON5299651
Approval Yrs:	04

28 **1 of 1** **SE/156.3** **74.9** **ON** **WWIS**

Well ID:	2810677	**Lot:**	
Concession:		**Concession Name:**	
County:	HALTON	**Municipality:**	BURLINGTON
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:**	PLASTIC

--- 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
29	1 of 1	S/157.8	75.4	BURLINGTON HYDRO LAKE ONTARIO OUTFALL 2047 LAKESHORE RD (AT BRANT) IN FRONT OF RIVERA TRANSFORMER BURLINGTON CITY ON L7R 1E1	SPL

Ref No.:	199012
Incident Dt:	4/24/2001
MOE Reported Dt:	4/24/2001
Contaminant Name:	
Contaminant Quantity:	
Incident Summary:	BURLINGTON HYDRO: SPILL OF POS. PCB TRANS. OIL TOGROUND, C/B-WORKS/HYDRO.
Incident Cause:	OTHER CONTAINER LEAK
Incident Reason:	STORM, FLOOD
Nature of Impact:	Multi Media Pollution
Receiving Medium:	Land, Water
Environmental Impact:	Possible

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
30	1 of 3	S/165.9	75.1	2042 Lakeshore Road Burlington ON	EHS

Order No.:	20120619011
Report Date:	27-JUN-12
Report Type:	Standard Report
Search Radius (km):	.25
Addit. Info Ordered:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
30	2 of 3	S/165.9	75.1	Suncor Energy Products 2042 Lakeshore Road Burlington ON	GEN

SIC Code:	
SIC Description:	
Generator #:	ON3072555
Approval Yrs:	As of July 2013

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
30	3 of 3	S/165.9	75.1	MARALYN WALSH 2042 LAKESHORE RD BURLINGTON ON	PRT

Location ID:	2446
Type:	retail
Expiry Date:	1991-02-28
Capacity (L):	28949
Licence #:	0053216001

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
31	1 of 2	WSW/172.1	77.4	ON	BORE

Borehole ID:	622677	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Power auger	UTM Zone:	17
Easting:	597635.000	Northing:	4797743.000
Location Accuracy:		Orig. Ground Elev m:	88.400002

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

Elev. Reliability Note:		**DEM Ground Elev m:**	84.099998
Total Depth m:	4.700000	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	1967-FEB	**Static Water Level:**	
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218426652	**Top Depth m:**	0
Bottom Depth m:	3.400000	**Stratum Desc:**	SILT,CLAY,SAND MEDIUM. BROWN,VERY HARD,UNIFORM, AGE GLACIAL.
+			
Stratum ID:	218426653	**Top Depth m:**	3.400000
Bottom Depth m:	4.700000	**Stratum Desc:**	SILT,CLAY,GRAVEL. GREEN,VERY HARD,UNIFORM, AGE GLACIAL. 012 012 0000010200110

31	**2 of 2**	**WSW/172.1**	**77.4**	**ON**	**WWIS**

Well ID:	2810067	**Lot:**	
Concession:		**Concession Name:**	BB
County:	HALTON	**Municipality:**	BURLINGTON
Easting Nad83:	597635	**Northing Nad83:**	4797742
Zone:	17	**Utm Reliability:**	margin of error : 10 - 30 m
Primary Water Use:		**Construction Date:**	08-OCT-04
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):	84.11	**Elevation Reliability:**	
Depth to Bedrock:	13	**Overburden/Bedrock:**	Bedrock
Water Type:		**Casing Material:**	PLASTIC

--- 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

32	**1 of 2**	**SSW/172.4**	**76.1**	**BAXTER'S WHARF INC. 399 ELIZABETH STREET, BURLINGTON, ONTARIO , L7R 2L7 ON L7R 0A4**	**RSC**

Date Submitted:	8-Feb-05
Date Acknowledg.:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Date Returned:					
Certification Date:		15-Jul-04			
Soil Type:					
Restoration Type:					
Registration #:		1311			
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 Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use			
Legal Description:		LOT 2, BLOCK O, COMPILED PLAN PL92, LOT 3, BLOCK O, COMPILED PLAN PL92, PART LOT 1, BLOCK O, COMPILED PLAN PL92, PART LOT 4, BLOCK O, COMPILED PLAN PL92, AND PART LOT 5, BLOCK O, COMPILED PLAN PL92, DESIGNATED AS PART 1 ON REFERENCE PLAN 20R-7161, CITY OF BURLINGTON, REGIONAL MUNICIPALITY OF HALTON, LAND REGISTRY OFFICE FOR THE LAND TITLES DIVISION OF HALTON (No. 20)			
Prop. Identification #:					
Entire legal prop. (y/n):		Yes			
UTM Coordinates:		NAD83 17-597700-4797700			
Latitude & Longitude:		43.32579670N 79.79496890W (converted from UTM)			
Accuracy Estimate:		501 to 1,000 meters			
Measurement Method:		Interpolation from a map			
CPU Issued Sect 1686:		No			

32	2 of 2	SSW/172.4	76.1	BURLINGTON HYDRO-ELECTRIC COMM 399 ELIZABETH STREET TRANSFORMER BURLINGTON CITY ON	SPL
Ref No.:		71095			
Incident Dt:		5/23/1992			
MOE Reported Dt:		5/23/1992			
Contaminant Name:					
Contaminant Quantity:					
Incident Summary:		BURLINGTON HYDRO:	10 L TRANSFORMER OIL TO GROUND		
Incident Cause:		COOLING SYSTEM LEAK			
Incident Reason:		GASKET/JOINT			
Nature of Impact:					
Receiving Medium:		LAND			
Environmental Impact:		NOT ANTICIPATED			

33	1 of 1	SW/174.7	77.1	ESPRESSO BAR, ROASTERY & DESSERT HOUSE L 413 ELIZABETH STREET BURLINGTON ON L7R 2L8	CA
Certificate #:		8-3173-98-			
Application Year:		98			
Issue Date:		4/21/1998			
Approval Type:		Industrial air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					

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

Project Description: COMMERCIAL KITCHEN EXHAUST HOOD
Contaminants: Odour/Fumes
Emission Control: Mist Eliminator,

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34 | **1 of 1** | **ESE/175.1** | **74.9** | **2101 Old Lakeshore Road Burlington ON L7R 1A4** | **EHS**

Order No.: 20120910002
Report Date: 14-SEP-12
Report Type: Custom Report
Search Radius (km): .25
Addit. Info Ordered:

---

35 | **1 of 1** | **NNW/178.4** | **79.4** | **Terratechnik Environmental 431 Martha Street burlington ON L7R 2P6** | **GEN**

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

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

---

36 | **1 of 1** | **S/182.2** | **74.9** | **ON** | **WWIS**

Well ID:	7122728	**Lot:**	
Concession:		**Concession Name:**	
County:	HALTON	**Municipality:**	BURLINGTON
Easting Nad83:	597797	**Northing Nad83:**	4797637
Zone:	17	**Utm Reliability:**	margin of error : 30 m - 100 m
Primary Water Use:	Test Hole	**Construction Date:**	26-MAR-09
Sec. Water Use:	Monitoring	**Well Depth:**	6 ft
Pump Rate:		**Static Water Level:**	
Flow Rate:		**Clear/Cloudy:**	
Specific Capacity:		**Final Well Status:**	Observation Wells
Construction Method:	Direct Push	**Flowing (y/n):**	
Elevation (m):	81.72	**Elevation Reliability:**	
Depth to Bedrock:		**Overburden/Bedrock:**	
Water Type:		**Casing Material:**	PLASTIC

--- Details ---

Thickness:	6 ft	**Original Depth:**	6 ft
Material Colour:	BROWN	**Material:**	SAND, FILL, LOOSE
+			
Thickness:	5 ft	**Original Depth:**	11 ft
Material Colour:	GREY	**Material:**	CLAY, TILL, DENSE

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
37	1 of 1	E/183.3	75.0	Sun Mechanical 2121 Lakeshore Road Burlington ON	GEN

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

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
38	1 of 1	ESE/183.3	74.9	2092 Old Lakeshore Road Burlington ON L7R 1A3	EHS

Order No.:	20080501010
Report Date:	5/9/2008
Report Type:	Complete Report
Search Radius (km):	0.25
Addit. Info Ordered:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
39	1 of 1	NNE/189.6	77.9	ON	BORE

Borehole ID:	622282	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Power auger	UTM Zone:	17
Easting:	597835.000	Northing:	4798003.000
Location Accuracy:		Orig. Ground Elev m:	84.699997
Elev. Reliability Note:		DEM Ground Elev m:	83.800003
Total Depth m:	6.100000	Primary Name:	
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	1970-NOV	Static Water Level:	
Primary Water Use:	Not Used	Sec. Water Use:	

--- Details ---

Stratum ID:	218425031	Top Depth m:	0
Bottom Depth m:	0.900000	Stratum Desc:	FILL,SAND,SILT, GRAVEL. BROWN,MAN-MADE,LOOSE, AGE POST-GLACIAL.
+			
Stratum ID:	218425032	Top Depth m:	0.900000
Bottom Depth m:	2.100000	Stratum Desc:	SILT,SAND,CLAY. BROWN,DENSE,AGE GLACIAL.
+			
Stratum ID:	218425033	Top Depth m:	2.100000
Bottom Depth m:	6.100000	Stratum Desc:	SILT,CLAY,SHALE. BROWN,AGE GLACIAL. 00000004000300560007007560 70

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
40	1 of 2	SSE/190.2	74.8	Bridgewater Lakeshore Developer Inc. 2042, 2048, 2054/2058 Lakeshore Road Burlington ON	RSC

Date Submitted:	2013-08-08

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Date Acknowledg.:					
Date Returned:					
Certification Date:					
Soil Type:					
Restoration Type:					
Registration #:		209314			
Stratified (Y/N):					
Criteria:					
Consultant:					
District Office:		Burlington			
Intended Prop Use:		Parkland			
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:					
40	**2 of 2**	**SSE/190.2**	**74.8**	**Bridgewater Lakeshore Developer Inc. 2042, 2048, 2054/2058 Lakeshore Road Burlington ON**	**RSC**
Date Submitted:		2013-08-23			
Date Acknowledg.:					
Date Returned:					
Certification Date:					
Soil Type:					
Restoration Type:					
Registration #:		209751			
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:					
41	**1 of 1**	**S/193.2**	**74.9**	**ON**	**WWIS**
Well ID:	2809958			Lot:	
Concession:				Concession Name:	

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

County:	HALTON	**Municipality:**	BURLINGTON
Easting Nad83:	597782	**Northing Nad83:**	4797626
Zone:	17	**Utm Reliability:**	margin of error : 100 m - 300 m
Primary Water Use:	Not Used	**Construction Date:**	04-MAY-04
Sec. Water Use:		**Well Depth:**	5 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):	81.82	**Elevation Reliability:**	
Depth to Bedrock:		**Overburden/Bedrock:**	Overburden
Water Type:	FRESH	**Casing Material:**	PLASTIC

--- Details ---

Thickness:	3 m	**Original Depth:**	3 m
Material Colour:	BROWN	**Material:**	SAND, FILL
+			
Thickness:	2 m	**Original Depth:**	5 m
Material Colour:	GREY	**Material:**	SAND, WEATHERED

42 **1 of 2** **S/194.2** **74.9** **ON** **WWIS**

Well ID:	2810175	**Lot:**	
Concession:		**Concession Name:**	
County:	HALTON	**Municipality:**	BURLINGTON
Easting Nad83:	597785	**Northing Nad83:**	4797625
Zone:	17	**Utm Reliability:**	
Primary Water Use:		**Construction Date:**	03-FEB-05
Sec. Water Use:		**Well Depth:**	3.5 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):	81.88	**Elevation Reliability:**	
Depth to Bedrock:	10	**Overburden/Bedrock:**	Bedrock
Water Type:	FRESH	**Casing Material:**	PLASTIC

--- Details ---

Thickness:	3 m	**Original Depth:**	3 m
Material Colour:	BROWN	**Material:**	SILT, SAND, FILL
+			
Thickness:	.5 m	**Original Depth:**	3.5 m
Material Colour:	RED	**Material:**	SHALE

42 **2 of 2** **S/194.2** **74.9** **ON** **WWIS**

Well ID:	2810279	**Lot:**	
Concession:		**Concession Name:**	
County:	HALTON	**Municipality:**	BURLINGTON

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

Easting Nad83:	597785			**Northing Nad83:**	4797625
Zone:	17			**Utm Reliability:**	
Primary Water Use:	Not Used			**Construction Date:**	02-JUN-05
Sec. Water Use:				**Well Depth:**	
Pump Rate:				**Static Water Level:**	
Flow Rate:				**Clear/Cloudy:**	
Specific Capacity:				**Final Well Status:**	Abandoned-Other
Construction Method:	Boring			**Flowing (y/n):**	
Elevation (m):	81.88			**Elevation Reliability:**	
Depth to Bedrock:				**Overburden/Bedrock:**	No formation data
Water Type:	FRESH			**Casing Material:**	

43	**1 of 1**	**S/195.4**	**74.9**	**ON**	**WWIS**

Well ID:	7181460	**Lot:**	
Concession:		**Concession Name:**	
County:	HALTON	**Municipality:**	BURLINGTON
Easting Nad83:	597778	**Northing Nad83:**	4797624
Zone:	17	**Utm Reliability:**	margin of error : 30 m - 100 m
Primary Water Use:		**Construction Date:**	08-MAY-12
Sec. Water Use:		**Well Depth:**	
Pump Rate:		**Static Water Level:**	
Flow Rate:		**Clear/Cloudy:**	
Specific Capacity:		**Final Well Status:**	
Construction Method:		**Flowing (y/n):**	
Elevation (m):		**Elevation Reliability:**	
Depth to Bedrock:		**Overburden/Bedrock:**	
Water Type:		**Casing Material:**	

44	**1 of 1**	**S/197.6**	**74.9**	**ON**	**WWIS**

Well ID:	7122727	**Lot:**	
Concession:		**Concession Name:**	
County:	HALTON	**Municipality:**	BURLINGTON
Easting Nad83:	597774	**Northing Nad83:**	4797622
Zone:	17	**Utm Reliability:**	margin of error : 10 - 30 m
Primary Water Use:	Test Hole	**Construction Date:**	26-MAR-09
Sec. Water Use:	Monitoring	**Well Depth:**	6 ft
Pump Rate:		**Static Water Level:**	
Flow Rate:		**Clear/Cloudy:**	
Specific Capacity:		**Final Well Status:**	Observation Wells
Construction Method:	Direct Push	**Flowing (y/n):**	
Elevation (m):	81.76	**Elevation Reliability:**	
Depth to Bedrock:		**Overburden/Bedrock:**	
Water Type:		**Casing Material:**	PLASTIC

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

--- Details ---			
Thickness:	6 ft	**Original Depth:**	6 ft
Material Colour:	BROWN	**Material:**	SAND, GRAVEL, LOOSE
+			
Thickness:	4 ft	**Original Depth:**	10 ft
Material Colour:	GREY	**Material:**	CLAY, TILL, DENSE

45	**1 of 1**	**S/199.1**	**74.8**	**2042 Lakeshore Holdings Ltd.** **2048 Lakeshore Road** **Burlington ON**	**GEN**

SIC Code:	531390
SIC Description:	Other Activities Related to Real Estate
Generator #:	ON2853854
Approval Yrs:	2012

46	**1 of 1**	**WNW/202.6**	**79.3**	**2075 and 2079 James St** **Burlington ON**	**EHS**

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

47	**1 of 1**	**ESE/203.3**	**74.8**	**ON**	**WWIS**

Well ID:	7107069	**Lot:**	
Concession:		**Concession Name:**	
County:	HALTON	**Municipality:**	BURLINGTON
Easting Nad83:	597964	**Northing Nad83:**	4797715
Zone:	17	**Utm Reliability:**	margin of error : 10 - 30 m
Primary Water Use:	Monitoring	**Construction Date:**	22-MAY-08
Sec. Water Use:		**Well Depth:**	9.1 m
Pump Rate:		**Static Water Level:**	
Flow Rate:		**Clear/Cloudy:**	
Specific Capacity:		**Final Well Status:**	Test Hole
Construction Method:	Auger	**Flowing (y/n):**	
Elevation (m):	81.3	**Elevation Reliability:**	
Depth to Bedrock:		**Overburden/Bedrock:**	
Water Type:		**Casing Material:**	PLASTIC

--- Details ---			
Thickness:	3 m	**Original Depth:**	3 m
Material Colour:	BROWN	**Material:**	SAND, SILT, CLAY
+			
Thickness:	1.2 m	**Original Depth:**	4.2 m
Material Colour:	RED	**Material:**	CLAY, SILT, SAND
+			
Thickness:	4.9 m	**Original Depth:**	9.1 m

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Material Colour:	RED			Material:	SHALE, LIMESTONE, WEATHERED

48 **1 of 1** **WNW/207.0** **79.1** **INTERSECTION OF JAMES AND PEARL ST <UNOFFICIAL> Burlington ON** **SPL**

Ref No.:	4322-5ZHS6J
Incident Dt:	5/31/2004
MOE Reported Dt:	5/31/2004
Contaminant Name:	GASOLINE
Contaminant Quantity:	76 L
Incident Summary:	Burlington-20 gal of gasoline to storm sewer.
Incident Cause:	Other Discharges
Incident Reason:	Unknown - Reason not determined
Nature of Impact:	
Receiving Medium:	Water
Environmental Impact:	Possible

49 **1 of 1** **SSW/209.6** **74.9** **PUC VENTURE INN PARKING LOT LAKESHORE AND ELIZABETH MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON** **SPL**

Ref No.:	43204
Incident Dt:	11/9/1990
MOE Reported Dt:	11/9/1990
Contaminant Name:	
Contaminant Quantity:	
Incident Summary:	BURLINGTON PUC VEHICLE- 8 L HYDRAULIC OIL TO PARKING LOT.
Incident Cause:	PIPE/HOSE LEAK
Incident Reason:	OVERSTRESS/OVERPRESSURE
Nature of Impact:	Soil contamination
Receiving Medium:	LAND
Environmental Impact:	POSSIBLE

50 **1 of 1** **ENE/210.5** **75.0** **ON** **BORE**

Borehole ID:	621665	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Power auger	UTM Zone:	17
Easting:	597995.000	Northing:	4797863.000
Location Accuracy:		Orig. Ground Elev m:	80.800003
Elev. Reliability Note:		DEM Ground Elev m:	78.199997
Total Depth m:	7.700000	Primary Name:	
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	1970-NOV	Static Water Level:	
Primary Water Use:	Not Used	Sec. Water Use:	

--- Details ---

Stratum ID:	218421907	Top Depth m:	0
Bottom Depth m:	0.600000	Stratum Desc:	SOIL,SAND. BROWN,SURFACE, AGE

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
				POST-GLACIAL.	
+					
Stratum ID:	218421908		**Top Depth m:**	0.600000	
Bottom Depth m:	3		**Stratum Desc:**	SILT,SAND,CLAY. BROWN,VERY DENSE,AGE GLACIAL.	
+					
Stratum ID:	218421909		**Top Depth m:**	3	
Bottom Depth m:	7.700000		**Stratum Desc:**	SILT,CLAY,SHALE. BROWN,HARD,LAMINATED, AGE GLACIAL. 000200830010042000040	
51	**1 of 1**	**S/215.0**	**74.8**	**MARALYN WALSH HOLDINGS LTD** **2042 LAKESHORE RD** **BURLINGTON ON L7R 1A3**	**EXP**
Instance ID:					
TSSA Program Area:					
Maximum Hazard Rank:					
Instance Number:	9754136				
Instance Type:	FS Facility				
Status:	EXPIRED				
Description:					
52	**1 of 1**	**SSE/219.0**	**74.8**		**WWIS**
				Burlington ON	
Well ID:	7047892		**Lot:**		
Concession:			**Concession Name:**		
County:	HALTON		**Municipality:**	BURLINGTON	
Easting Nad83:			**Northing Nad83:**		
Zone:			**Utm Reliability:**	margin of error : 10 - 30 m	
Primary Water Use:	Monitoring		**Construction Date:**	11-JUL-07	
Sec. Water Use:			**Well Depth:**	3.35 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):			**Elevation Reliability:**		
Depth to Bedrock:			**Overburden/Bedrock:**		
Water Type:			**Casing Material:**		
--- Details ---					
Thickness:	1.22 m		**Original Depth:**	1.22 m	
Material Colour:	BROWN		**Material:**	SAND, CLAY, LOOSE	
+					
Thickness:	.46 m		**Original Depth:**	1.68 m	
Material Colour:	GREY		**Material:**	LIMESTONE, SAND, HARD	
+					
Thickness:	1.67 m		**Original Depth:**	3.35 m	
Material Colour:	RED		**Material:**	SHALE, SOFT, WATER-BEARING	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
53	1 of 1	S/222.4	74.8	ON	WWIS

Well ID:	2810472	**Lot:**	
Concession:		**Concession Name:**	
County:	HALTON	**Municipality:**	BURLINGTON
Easting Nad83:	597800	**Northing Nad83:**	4797597
Zone:	17	**Utm Reliability:**	margin of error : 10 - 30 m
Primary Water Use:		**Construction Date:**	30-JUL-04
Sec. Water Use:		**Well Depth:**	4.6 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):	81.16	**Elevation Reliability:**	
Depth to Bedrock:	14	**Overburden/Bedrock:**	Bedrock
Water Type:		**Casing Material:**	PLASTIC

--- Details ---

Thickness:	.8 m	**Original Depth:**	.8 m
Material Colour:	BLUE	**Material:**	FILL, SILT, SAND
+			
Thickness:	.4 m	**Original Depth:**	1.2 m
Material Colour:	BROWN	**Material:**	SILT, SAND
+			
Thickness:	.8 m	**Original Depth:**	2 m
Material Colour:	BROWN	**Material:**	SILT, SAND
+			
Thickness:	.7 m	**Original Depth:**	2.7 m
Material Colour:	GREY	**Material:**	SILT, CLAY
+			
Thickness:	.8 m	**Original Depth:**	3.5 m
Material Colour:	RED	**Material:**	SILT, CLAY, TILL
+			
Thickness:	.8 m	**Original Depth:**	4.3 m
Material Colour:	RED	**Material:**	SILT, CLAY, TILL
+			
Thickness:	.3 m	**Original Depth:**	4.6 m
Material Colour:	RED	**Material:**	SHALE, FRACTURED, DRY

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
54	1 of 1	W/222.9	77.8	1298092 ONTARIO INC., TALIA'S 441 ELIZABETH STREET BURLINGTON ON L7R 2L8	CA

Certificate #:	8-3477-98-98
Application Year:	
Issue Date:	10/5/1998
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Client Postal Code:					
Project Description:		COMMERCIAL KITCHEN EXHAUST EQUIPMENT			
Contaminants:		Odour/Fumes			
Emission Control:		Panel Filter			

55	**1 of 1**	**N/224.5**	**78.8**	**ON**	**BORE**

Borehole ID:	622283	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Power auger	**UTM Zone:**	17
Easting:	597805.000	**Northing:**	4798043.000
Location Accuracy:		**Orig. Ground Elev m:**	85.300003
Elev. Reliability Note:		**DEM Ground Elev m:**	85.800003
Total Depth m:	-999.000000	**Primary Name:**	
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	1970-NOV	**Static Water Level:**	
Primary Water Use:	Not Used	**Sec. Water Use:**	

--- Details ---

Stratum ID:	218425034	**Top Depth m:**	0
Bottom Depth m:	0.300000	**Stratum Desc:**	SOIL,SAND. BROWN,AGE POST-GLACIAL.
+			
Stratum ID:	218425035	**Top Depth m:**	0.300000
Bottom Depth m:	1.800000	**Stratum Desc:**	SILT,CLAY,SHALE. BROWN,DENSE,AGE GLACIAL.
+			
Stratum ID:	218425036	**Top Depth m:**	1.800000
Bottom Depth m:	8.700000	**Stratum Desc:**	SILT,CLAY,SHALE. BROWN,VERY DENSE,AGE GLACIAL.
+			
Stratum ID:	218425037	**Top Depth m:**	8.700000
Bottom Depth m:		**Stratum Desc:**	REFUSAL OF ENTRY. 00010020000600300000006070

56	**1 of 1**	**W/227.4**	**78.0**	**Harborview Halton Condo Corp. 191-445 Elizabeth St. Burlington ON L7R 2L8**	**GEN**

SIC Code:	551113
SIC Description:	
Generator #:	ON4622573
Approval Yrs:	2011

57	**1 of 1**	**SW/232.3**	**75.5**	**DESKTOP TEXT & DESIGN 399 JOHN ST UNIT 310 BURLINGTON ON L7R 2K3**	**SCT**

Established:	0000
Plant Size (ft²):	0
Employment:	1

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
--- Details ---					
SIC/NAICS Code:		2741			
Description:		MISCELLANEOUS PUBLISHING			
58	1 of 1	NNW/234.0	79.9	Gabe Radakovic 439 Martha Street Burlington ON L7R 2P6	GEN
SIC Code:		531310			
SIC Description:		Real Estate Property Managers			
Generator #:		ON5820783			
Approval Yrs:		2009			
--- Details ---					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
59	1 of 3	W/244.7	77.6	444 Elizabeth Street and 455 John Street Burlington ON	RSC
Date Submitted:		Nov.24, 1997			
Date Acknowledg.:		Dec. 1, 1997			
Date Returned:					
Certification Date:					
Soil Type:					
Restoration Type:					
Registration #:					
Stratified (Y/N):					
Criteria:					
Consultant:					
District Office:		Burlington			
Intended Prop Use:					
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:					
59	2 of 3	W/244.7	77.6	444 Elizabeth Street and 455 John Street Burlington ON	RSC
Date Submitted:		Sept.20, 1997			
Date Acknowledg.:					
Date Returned:		Sept. 30, 1997			
Certification Date:					
Soil Type:					
Restoration Type:					
Registration #:					
Stratified (Y/N):					
Criteria:					
Consultant:					
District Office:		Burlington			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Intended Prop Use:					
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:					
59	**3 of 3**	**W/244.7**	**77.6**	**444 Elizabeth Street and 455 John Street Burlington ON**	**RSC**
Date Submitted:		Oct.31, 1997			
Date Acknowledg.:					
Date Returned:		Nov. 11, 1997			
Certification Date:					
Soil Type:					
Restoration Type:					
Registration #:					
Stratified (Y/N):					
Criteria:					
Consultant:					
District Office:		Burlington			
Intended Prop Use:					
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:					
60	**1 of 1**	**SSW/246.5**	**74.8**	**1536493 Ont. Inc. 391 John St Burlington ON L7R 2K3**	**GEN**
SIC Code:		453999			
SIC Description:		All Other Miscellaneous Store Retailers (except Beer and Wine-Making Supplies Stores)			
Generator #:		ON8545477			
Approval Yrs:		04			
61	**1 of 1**	**ENE/246.8**	**75.9**	**GWL Realty Advisors Inc. 360 Torrance St Torrance Terrace Apartments Burlington ON**	**CA**
Certificate #:		4977-7K9LB5			
Application Year:		2008			

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

Unplottable Summary

DB	Company Name/Site Name	Address	City	Zip
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	Suncor Energy Products Inc.		Burlington ON	
CA	REG.MUN.OF HALTON	ELIZABETH ST.	BURLINGTON ON	
CA	R.M. OF HALTON - HALTON HILLS LAKEVIEW	LAKEVIEW SEW.PS/ELIZABETH DR.	HALTON HILLS TOWN ON	
CA	The Regional Municipality of Halton	From Lakeshore Road to New St	Burlington ON	
CA	336560 ONTARIO LTD.	EASEMENT JOHN STREET	HALTON HILLS TOWN ON	
CA	The Corporation of the City of Burlington	From Lakeshore Road to New St	Burlington ON	
SPL	BURLINGTON HYDRO-ELECTRIC COMM	LAKESHORE RD .5 K/M WEST OF WALKERS LINE TRANSFORMER	BURLINGTON CITY ON	
SPL	UNKNOWN	JOHN ST. GEORGETOWN	HALTON HILLS TOWN ON	
SPL	UNKNOWN	APPLEBY CREEK PINEDALE TO FAIRVIEW (GO STATION)	BURLINGTON CITY ON	
SPL	To be determined<UNOFFICIAL>	cb and Old Lakeshore Rd<UNOFFICIAL>	Burlington ON	

Unplottable Report

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: ***Suncor Energy Products Inc.***
Burlington ON

Database: ***CA***

Certificate #:	0845-6FHK5G
Application Year:	2007
Issue Date:	12/11/2007
Approval Type:	Industrial Sewage Works
Status:	Revoked and/or Replaced
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***REG.MUN.OF HALTON***
ELIZABETH ST. BURLINGTON ON

Database: ***CA***

Certificate #:	3-0932-85-006
Application Year:	85

Issue Date:	9/19/85
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 - HALTON HILLS LAKEVIEW***
LAKEVIEW SEW.PS/ELIZABETH DR. HALTON HILLS TOWN ON

Database:
CA

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: ***336560 ONTARIO LTD.***
EASEMENT JOHN STREET HALTON HILLS TOWN ON

Database:
CA

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: ***BURLINGTON HYDRO-ELECTRIC COMM***
LAKESHORE RD .5 K/M WEST OF WALKERS LINE TRANSFORMER BURLINGTON CITY ON

Database: ***SPL***

Ref No.:	66512
Incident Dt:	1/28/1992
MOE Reported Dt:	1/28/1992
Contaminant Name:	
Contaminant Quantity:	
Incident Summary:	BURLINGTON HYDRO-90 L. TRANSFROMER OIL TO GRND, 5 L. TO SEWER,CLEANED-UP.
Incident Cause:	COOLING SYSTEM LEAK
Incident Reason:	ERROR
Nature of Impact:	
Receiving Medium:	LAND / WATER
Environmental Impact:	NOT ANTICIPATED

Site: ***UNKNOWN***
JOHN ST. GEORGETOWN HALTON HILLS TOWN ON

Database: ***SPL***

Site: ***UNKNOWN***
APPLEBY CREEK PINEDALE TO FAIRVIEW (GO STATION) BURLINGTON CITY ON

Database: ***SPL***

Ref No.:	97359
Incident Dt:	3/15/1994
MOE Reported Dt:	3/15/1994
Contaminant Name:	
Contaminant Quantity:	
Incident Summary:	GASOLINE IN APPLEBY CREEKFROM UNK SOURCE. REGION RESPONDING. ERP CONTACTED
Incident Cause:	UNKNOWN
Incident Reason:	UNKNOWN
Nature of Impact:	Water course or lake
Receiving Medium:	WATER
Environmental Impact:	CONFIRMED

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

Database: ***SPL***

Ref No.:	0357-6Z6QP2
Incident Dt:	
MOE Reported Dt:	3/10/2007
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Quantity:	0 other - see incident description
Incident Summary:	ukn src: sheen flowing down road and into cb.
Incident Cause:	Unknown
Incident Reason:	Unknown - Reason not determined
Nature of Impact:	Surface Water Pollution
Receiving Medium:	Water
Environmental Impact:	Confirmed

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd 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 Ecolog 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: Sept 2002* Provincial AAGR
The MAAP Program maintains a database of all 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.*

Aggregate Inventory: Up to Aug 2012 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.

Abandoned Mine Information System: 1800-Feb 2013 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.

Anderson's Waste Disposal Sites: 1860s-Present 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 authoritive. The information was collected for research purposes only.

Automobile Wrecking & Supplies: 2001-Jun 2010 Private AUWR
This database provides an inventory of all 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.

Borehole: 1875-Aug 2011 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.

Certificates of Approval: 1985-Oct 30, 2011* 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.

Commercial Fuel Oil Tanks: 1948-Apr 2013 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.

Chemical Register: 1992, 1999-Jun 2010 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.).

Inventory of Coal Gasification Plants and Coal Tar Sites: Apr 1987 and Nov 1988* 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.*

Compliance and Convictions: 1989-2013 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.

Certificates of Property Use: 1994-Feb 2014 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.

Drill Hole Database: 1886-Jun 2013 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".

Environmental Activity and Sector Registry: Oct 31 2011-Feb 2014 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.

Environmental Registry: 1994-Feb 2014 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.

Environmental Compliance Approval: Oct 31, 2011-Feb 2014 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 CofA's prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Environmental Effects Monitoring: 1992-2007* 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.

ERIS Historical Searches: 1999-Mar 2013 Private EHS

EcoLog 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.

Environmental Issues Inventory System: 1992-2001* 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.

List of TSSA Expired Facilities: Current to May 2013 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.

Federal Convictions: 1988-Jun 2007* 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.

Contaminated Sites on Federal Land: June 2000-Jan 2014 Federal FCS
The Federal Contaminated Sites Inventory includes information on all 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.

Fisheries & Oceans Fuel Tanks: 1964-Sept 2003 Federal FOFT
Fisheries & Oceans Canada maintains an inventory of all 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.

Fuel Storage Tank: 2010-May 2013 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.

Fuel Storage Tank - Historic: Pre-Jan 2010* 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.

Ontario Regulation 347 Waste Generators Summary: 1986-Jul 2013 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.

TSSA Historic Incidents: 2006-June 2009 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.

Indian & Northern Affairs Fuel Tanks: 1950-Aug 2003* Federal IAFT
The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of all 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.

TSSA Incidents: June 2009-Apr 2013 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.

Landfill Inventory Management Ontario: 2012 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.

Canadian Mine Locations: 1998-2009 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.

Mineral Occurrences: 1846-Apr 2013 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 planimetric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

National Analysis of Trends in Emergencies System (NATES): 1974-1994* 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.

Non-Compliance Reports: 1994-2012 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.

National Defence & Canadian Forces Fuel Tanks: Up to May 2001* Federal NDFT

The Department of National Defence 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.

National Defence & Canadian Forces Spills: Mar 1999-Aug 2010 Federal NDSP

The Department of National Defence 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.

National Defence & Canadian Forces Waste Disposal Sites: 2001-Apr 2007* 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.

National Environmental Emergencies System (NEES): 1974-2003* 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 all 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.

National PCB Inventory: 1988-2008* Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. All federal out-of-service PCB containing equipment and all 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.

National Pollutant Release Inventory: 1993-2011 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.

Oil and Gas Wells: 1988-Mar 2014 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.

Ontario Oil and Gas Wells: 1800-2013 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, well cap date, licence 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.

Inventory of PCB Storage Sites: 1987-Oct 2004 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.

Orders: 1994-Feb 2014 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.

Canadian Pulp and Paper: 1999, 2002, 2004, 2005, 2009 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.

Parks Canada Fuel Storage Tanks: 1920-Jan 2005* Federal PCFT

Canadian Heritage maintains an inventory of all 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.

Pesticide Register: 1988-Jun 2013 Provincial PES

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

TSSA Pipeline Incidents: June 2009-Mar 2012 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.

Private and Retail Fuel Storage Tanks: 1989-1996* 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).

Permit to Take Water: 1994-Feb 2014 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.

Ontario Regulation 347 Waste Receivers Summary: 1986-2012 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.

Record of Site Condition: 1997-Sept 2001, Oct 2004-Feb 2014 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).

Retail Fuel Storage Tanks: 1999-Jun 2010 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.

Scott's Manufacturing Directory: 1992-Mar 2011 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.

Ontario Spills: 1988-Jun 2013 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.

Wastewater Discharger Registration Database: 1990-2011 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).

Anderson's Storage Tanks: 1915-1953* 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.

Transport Canada Fuel Storage Tanks: 1970-Mar 2007 Federal TCFT

With the provinces of BC, MB, NB, NF, ON, PE, and QC; Transport Canada currently owns and operates 90 fuel storage tanks. Our inventory provides information on the site name, location, tank age, capacity and fuel type.

TSSA Variances for Abandonment of Underground Storage Tanks: Current to Jun 2013 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.

Waste Disposal Sites - MOE CA Inventory: 1970-Feb 2014 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.

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Up to Oct 1990* 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.

Water Well Information System: 1955-May 2013 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.

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 C

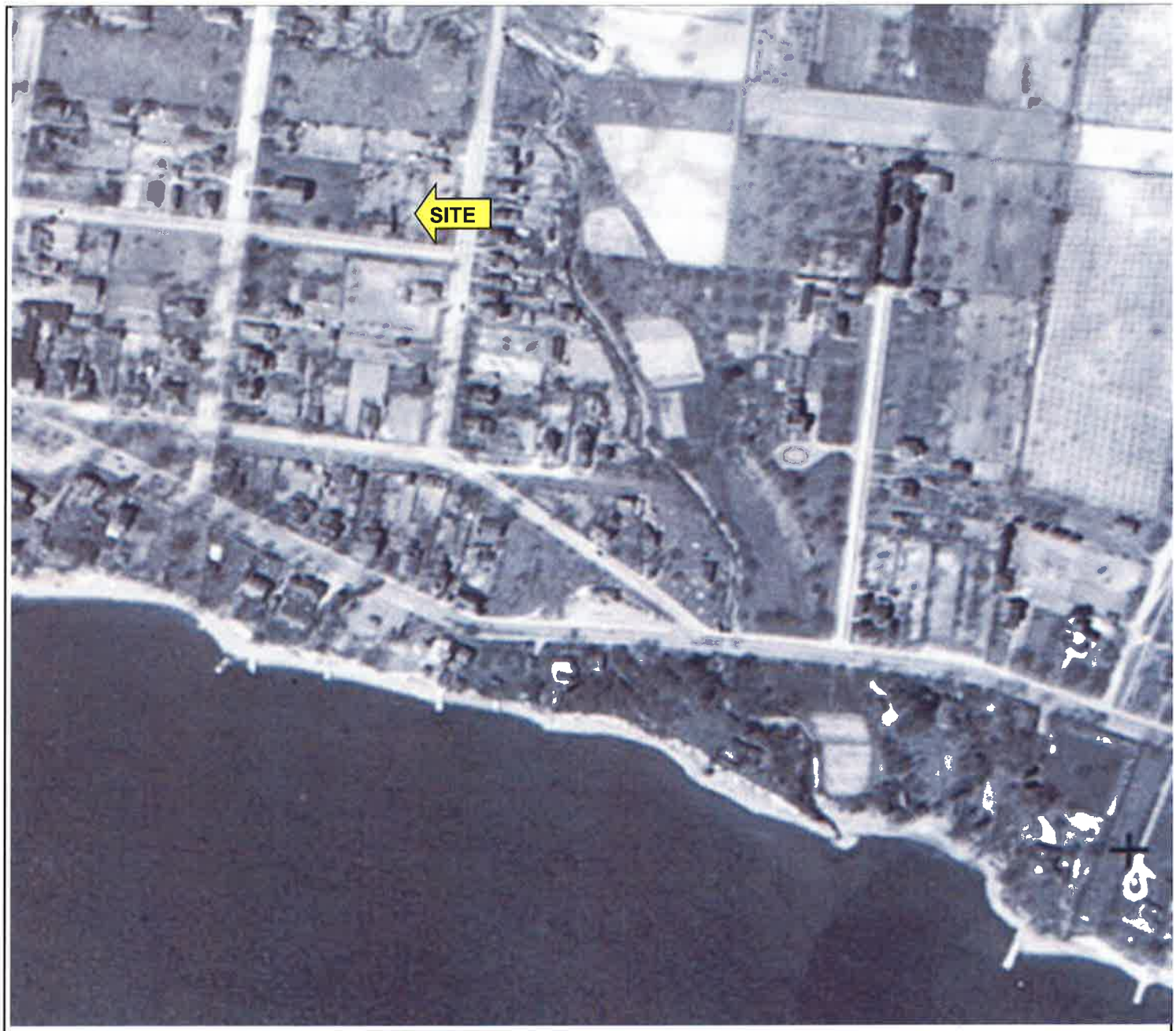
MAPPING AND AERIAL PHOTOGRAPHS



N

LANDTEK LIMITED

Scale:	NTS	Date: May, 2014
Project:	Phase One ESA 2085 Pine Street Burlington, Ontario	
Title:	1875 Historical Map	
Project No.	14137	





LANDTEK LIMITED

Scale:	NTS	Date: May, 2014
Project:	Phase One ESA 2085 Pine Street Burlington, Ontario	
Title:	1931 Aerial Photograph	
Project No.	14137	

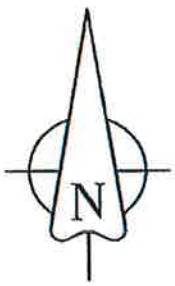




LANDTEK LIMITED

Scale:	NTS	Date: May, 2014
Project:	Phase One ESA 2085 Pine Street Burlington, Ontario	
Title:	1950 Aerial Photograph	
Project No.	14137	





LANDTEK LIMITED

Scale:	NTS	Date: May, 2014
Project:	Phase One ESA 2085 Pine Street Burlington, Ontario	
Title:	1965 Aerial Photograph	
Project No.	14137	

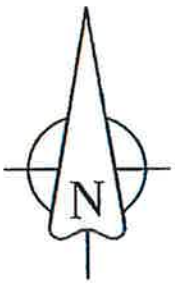




LANDTEK LIMITED

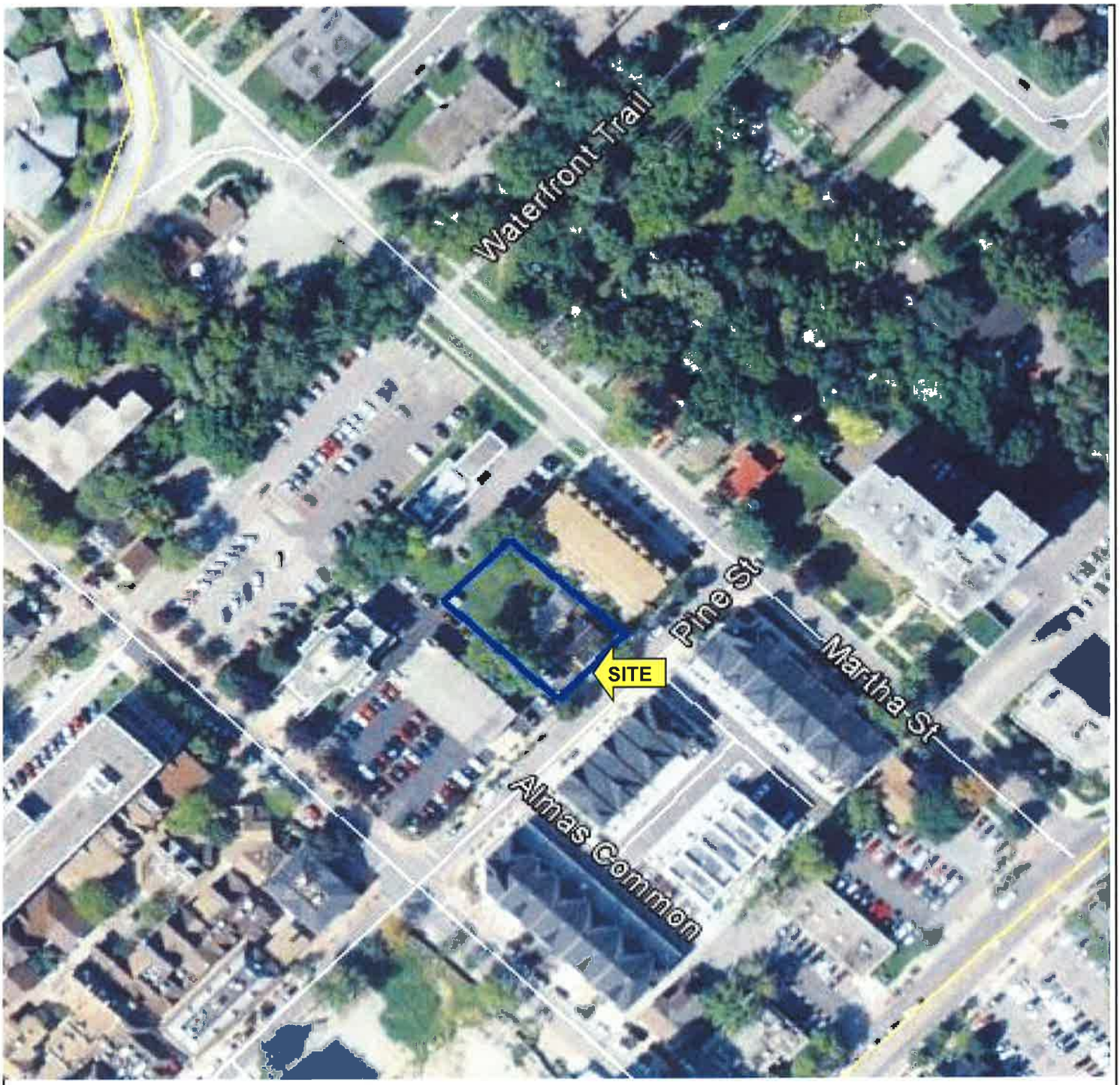
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Title:	1986 Aerial Photograph	
Project No.	14137	

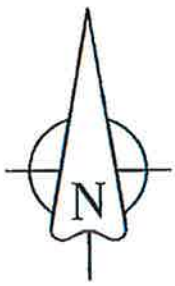




LANDTEK LIMITED

Scale:	NTS	Date: May, 2014
Project:	Phase One ESA 2085 Pine Street Burlington, Ontario	
Title:	1992 Aerial Photograph	
Project No.	14137	





LANDTEK LIMITED

Scale:	NTS	Date: May, 2014
Project:	Phase One ESA 2085 Pine Street Burlington, Ontario	
Title:	2004 Aerial Photograph	
Project No.	14137	

Project #: 20140121054

HEIRS Report

1910 Volume: Ontario Firemap: 3
Burlington Plan: 293 (1910)
Sheet: 3 (1910)

Requested by:
Eleanor Goolab
Date Completed: January 31, 2014 05:42:58

OPTA INFORMATION INTELLIGENCE

FIP Locator Map

The detailed FIP is on the following page



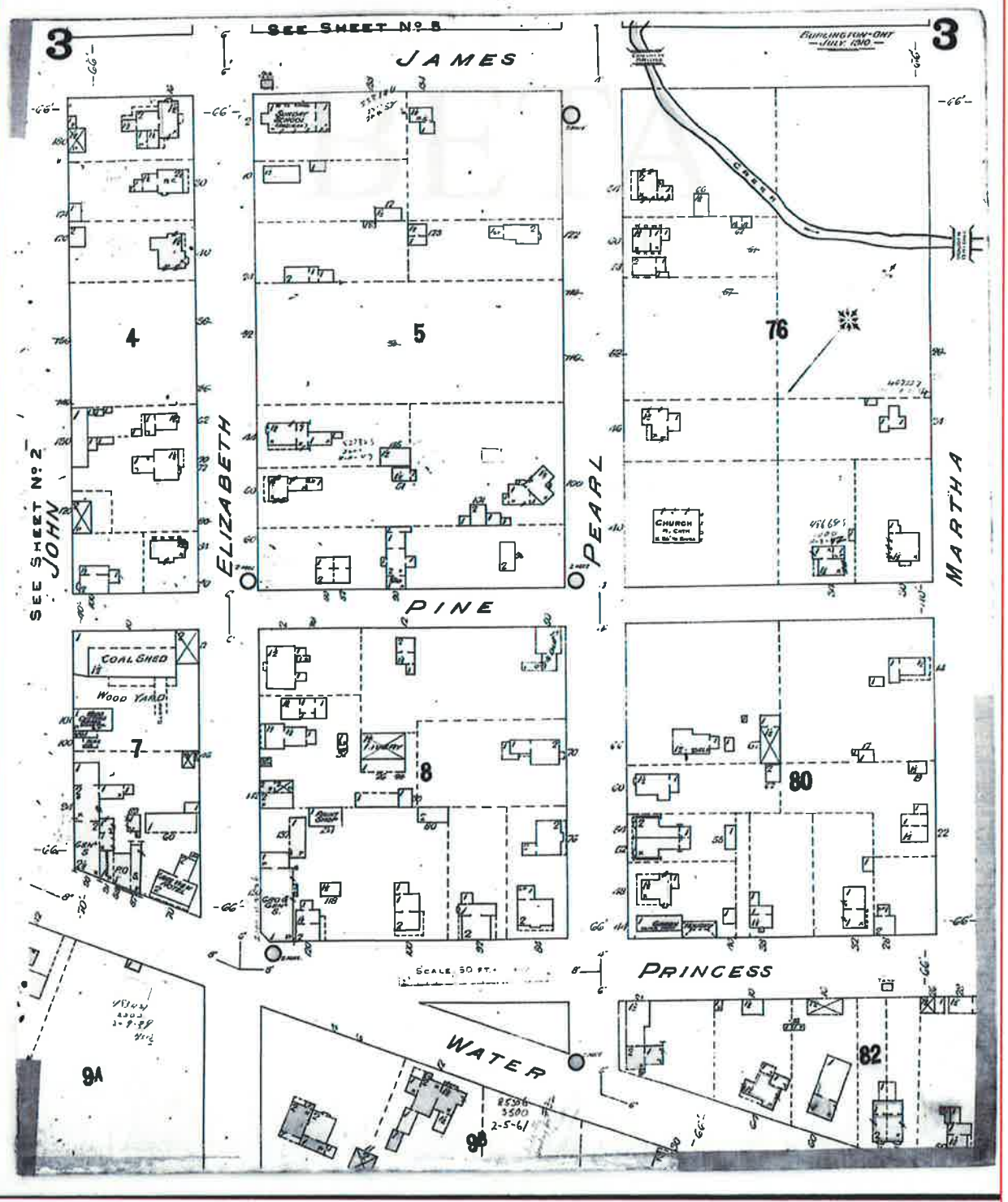
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Burlington Plan: 293 (1910)
Sheet: 3 (1910)

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Eleanor Goolab
Date Completed: January 31, 2014 05:42:58

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Project #: 20140121054

HEIRS Report

1932 Volume: Ontario Firemap: 3
Burlington Plan: 295 (1924)
Sheet: 3 (1932)

Requested by:
Eleanor Goolab
Date Completed: January 31, 2014 05:42:58

OPTA INFORMATION INTELLIGENCE



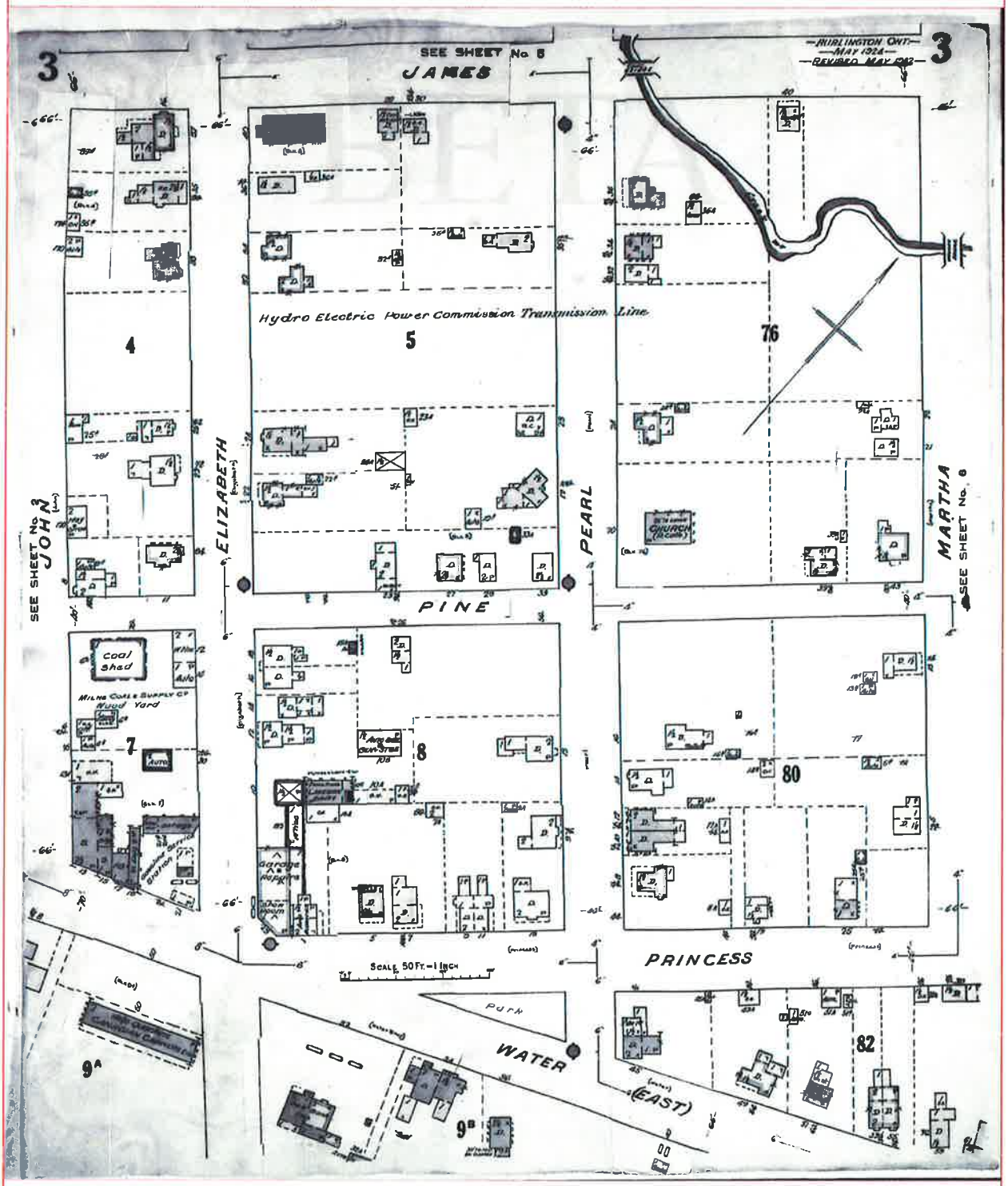
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Project #: 20140121054

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1932 Volume: Ontario Firemap: 3
Burlington Plan: 295 (1924)
Sheet: 3 (1932)

Requested by:
Eleanor Goolab
Date Completed: January 31, 2014 05:42:58

OPTA INFORMATION INTELLIGENCE



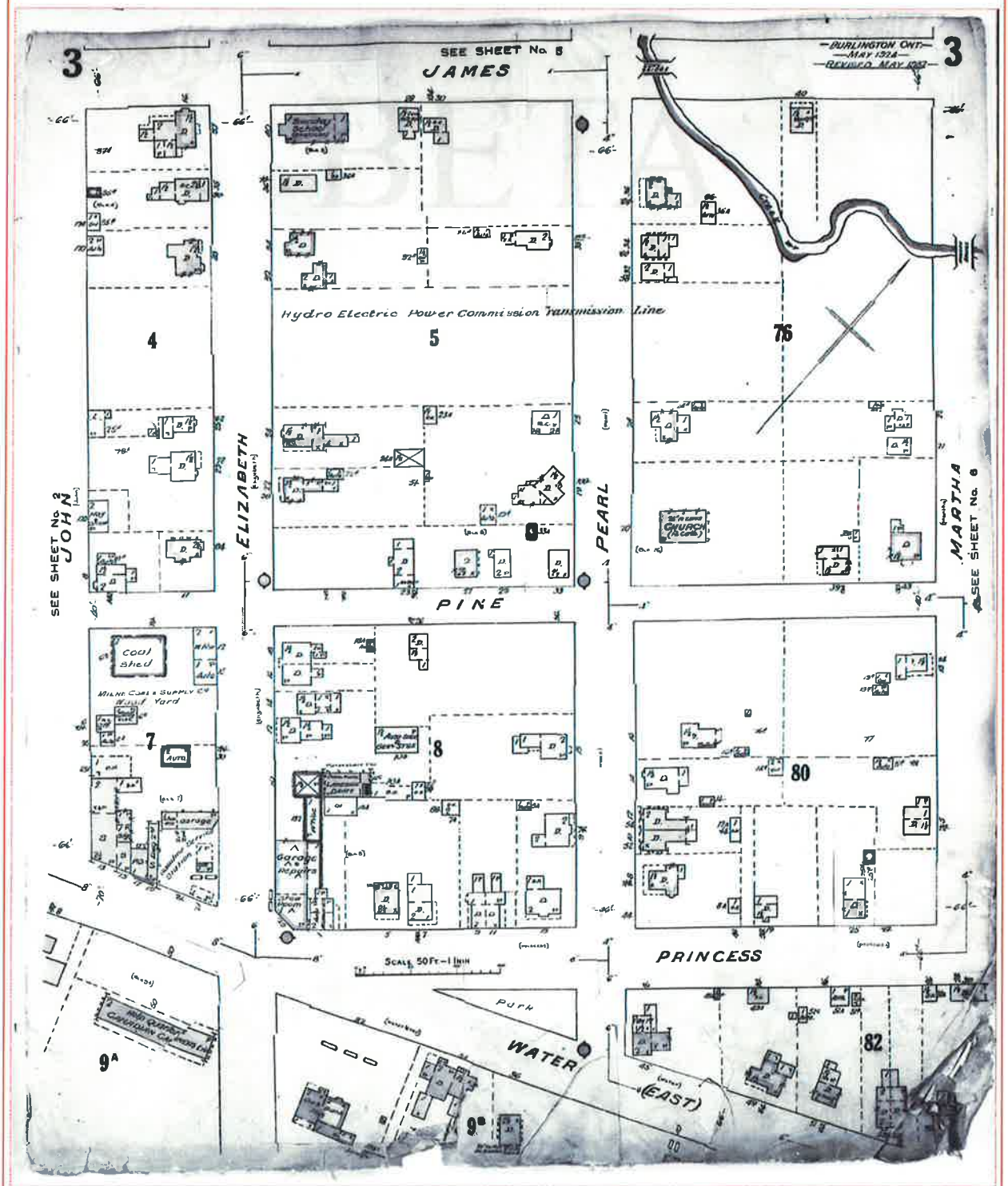
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Burlington Plan: 295 (1924)
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Eleanor Goolab
Date Completed: January 31, 2014 05:42:58

opta
OPTA INFORMATION INTELLIGENCE



Project #: 20140121054

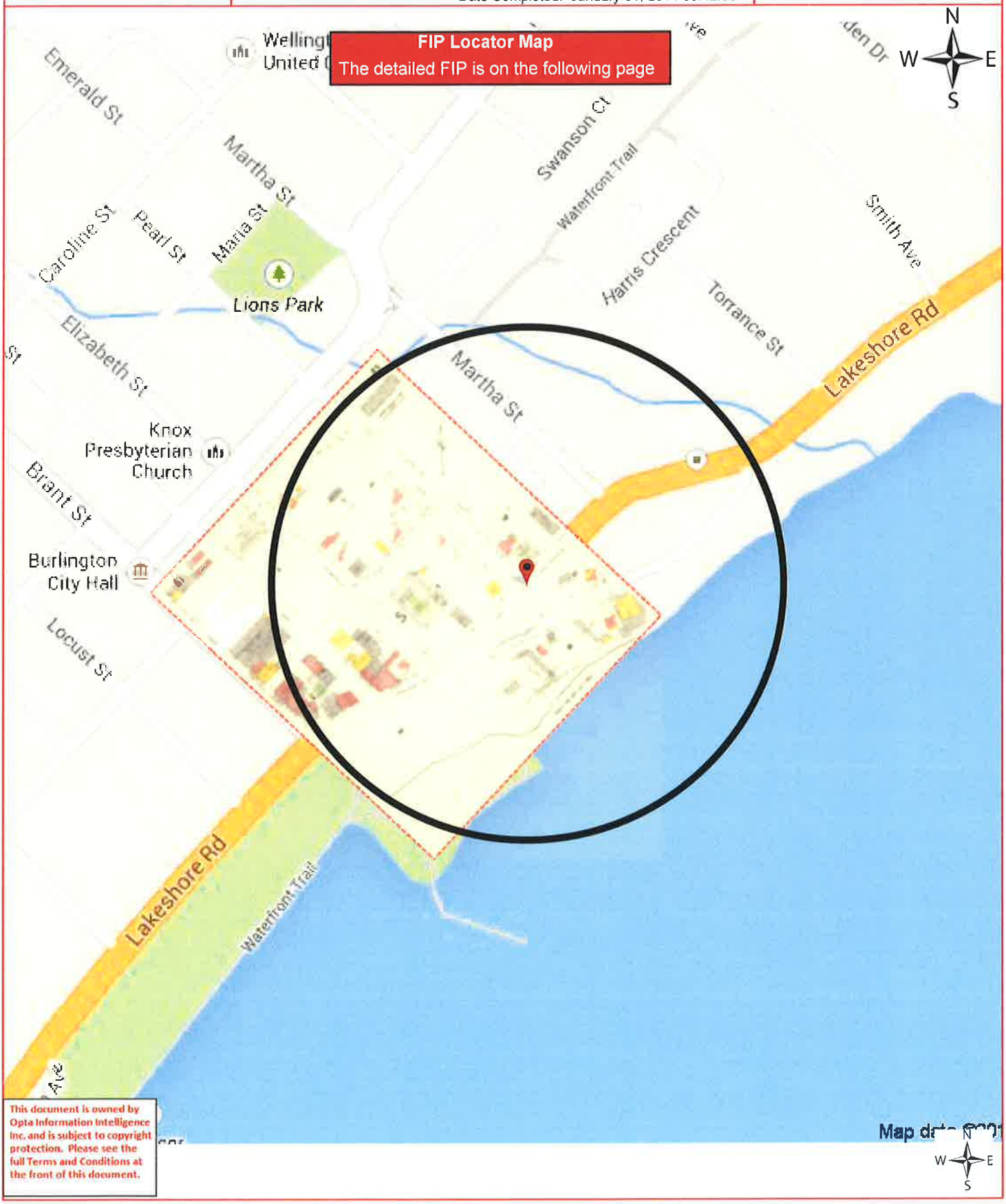
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Sheet: 61 (1971)

Requested by:
Eleanor Goolab
Date Completed: January 31, 2014 05:42:58

OPTA INFORMATION INTELLIGENCE

FIP Locator Map
The detailed FIP is on the following page



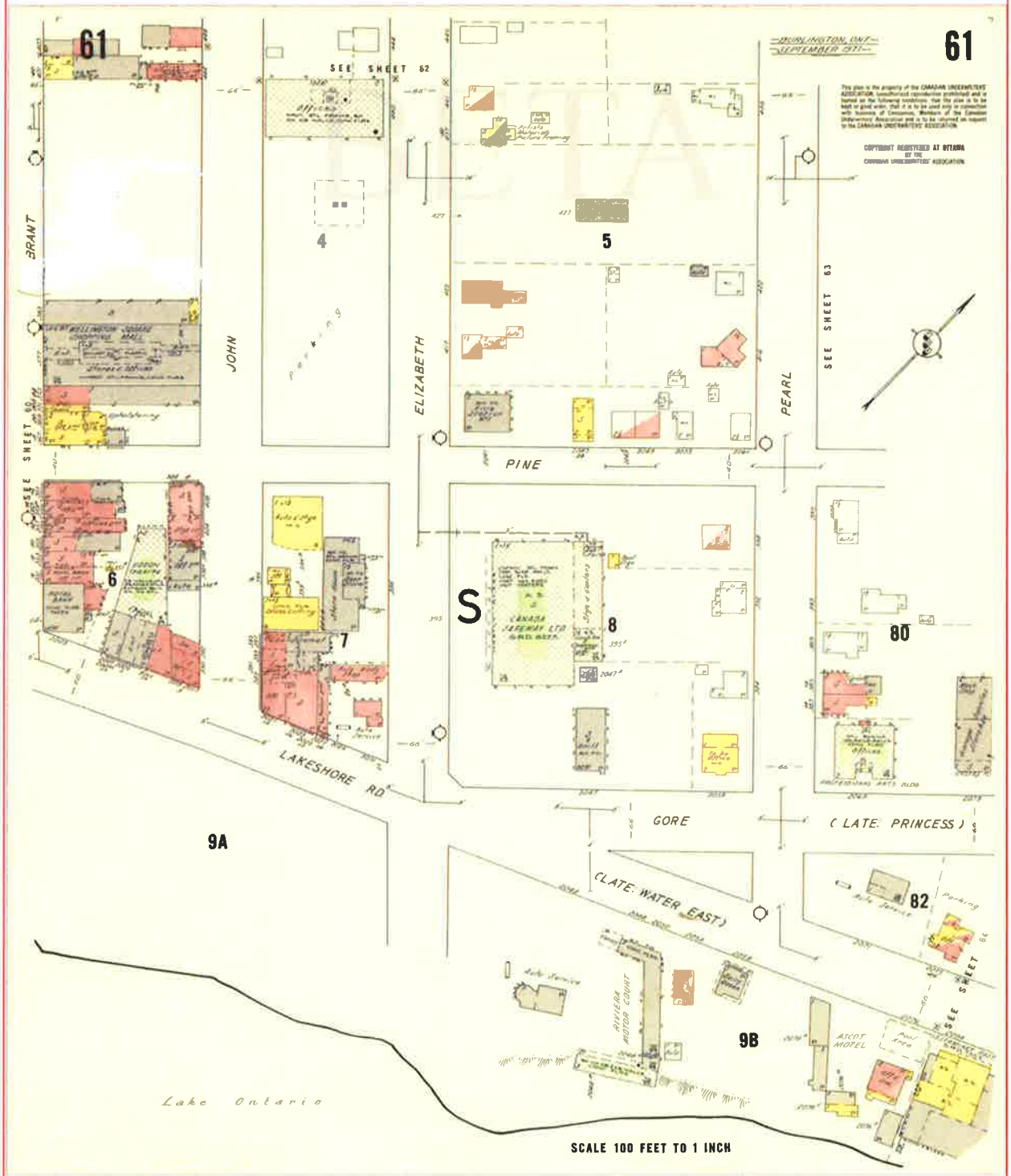
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Date Completed: January 31, 2014 05:42:58

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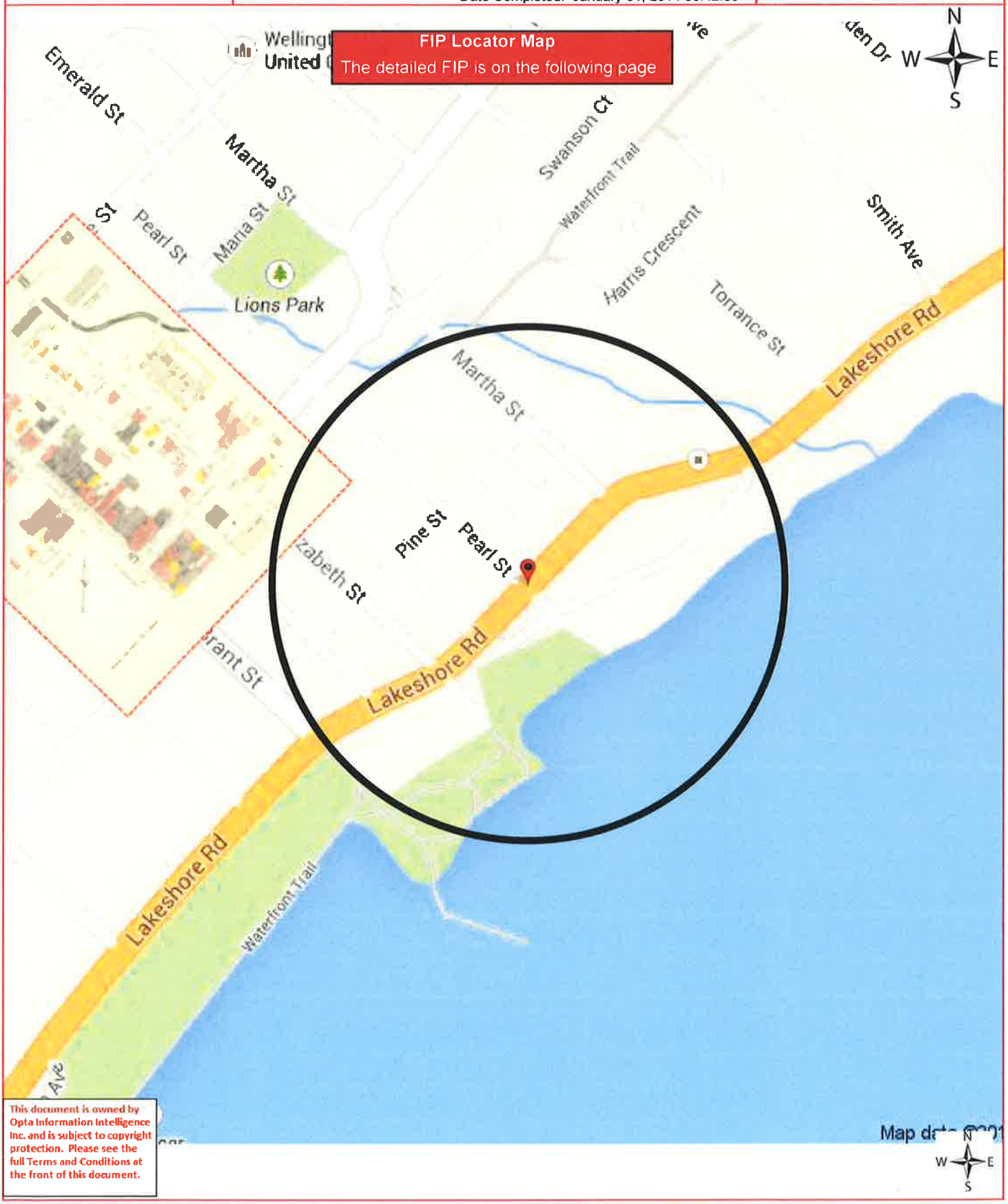
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OPTA INFORMATION INTELLIGENCE



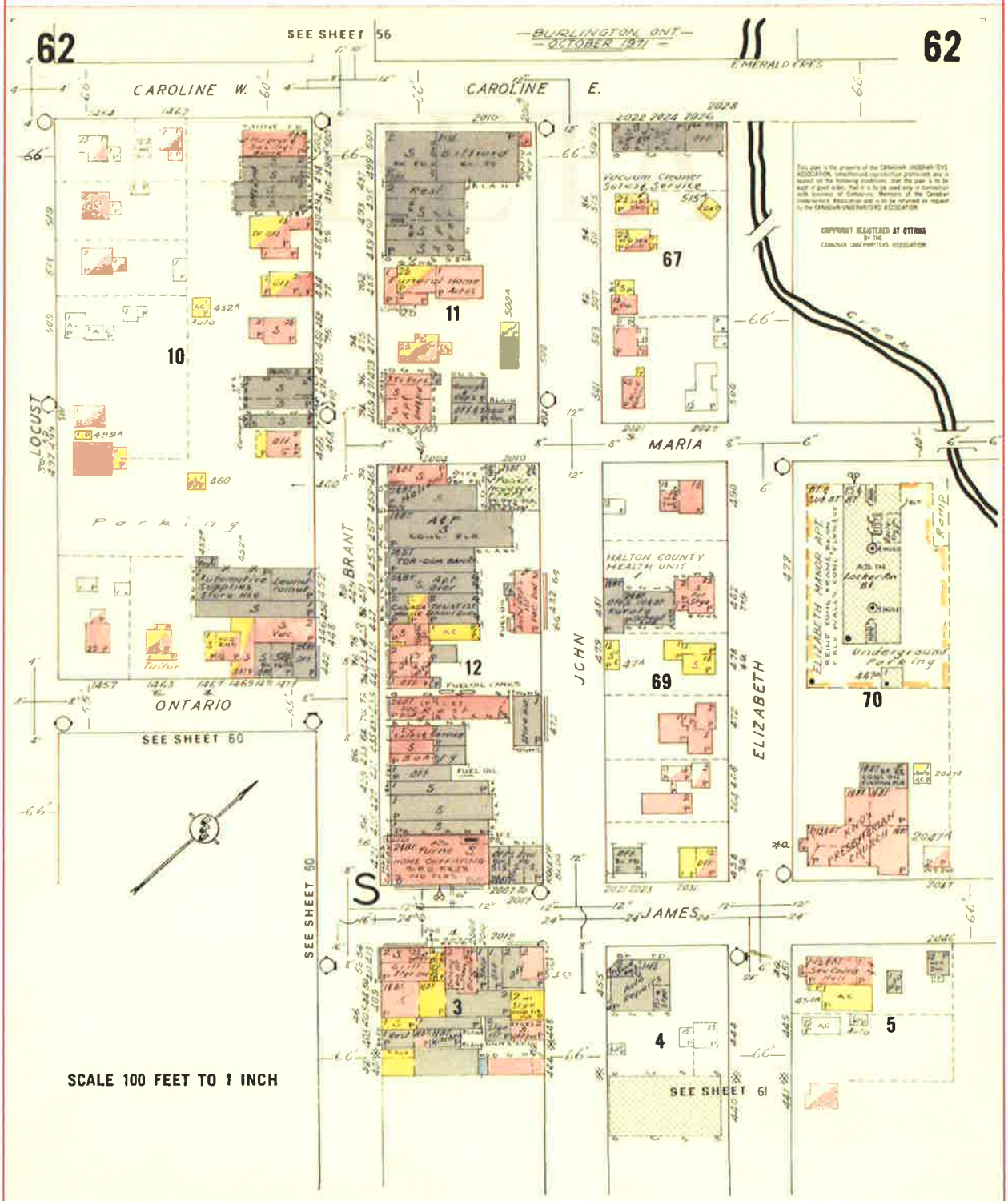
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Burlington Plan: 296 (1971)
Sheet: 62 (1971)

Requested by:
Eleanor Goolab
Date Completed: January 31, 2014 05:42:58

OPTA INFORMATION INTELLIGENCE



APPENDIX D

Photographs of Typical Site Conditions



Photograph #1: View of the front of residence, looking east



Photograph #2: View of the 865 Lakeshore E, looking east

LANDTEK LIMITED	
Project No. 18360	Date: Oct 2018
Phase 1 ESA 2085 Pine Street ON	
Title:	Photographs of Typical Site Conditions



Photograph #3: View of the interior of residence



Photograph #4: View of the basement

LANDTEK LIMITED	
Project No. 18360	Date: Oct 2018
Phase 1 ESA 2085 Pine Street ON	
Title:	Photographs of Typical Site Conditions



Photograph #5 : Garage Interior



Photograph #6: View of adjacent property to the east

LANDTEK LIMITED	
Project No. 18360	Date: Oct 2018
Phase 1 ESA 2085 Pine Street ON	
Title:	Photographs of Typical Site Conditions

APPENDIX E

Table of Current and Past Uses

Table of Current and Past Uses

Year	Name of Owner	Description of Property Use	Property Use[1]	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
2018 – Present	Pine Street Burlington Corp.	Residential use	Residential use	Information from interview, Chain of Title, and 2016 aerial photograph (AP).
2018	Roman Home Builders Inc	Residential use	Residential use	Information from interview, Chain of Title, and 2016 AP.
2014 – 2018	2085 Pine Street inc.	Residential use	Residential use	Information from interview, Chain of Title, city directories and 2015 and 2016 AP
2006 – 2014	1694590 Ontario Inc	Residential use	Residential use	Information from interview, Chain of Title, city directories and 2009 and 2015 AP.
1983 - 2006	Carol Baker	Residential use	Residential use	Information from Chain of Title, city directories (CD)
1974 - 1983	Jean Baker	Residential use	Residential use	Information from Chain of Title, CDs, 1973 aerial AP and 1971 fire insurance plans (FIP)
1957 – 1974	Harold Mooney	Residential use	Residential use	Information from Chain of Title, city directories and 1950, 1961, 1973 aerial photograph and 1971 FIP.
1949 – 1957	Mabel Hill	Residential use	Residential use	Information from Chain of Title, 1932 FIP, and 1931 AP.
1947 – 1949	Arthur John Clarke	Residential use	Residential use	Information from Chain of Title, and 1910 FIP.
1884– 1949	Jabez Clarke/Jabez Clark – estate	Residential use	Residential use	Information from Chain of Title. 1910 FIP and 1931 AP.
1858 – 1884	James Clarke	Residential use	Residential use	Information from Chain of Title and 1875 historical map (County Atlas) and city map 1877
1856 – 1858	Joseph Blanchard	Residential use	Residential use	Information from Chain of Title. Heritage Impact Statement.
1847 – 1856	Nelson Ogg	Residential use	Residential use	Information from Chain of Title. Heritage Impact Statement. Residence built in 1847.
1829 – 1847	Andrew Gage	undeveloped and/or agricultural lands	Agricultural or other use	Information from Chain of Title.
1798 – 1829	Capt. Joseph Brant	undeveloped and/or agricultural lands	Agricultural or other use	Information from Chain of Title.

Year	Name of Owner	Description of Property Use	Property Use[1]	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1798	Crown	undeveloped and/or agricultural lands	Agricultural or other use	Information from Chain of Title.

Notes:
[1] for each owner, specify one of the following types of property use (as defined in O. Reg. 153/04) that applies:

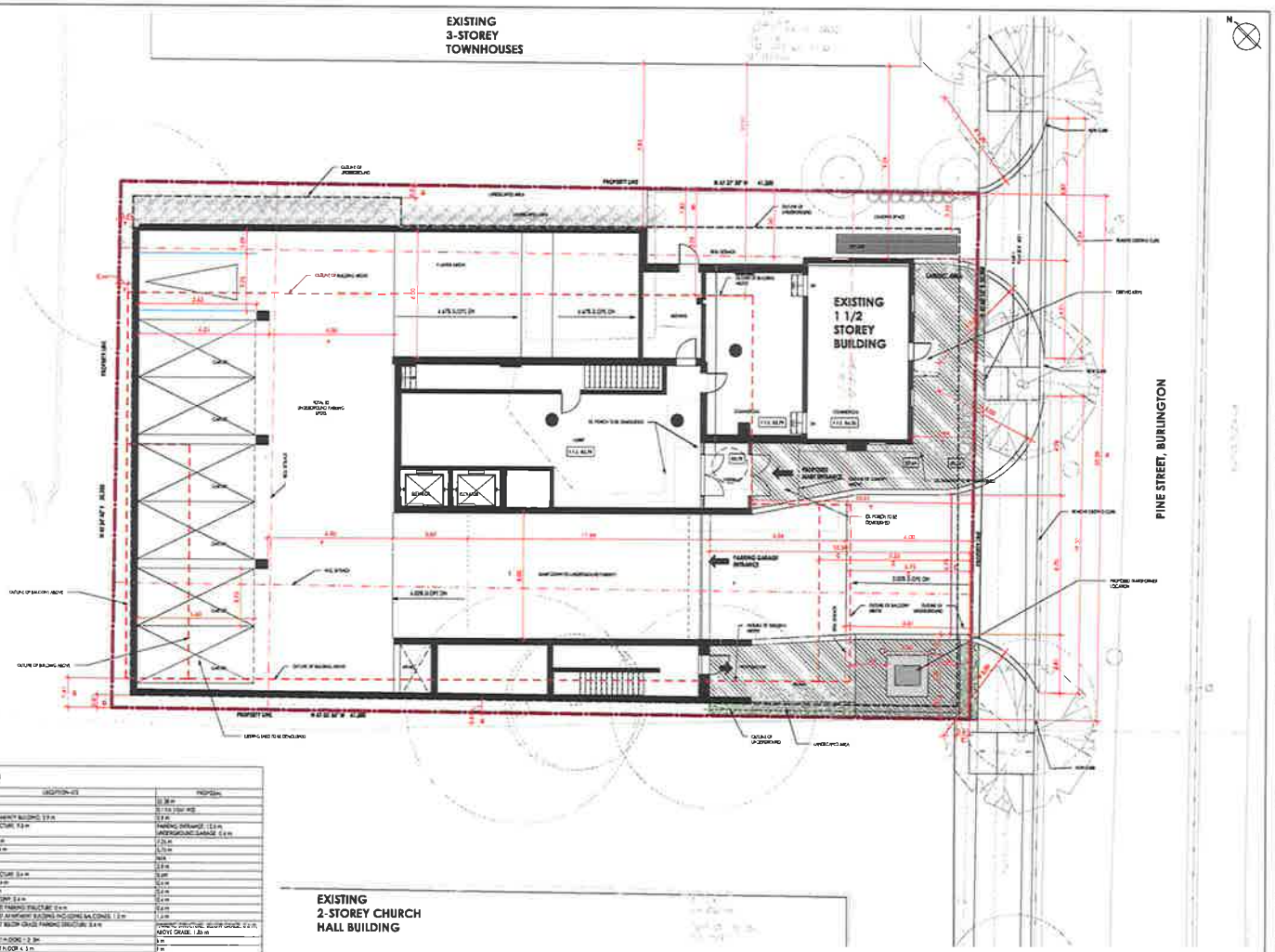
- Agricultural or other use
- Commercial use
- Community Use
- Institutional use
- Industrial use
- Parkland use
- Residential use

APPENDIX F

Legal Survey

EXISTING
3-STOREY
TOWNHOUSES

EXISTING
1-STOREY
BUILDING



EXISTING
2-STOREY CHURCH
HALL BUILDING

SITE PLAN
1 : 100

LEGEND

GREEN LANDSCAPED AREA

PAVED SURFACE

REVISIONS		
NUMBER	DATE	REMARKS
004	2019 04 11	ISSUED FOR OPA/ZBA
003	2019 03 06	ISSUED FOR SHORING
002	2018 11 21	FINAL DESIGN
001	2018 10 15	PREP FOR SHORING

CONTRACTOR IS TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THIS PROJECT AND REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. DRAWINGS ARE NOT TO BE SCALED.

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PROJECT TITLE
2085 PINE STREET

2085 PINE STREET,
BURLINGTON, ONTARIO

DRAWING TITLE
SITE PLAN

DRAWN BY
JG

SCALE
1 : 100

DATE
2019 04 11

CHECKED BY
MD

PROJECT NUMBER
18-1268

DRAWING NUMBER
A1.1