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Phase 1 Environmental Site Assessment

1497, 1499, 1505 and 1511 Old Plains Road West
City of Burlington, Ontario

Prepared for:

New Horizon Development Group
Ms. Elisha Vankleef
3170 Harvester Road, Suite 200
Burlington, Ontario
L7N 3W8

File: 23072

April 2023

EXECUTIVE SUMMARY

Landtek Limited (Landtek) is pleased to submit this Phase 1 Environmental Site Assessment (ESA) report for the property located at 1497, 1499, 1505 and 1511 Old Plains Road West, in the Burlington (the Site), as shown below on **Figure 1**. The work was initiated following authorization to proceed from Ms. Elisha Vankleef of New Horizon Development Group (the Client) in February of 2023

The Phase 1 ESA was completed in general accordance with the requirements described in CSA Standard Z768-01. Sampling and chemical analysis of soil, groundwater, and/or other materials was not carried out as part of this Phase 1 ESA. This assessment was completed with the understanding that a Record of Site Condition (RSC) is not required and therefore the requirements of Ontario Regulation 153/04 (as amended) were not performed.

FINDINGS

The following summary outlines the findings of the Phase 1 ESA:

- The Site is an irregular shape with four (4) municipal addresses including 1497, 1499, 1505 and 1511 Old Plains Road West and are utilized as a vacant undeveloped lot. At the time of Landtek's Site visit, the footprint of formally demolished residential structures were visible (1499, 1497, and 1505 Old Plains Road West), the remainder of the Site consisted of grassed and naturalized areas;

  The Site was located on the north-western corner of the intersection of Old Plains Road West and Plains Road West, in Burlington. The Site was bound by a municipal carpool parking lot to the north (followed by Plains Road West), Plains Road West to the east (followed by residential dwellings), Old Plains Road West to the south (followed by a commercial establishment), and Highway 6 to the west (followed by residential dwellings);

- The overall topography of the Site is generally flat. Surface drainage is handled via drainage ditches located along the eastern, southern and western property boundaries;

- The total size of the Site is approximately 1.1 hectares (2.8 acres);

- Based on a review of historical information sources (i.e., Fire Insurance Plan (FIPs), aerial photographs, environmental database searches, physical setting sources, interviews, and a Site reconnaissance), the Site has been utilized for residential purposes from at least the late 1980s until present (1497, 1499 and 1505 Old Plains Road West) or vacant undeveloped lands (1511 Old Plains Road West);

- No adjacent and/or neighbouring properties are considered to represent a potential environmental concern to the Site; and,

- At the time of the Landtek's Site visit, there was no evidence of chemical manufacturing/storage, and/or underground storage tanks (USTs) on the Site. There was no observed evidence of fill pipes, breather pipes or ground depressions that may indicate the presence of any UST's. No above ground storage tanks (ASTs) were observed on the Site.

CONCLUSIONS

Based on the Phase 1 ESA findings, no issues of potential environmental concern were identified for the Site.

RECOMMENDATIONS

Based on the findings of this Phase 1 ESA, no further work is required.

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1.0 INTRODUCTION

Landtek Limited (Landtek) is pleased to submit this Phase 1 Environmental Site Assessment (ESA) report for the property located at 1497, 1499, 1505 and 1511 Old Plains Road West, in the Burlington (the Site), as shown below on **Figure 1**. The work was initiated following authorization to proceed from Ms. Elisha Vankleef of New Horizon Development Group (the Client) in February of 2023.

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2.0 SITE DESCRIPTION

The Site is an irregular shape with four (4) municipal addresses (1497, 1499, 1505 and 1511 Old Plains Road West and is utilized as vacant undeveloped lot. At the time of Landtek's Site visit, the footprint of formally demolished residential structures were visible (1499, 1497, and 1505 Old Plains Road West), the remainder of the Site consisted of grassed and naturalized areas (1511 Old Plains Road West).

The Site was located on the north-western corner of the intersection of Old Plains Road West and Plains Road West, in Burlington. The Site is bound by a municipal carpool parking lot to the north (followed by Plains Road West), Plains Road West to the east (followed by residential dwellings), Old Plains Road West to the south (followed by a commercial establishment), and Highway 6 to the west (followed by residential dwellings).

The Site is approximately 1.1 hectares (2.8 acres). **Figure 1** shows the general location of the Site

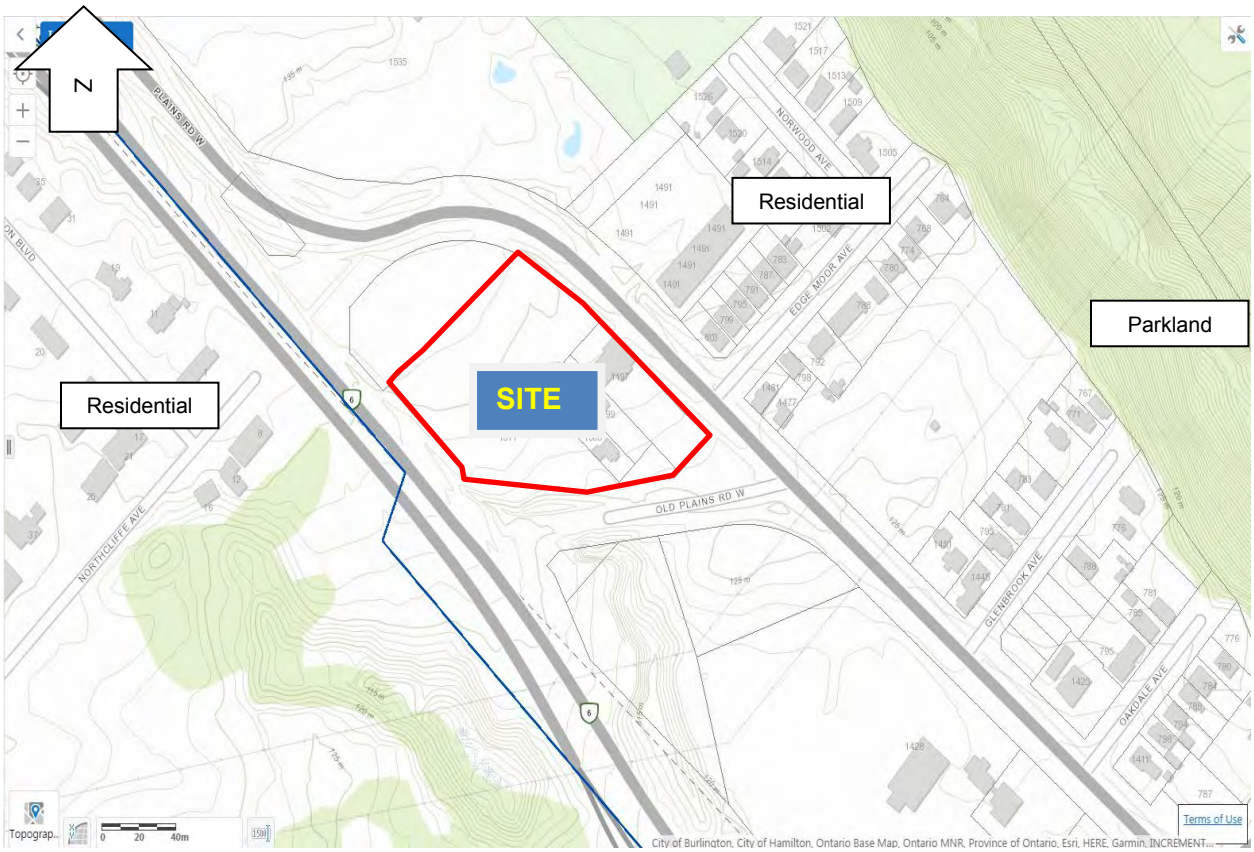


FIGURE 1: Location of Site

3.0 RECORDS REVIEW

3.1 Historical Maps

An historical map of the Township of Flamboro East dated 1875 was reviewed and the relevant portion is presented in **Appendix A**. Information from this map indicates that the Site was located in the Township of Flamboro and appears to be used as agricultural/estate land.

3.2 Aerial Photographs

Aerial photographs of the Site were obtained from EcoLog ERIS, City of Hamilton interactive mapping and Google Earth. The photographs are presented in **Appendix B** and the findings are summarized as follows:

Table 1: Aerial Photograph Descriptions

Year	Study Site	Surrounding Lands
1934	The Site appears to vacant undeveloped land, with no buildings or structures present.	The properties to the east of Plains Road West appear to be developed into residential dwellings, while the properties to the north, south and west appear to be vacant undeveloped lands. Plains Road West is present to the east of the Site.
1950	Consistent with above.	Consistent with above.
1963	Consistent with above.	Consistent with above, with the exception of the neighbouring southern property which appears to be under development. Highway 6 is present to the west of the Site.
1973	Consistent with above.	Consistent with above. Old Plains Road West is present to the south of the Site.
1986	Consistent with above, with the exception of one (1) residential dwelling which appears to be developed on the Site.	Consistent with above. The adjoining northern car pool lot appears to be under construction and the neighbouring northern property appears to be under development.
2004	The Site appears to be developed with three (3) residential dwellings.	Consistent with above.
2012	Consistent with above.	Consistent with above. Residential development is intensifying to the east of Plains Road West.
2013	Consistent with above, with the exception of the residential dwelling located at 1487 Old Plains Road West which appears to be demolished and is no longer present on the Site.	Consistent with above.
2016	Consistent with above.	Consistent with above.
2019	The residential dwellings at 1505 and 1499 Old plains road appear to have been demolished. The site appears to be consistent with its present-day formation.	Consistent with above.

As discussed above, based on Landtek's review of the above-mentioned aerial photographs, no concerns are anticipated.

3.3 Fire Insurance Plans and Underwriter's Reports

A request was placed with Ecolog ERIS for available fire insurance plans (FIPs) and/or underwriter's reports for the Site and/or the adjacent / neighbouring properties. The search indicated that no records were available for neither the Site and/or for the surrounding properties.

3.4 Site Occupancy Records

A City Directory search was completed by Ecolog ERIS for the Site and selected surrounding property addresses. The Vernon's Burlington, Ontario City Directory, and Digital Business Directory contained multiple listings for the Site and the immediately adjacent properties.

Address	Year	Occupancy
Site		
1511 Old Plains Road West	2011 1957 - 2005	Address not listed Street not listed
1487 Old Plains Road West	2011 1957 - 2005	Address not listed Street not listed
1499 Old Plains Road West	2011 1957 - 2005	Address not listed Street not listed
1505 Old Plains Road West	2011 1957 - 2005	Residential (1 tenant) Street not listed
Adjacent Properties		
1428 Plains Road West	1985 - 2011 1970 - 1980 1965 1957 - 1960	Ruston Trailers Harris Commercial Trucking and/or Harris C & Sons Transport LTD Residential (1 tenant) Address not listed
1491 Plains Road West	2011 2005 – 1990 1957 - 1985	Residential (multi-tenant) Residential (1 tenant) Address not listed
1534 Plains Road West (adjacent to the north of the Site)	1957 – 2011	Address not listed
803 Edge Moor Avenue	2011 1957 – 2005	Residential (2 tenants) Not Built on

In general, the surrounding properties to the Site appear to have been residential from 1990s until 2011. The neighbouring southern property was listed as a commercial facility from the 1970s until 2011. No environmental concerns were identified from the city directories reviewed.

3.5 Title Search

The title search indicated that the Site is owned by the Corporation of the City of Burlington from 1995 until 2015, ownership was then transferred to Lanwell Property Management Limited in 2015, then to 1151 Old Plans Road West Inc. in 2016.

It appears the property was consolidated from four (4) parcels (three owned by individuals and one owned by Lanwell Property Management Limited) into one (1) parcel of land owned by 1151 Old Plans Road West Inc. in 2016. No further details are provided.

3.6 Regulatory Information

3.6.1 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 Site, and the adjoining and neighboring properties within the Study Area (250 m from the Site boundaries). At the request of the Client, a larger buffer was applied to the Site for this assessment. The Ecolog ERIS report is presented in **Appendix C**. 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 Site.

No Provincial, Federal, and/or Private Records were available for the Site and a total of 18 records were listed for the 0.25 km search radius from ERIS. Based on the nature of the listing and the distance to the Site the environmentally significant database records are summarized as follows:

Property Address	Distance (m) /Direction to Site	Database / Source of Information	Details
Plains Road at Old Plans Road	southeast of the Site	Ontario Spills	A spill of 100 L of renderings was released onto the roadway in 1996.
Various	Various	Water Well Information System	Thirteen (13) water wells are reported to be located in the Study Area. Static water level was reported to range from 3.0 m to 7.6 m bgs. General stratigraphy was reported as clay underlain by red shale bedrock.
1535 Plain Road West	60 m north of the Site	O. Reg.347 Waste Generators Summary	This property was listed as a generator of waste oils and lubricants from 1992 to 1998.

Based on the Ecolog ERIS records review, no Site listings and/or adjacent property listing were anticipated to represent environmental concerns to the Site.

3.6.2 Ministry of the Environment, Conservation and Parks (MOE)

A request was sent to the MOE Freedom of Information (FOI) and Protection of Privacy Office 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 ever been assigned to any of the properties, issued control orders or violation notices, and/or if the MOE has knowledge or record that the Site has ever been used or is currently being used for waste disposal.

A response to the above noted request was not received at the time of report preparation. If the response contains relevant environmental information relating to the Site, an addendum to this report will be issued.

3.7 Geological Data and Groundwater

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 geology of the area indicates that the overburden at the Site consists of glaciolacustrine deposits consisting of silt to silty clay.

A review of bedrock geology maps indicates that the glacially derived overburden at the Site is underlain by shale, limestone, dolostone and siltstone of the Queenston Formation.

Based on topography and mapping information of the area, the ground surface elevation at the Site is approximately 130 meters above sea level (masl). The local topography is generally flat and then slopes down to the southeast.

The local groundwater flow direction has been inferred to be in a south-easterly direction towards a tributary of Grindstone Creek, located approximately 0.25 km southeast of the Site. 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.

3.8 Previous Environmental Reports and Additional Information

The following report was available for Landtek during the preparation of this report.

> "*Phase 1 Environmental Site Assessment 1487,1499,1505 and 1511 Old Plains Road West, City of Burlington, Ontario: Dated June 16, 2017.* File:17195*."* Landtek.

The above-mentioned report concluded that no environmental concerns were anticipated for the site, and no further work was required.

4.0 OBSERVED SITE CONDITIONS

Landtek conducted a visual assessment of the Site on March 20, 2023. The following sections summarize the observed Site conditions.

The Site visit consisted of a walkthrough of the Site and visual reconnaissance of neighbouring properties from publicly accessible areas.

Photographs of typical Site conditions are shown in **Appendix D**.

4.1 Site Uses and Structures

At the time of Landtek's Site visit, the site consisted of grass covered naturalized lands. The footprints of previously demolished residential dwellings were observed on the northeastern portion of the Site during the site visit.

4.2 Site Specific Observations

Observations of Site conditions were made during the Site reconnaissance and are summarized in the table below.

Description	Reported and/or Observed On-Site	Comments
Air Emissions	No	Not identified during the Site visit.
Storage Tanks: ASTs	No	Not identified during the Site visit.
Storage Tanks: USTs	No	Not identified during the Site visit. There was no observed evidence of fill pipes, breather pipes or ground depressions that may indicate the presence of any UST's.
Hazardous Substances and Petroleum Products	No	Not identified during the Site visit.
Hazardous Waste Management	No	Not identified during the Site visit.
Unidentified Substance Containers	No	Not identified during the Site visit.
Drums	No	Not identified during the Site visit.
Hydraulic Equipment	No	Not identified during the Site visit.
Fill Material	No	As discussed in **Section 5.0**, during demolition of the former residences completed by the Client, fill material was not imported, native soils were utilized to regrade the Site
Wells	Yes	Two (2) piezometers were observed on the Site.
Drains, Sumps, Oil/Water Separators/Sand Traps	No	No Oil/Water Separators/Sand Traps, Sump Pumps, or Drains were identified during the Site visit.

Description	Reported and/or Observed On-Site	Comments
Stained Soil, Stained Pavement, Corrosion to Pavement	No	Not identified during the Site visit.
Strong, Pungent, or Noxious Odors	No	Not identified during the Site visit.
Stressed Vegetation	No	Not identified during the Site visit.
Utilities (Electricity/ Natural Gas)	Yes	Utilities are provided by City of Burlington.
Water Supply	Yes	Water is supplied via the well on Site.
Wastewater	No	Not identified during the Site visit.
Septic	No	Not identified during the Site visit.
Storm Water	Yes	Storm water drains via overland flow to the adjacent properties or via infiltration.
Pits, Ponds, Lagoons	No	Not identified during the Site visit.

No Concerns are anticipated.

4.3 Hazardous Materials

The substances, such as, asbestos, lead-based material, ozone-depleting substances, polychlorinated biphenyls and/or urea formaldehyde foam insulation are more likely to be found in construction materials and building equipment.

No buildings were present at the time of the site visit. These substances were not identified during the Site visit.

4.3.1 Radon Gas

Radon (Rn222) is a naturally occurring inert, colourless, odorless radioactive gas derived from the decay of radium (R226). Radium occurs in geologic formations containing uranium, granite, shale, phosphate, or pitchblende and was commercially used in luminescent products. Radium decays into reactive, radioactive daughter particles that attach themselves to other particles such as dust and are a lung cancer risk. Radon can move through permeable rocks and soils and can eventually seep into buildings. The movement of radon into buildings is controlled largely by the soil permeability under a foundation and access to the interior of buildings through openings in the foundation. Radon is heavier than air and is more likely to be present in sub-grade areas (including basements).

According to the Cross-Canada Survey of Radon Concentrations (March 2012) conducted by Health Canada, the site is located in the Halton Health Unit, where 98.5% of the tests conducted revealed radon levels below the Canadian Radon Guideline of 200 Bq/m3 (Health Canada). As such, the Site is located in an area of low radon potential.

4.4 Adjacent Site Conditions / Uses

Direction to Site	Details
North	Municipal car pool parking lot
East	Plains Road West, followed by residential dwellings
South	Old Plains Road West, followed by a commercial facility (Ruston Trailers)
West	Highway 6, followed by residential properties

No concerns are anticipated.

5.0 INTERVIEWS

Landtek conducted an interview via e-mail with Ms. Elisha Vankleef, development manager with the New Horizon Development Group, the representative for the Site on April 10, 2023. The following information has been compiled from the interview responses:

- No environmental concerns were known regarding the Site;
- No chemicals were manufactured or stored; additionally, no USTs or AST are currently installed on the subject Site;
- During demolition of the former residences completed by the Client, fill material was not imported; native soil was utilized to regrade the Site.

No concerns were identified from the interview responses.

6.0 SUMMARY OF FINDINGS

The following summary outlines the findings of the Phase 1 ESA:

- The Site is an irregular shape with four (4) municipal addresses including 1497, 1499, 1505 and 1511 Old Plains Road West and are utilized as a vacant undeveloped lot. At the time of Landtek's Site visit, the footprint of formally demolished residential structures were visible (1499, 1497, and 1505 Old Plains Road West), the remainder of the Site consisted of grassed and naturalized areas.

  The Site was located on the north-western corner of the intersection of Old Plains Road West and Plains Road West, in Burlington. The Site was bound by a municipal car pool parking lot to the north (followed by Plains Road West), Plains Road West to the east (followed by residential dwellings), Old Plains Road West to the south (followed by a commercial establishment), and Highway 6 to the west (followed by residential dwellings);

- The overall topography of the Site is generally flat. Surface drainage is handled via drainage ditches located along the eastern, southern and western property boundaries;

- The total size of the Site is approximately 1.1 hectares (2.8 acres);

- Based on a review of historical information sources (i.e., Fire Insurance Plan (FIPs), aerial photographs, environmental database searches, physical setting sources, interviews, and a Site reconnaissance), the Site has been utilized for residential purposes from at least the late 1980s until present (1497, 1499 and 1505 Old Plains Road West) or vacant undeveloped lands (1511 Old Plains Road West);

- No adjacent and/or neighbouring properties are considered to represent a potential environmental concern to the Site; and,

- At the time of the Landtek's Site visit, there was no evidence of chemical manufacturing/storage, and/or underground storage tanks (USTs) on the Site. There was no observed evidence of fill pipes, breather pipes or ground depressions that may indicate the presence of any UST's. No above ground storage tanks (ASTs) were observed on the Site.

7.0 CONCLUSIONS

Based on the Phase 1 ESA findings, no issues of potential environmental concern were identified for the Site.

8.0 RECOMMENDATIONS

Based on the findings of this Phase 1 ESA, no further work is required.
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9.0 QUALIFICATIONS OF ASSESSOR(S) AND CLOSURE

Qualifications

Completion of the assessment was conducted by Ms. Rachel Hlywka, who has 5 years of related environmental experience including completion of numerous Phase One and Two ESA's and Site remediation activities on a variety of agricultural, residential, industrial, commercial and industrial properties.

Senior review of the assessment was conducted by Mr. Paul J Blunt, P.Eng. who has conducted and supervised Environmental Site Assessments for more than 35 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 1 Environmental Site Assessments and 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 2 Environmental Site Assessments and is therefore familiar with how to assess potential concerns identified during the Phase 1 ESA. Mr. Blunt has conducted and supervised environmental projects throughout Canada, the United States and Australia.

We trust that this report is satisfactory for your purposes at this time. If you have any questions, please do not hesitate to contact our office.

Yours truly,

LANDTEK LIMITED

Rachel Hlywka

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

APPENDIX A

LIMITATION OF THE REPORT

Limitations of the Report

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.

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. The findings within this ESA utilized information that was practically reviewable per O. Reg. 153/04, meaning that only relevant data relating to the Site has been incorporated into the findings, disregarding extraordinary analysis of irrelevant data. The investigation conducted for this ESA was limited to data that was reasonably ascertainable, meaning that the information was publicly available, obtainable within the cost and time constraints under the scope of services for this project, and practically available.

It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and Site evaluation. Subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the surficial observations. Additionally, the passage of time may result in a change in the environmental characteristics at this Site and surrounding properties. Landtek does not warrant against future operations or conditions, or against operations or conditions present of a type or at a location not investigated.

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.

The primary direction of groundwater flow is assumed to follow topography, unless otherwise indicated by measurement of potentiometric surface or other quantifiable data.

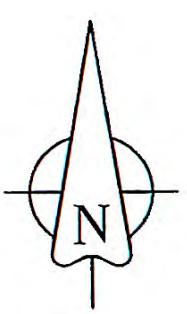
Sampling and analysis of soil, groundwater, or other materials was not carried out as part of the scope of work. The findings of the assessment cannot be extended to reflect portions of the Site that were unavailable for direct observation by Landtek Limited.

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.

APPENDIX B

HISTORICAL MAP AND AERIAL PHOTOGRAPHS

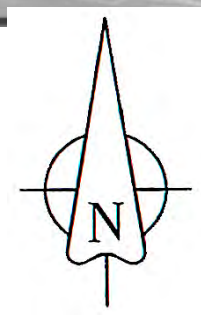




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Scale:	NTS	Date: April 2023
Project:	Phase 1 ESA 1497, 1499, 1505 and 1511 Old Plains Road West Burlington , Ontario	
Title:	Historical Map - 1875	
Project No.	23072	

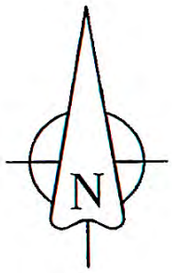




LANDTEK LIMITE

Scale:	NTS	Date: April 2023
Project:	Phase 1 ESA 1497, 1499, 1505 and 1511 Old Plains Road West Burlington , Ontario	
Title:	Aerial Photograph - 1934	
Project No.	23072	





LANDTEK LIMIT

Scale:	NTS	Date: April 2023
Project:	Phase 1 ESA 1497, 1499, 1505 and 1511 Old Plains Road West Burlington , Ontario	
Title:	Aerial Photograph - 1950	
Project No.	23072	

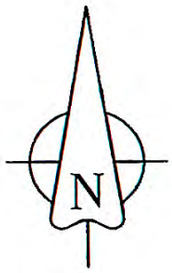




LANDTEK LIMITED

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Project No.	23072	

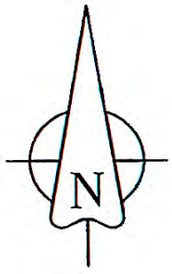




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Title:	Aerial Photograph - 1973	
Project No.	23072	





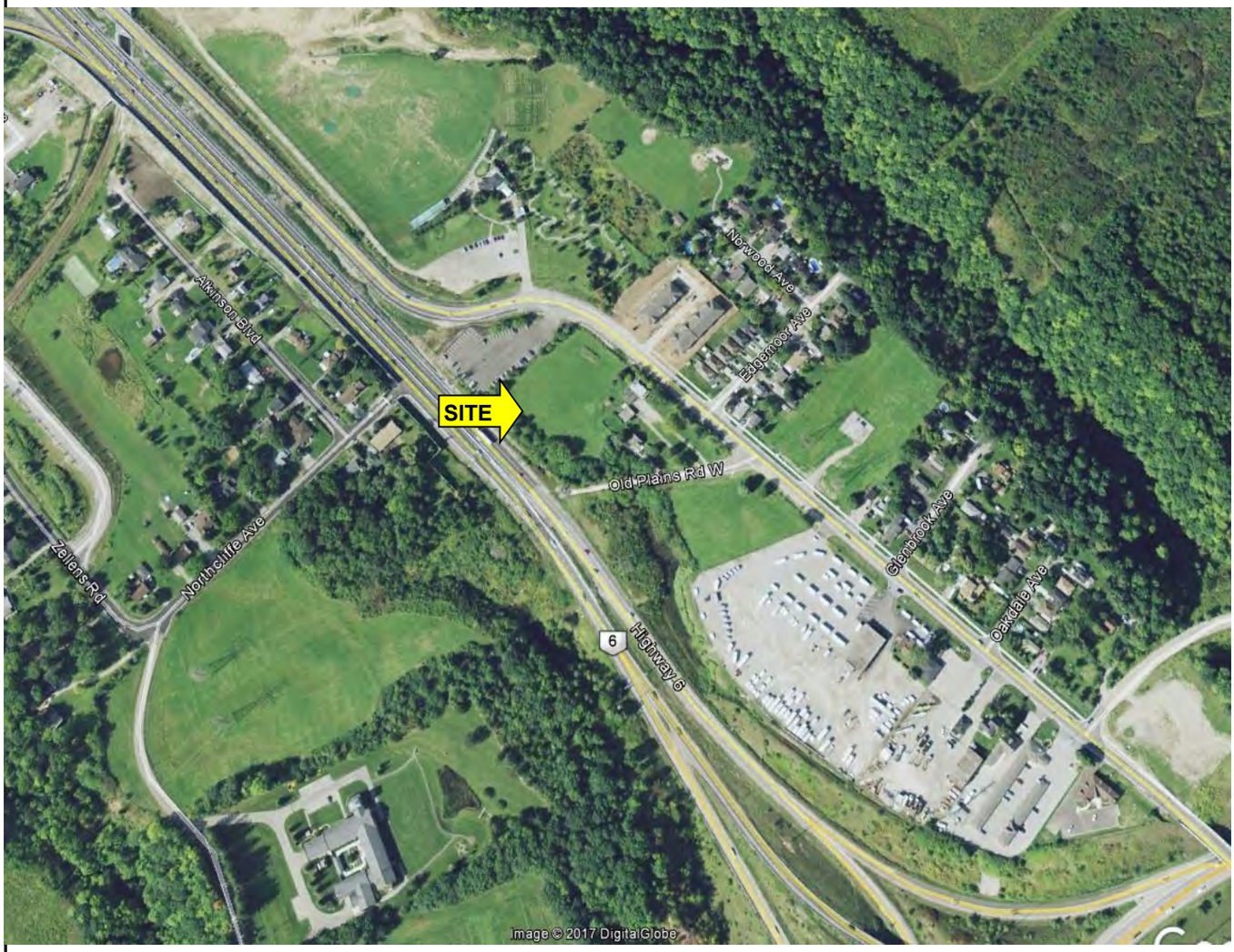
LANDTEK LIMITE		
Scale:	NTS	Date: April 2023
Project:	Phase 1 ESA 1497, 1499, 1505 and 1511 Old Plains Road West Burlington , Ontario	
Title:	Aerial Photograph - 1986	
Project No.	23032	

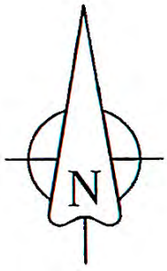


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LANDTEK LIMITED

Scale:	NTS	Date: April 2023
Project:	Phase 1 ESA 1497, 1499, 1505 and 1511 Old Plains Road West Burlington , Ontario	
Title:	Aerial Photograph - 2004	
Project No.	45017	





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Scale:	NTS	Date: April 2023
Project:	Phase 1 ESA 1497, 1499, 1505 and 1511 Old Plains Road West Burlington , Ontario	
Title:	Aerial Photograph - 2012	
Project No.	23072	

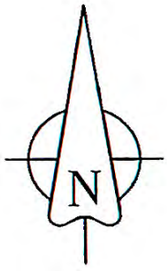


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LANDTEK LIMITED

Scale:	NTS	Date: April 2023
Project:	Phase 1 ESA 1497, 1499, 1505 and 1511 Old Plains Road West Burlington , Ontario	
Title:	Aerial Photograph - 2013	
Project No.	23072	

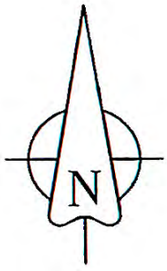




LANDTEK LIMITED

Scale:	NTS	Date: April 2023
Project:	Phase 1 ESA 1497, 1499, 1505 and 1511 Old Plains Road West Burlington , Ontario	
Title:	Aerial Photograph - 2016	
Project No.	23072	





LANDTEK LIMITED		
Scale:	NTS	Date: April 2023
Project:	Phase 1 ESA 1497, 1499, 1505 and 1511 Old Plains Road West Burlington , Ontario	
Title:	Aerial Photograph - 2019	
Project No.	23072	

APPENDIX C

ENVIRONMENTAL RISK INFORMATION SYSTEM (ERIS) DATA

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Old Plains Rd W, New Horizon* *1511 Old Plans Road* *Burlington ON*
Project No:	*17195*
Report Type:	*Standard Report*
Order No:	*20170530155*
Requested by:	*Landtek Limited*
Date Completed:	*June 5, 2017*

Environmental Risk Information Services
A division of Glacier Media Inc.
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www.erisinfo.com

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Executive Summary

Property Information:

Project Property:		*Old Plains Rd W, New Horizon* *1511 Old Plans Road Burlington ON*
Project No:		*17195*
Coordinates:		
	Latitude:	*43.297698*
	Longitude:	*-79.896226*
	UTM Northing:	*4,794,465.94*
	UTM Easting:	*589,531.59*
	UTM Zone:	*UTM Zone 17T*
Elevation:		*429 FT* *130.76 M*

Order Information:

Order No:	*20170530155*
Date Requested:	*May 30, 2017*
Requested by:	*Landtek Limited*
Report Type:	*Standard Report*

Historical/Products:

Aerial Photographs	*National Collection - Digital (PDF)*
City Directory Search	*Subject Site plus 10 Adjacent Properties*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Specific Plans*
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*	*0*	*0*
CA	***Certificates of Approval***	*Y*	*0*	*0*	*0*
CFOT	***Commercial Fuel Oil Tanks***	*Y*	*0*	*0*	*0*
CHEM	***Chemical Register***	*Y*	*0*	*0*	*0*
CNG	***Compressed Natural Gas Stations***	*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*	*1*	*3*	*4*
EIIS	***Environmental Issues Inventory System***	*Y*	*0*	*0*	*0*
EMHE	***Emergency Management Historical Event***	*Y*	*0*	*0*	*0*
EXP	***List of TSSA Expired Facilities***	*Y*	*0*	*0*	*0*
FCON	***Federal Convictions***	*Y*	*0*	*0*	*0*
FCS	***Contaminated Sites on Federal Land***	*Y*	*0*	*0*	*0*
FOFT	***Fisheries & Oceans Fuel Tanks***	*Y*	*0*	*0*	*0*
FST	***Fuel Storage Tank***	*Y*	*0*	*0*	*0*
FSTH	***Fuel Storage Tank - Historic***	*Y*	*0*	*0*	*0*
GEN	***Ontario Regulation 347 Waste Generators Summary***	*Y*	*0*	*1*	*1*
GHG	***Greenhouse Gas Emissions from Large Facilities***	*Y*	*0*	*0*	*0*
HINC	***TSSA Historic Incidents***	*Y*	*0*	*0*	*0*
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*

Database	Name	Searched	Project Property	Within 0.25 km	Total
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
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	13	13
	Total:		1	18	19

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		1511 Old Plains Rd W Burlington ON L7T1L8	E/17.1	-0.85	13

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		lot 13 con 2 ON	S/23.0	-2.29	13
3	WWIS		lot 13 con 2 ON	E/32.7	-1.49	15
4	WWIS		lot 13 con 1 ON	S/83.3	-5.84	17
5	WWIS		lot 13 con 2 ON	ENE/83.8	0.03	19
6	WWIS		ON	NE/119.1	0.56	21
7	WWIS		lot 13 con 1 ON	ENE/144.6	-0.90	22
8	SPL	TRANSPORT TRUCK	PLAINS ROAD WEST AT OLD PLAINS ROAD TRANSPORT TRUCK (CARGO) BURLINGTON CITY ON	ESE/148.3	-3.54	24
9	WWIS		lot 13 con 2 ON	NNW/160.6	1.94	24
10	WWIS		lot 13 con 2 ON	NE/171.0	-0.65	27
11	WWIS		lot 13 con 1 ON	E/174.3	-0.98	30
12	WWIS		lot 13 con 1 ON	ENE/182.4	-0.93	32
13	EHS		1535 Plains Road West Burlington ON L7T 4H1	NNW/205.8	3.23	34
13	EHS		1535 Plains Road West Burlington ON L7T 4H1	NNW/205.8	3.23	34
13	GEN	WEDGE WOOD GOLF CENTRE 42-566	1535 PLAINS ROAD WEST BURLINGTON ON L7T 4H1	NNW/205.8	3.23	34
14	WWIS		lot 13 con 1 ON	ESE/209.9	-7.71	34
15	WWIS		lot 13 con 1 ON	ENE/217.0	-1.28	36
16	WWIS		lot 28 con 2 ON	W/237.7	2.14	38
17	EHS		1451 Plains Road West Burlington ON L7T 1H9	ESE/246.9	-5.85	40

Executive Summary: Summary By Data Source

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	1535 Plains Road West Burlington ON L7T 4H1	NNW	205.78	13
	1535 Plains Road West Burlington ON L7T 4H1	NNW	205.78	13

Lower Elevation	Address	Direction	Distance (m)	Map Key
	1511 Old Plains Rd W Burlington ON L7T1L8	E	17.07	1
	1451 Plains Road West Burlington ON L7T 1H9	ESE	246.93	17

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Sep 2016 has found that there are 1 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
WEDGE WOOD GOLF CENTRE 42-566	1535 PLAINS ROAD WEST BURLINGTON ON L7T 4H1	NNW	205.78	13

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2016 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
TRANSPORT TRUCK	PLAINS ROAD WEST AT OLD PLAINS ROAD TRANSPORT TRUCK (CARGO) BURLINGTON CITY ON	ESE	148.31	8

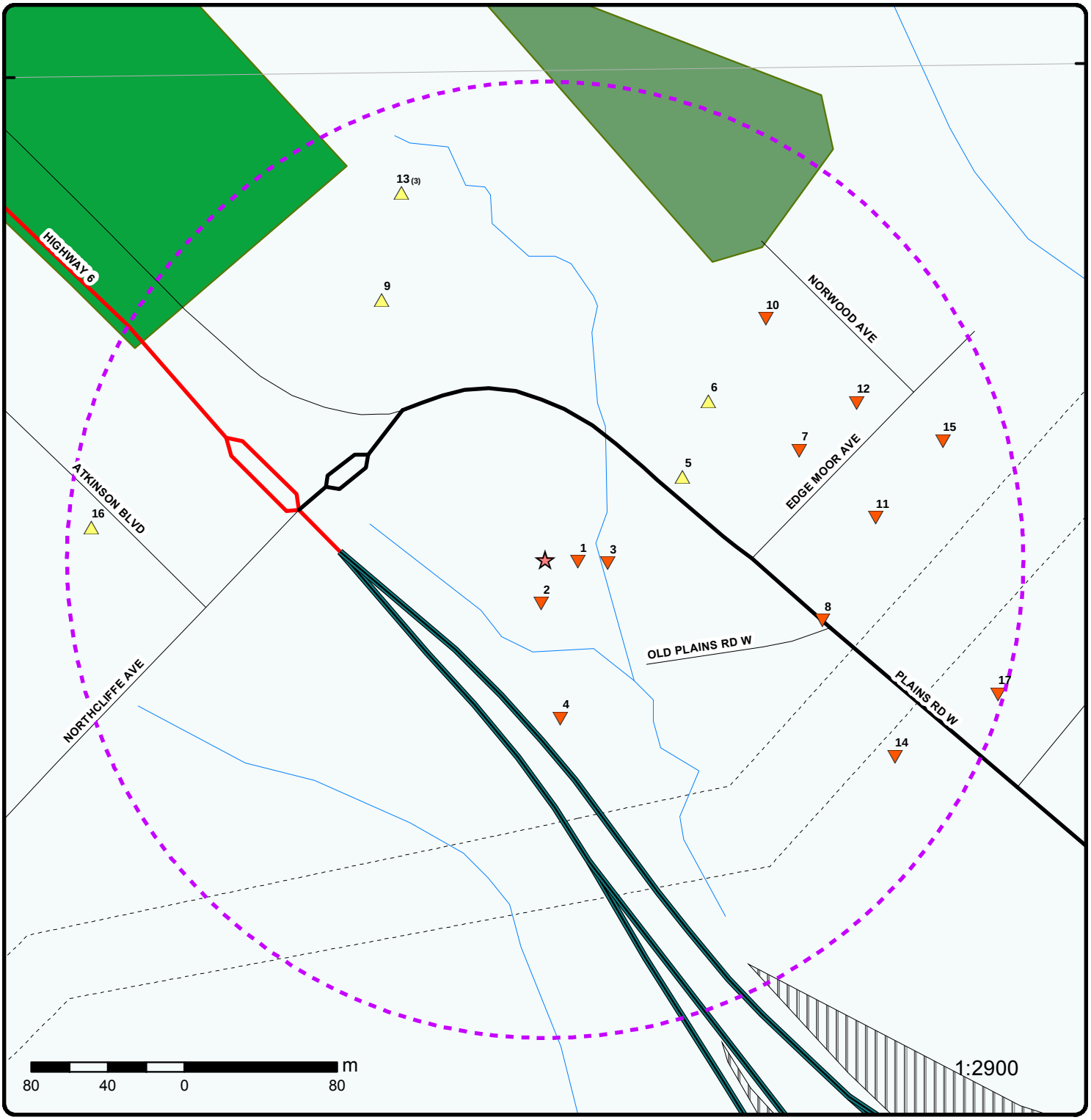
WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30, 2016 has found that there are 13 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 13 con 2 ON	ENE	83.82	5

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	NE	119.14	6
	lot 13 con 2 ON	NNW	160.64	9
	lot 28 con 2 ON	W	237.70	16

Lower Elevation	Address	Direction	Distance (m)	Map Key
	lot 13 con 2 ON	S	23.03	2
	lot 13 con 2 ON	E	32.67	3
	lot 13 con 1 ON	S	83.31	4
	lot 13 con 1 ON	ENE	144.64	7
	lot 13 con 2 ON	NE	171.05	10
	lot 13 con 1 ON	E	174.31	11
	lot 13 con 1 ON	ENE	182.41	12
	lot 13 con 1 ON	ESE	209.89	14
	lot 13 con 1 ON	ENE	216.98	15



Map : 0.25 Kilometer Radius

Order No: 20170530155

Address: 1511 Old Plans Road, Burlington, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

- 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
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

Source: © 2015 DMTI Spatial Inc.

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79°54'W

43°18'N



43°18'N

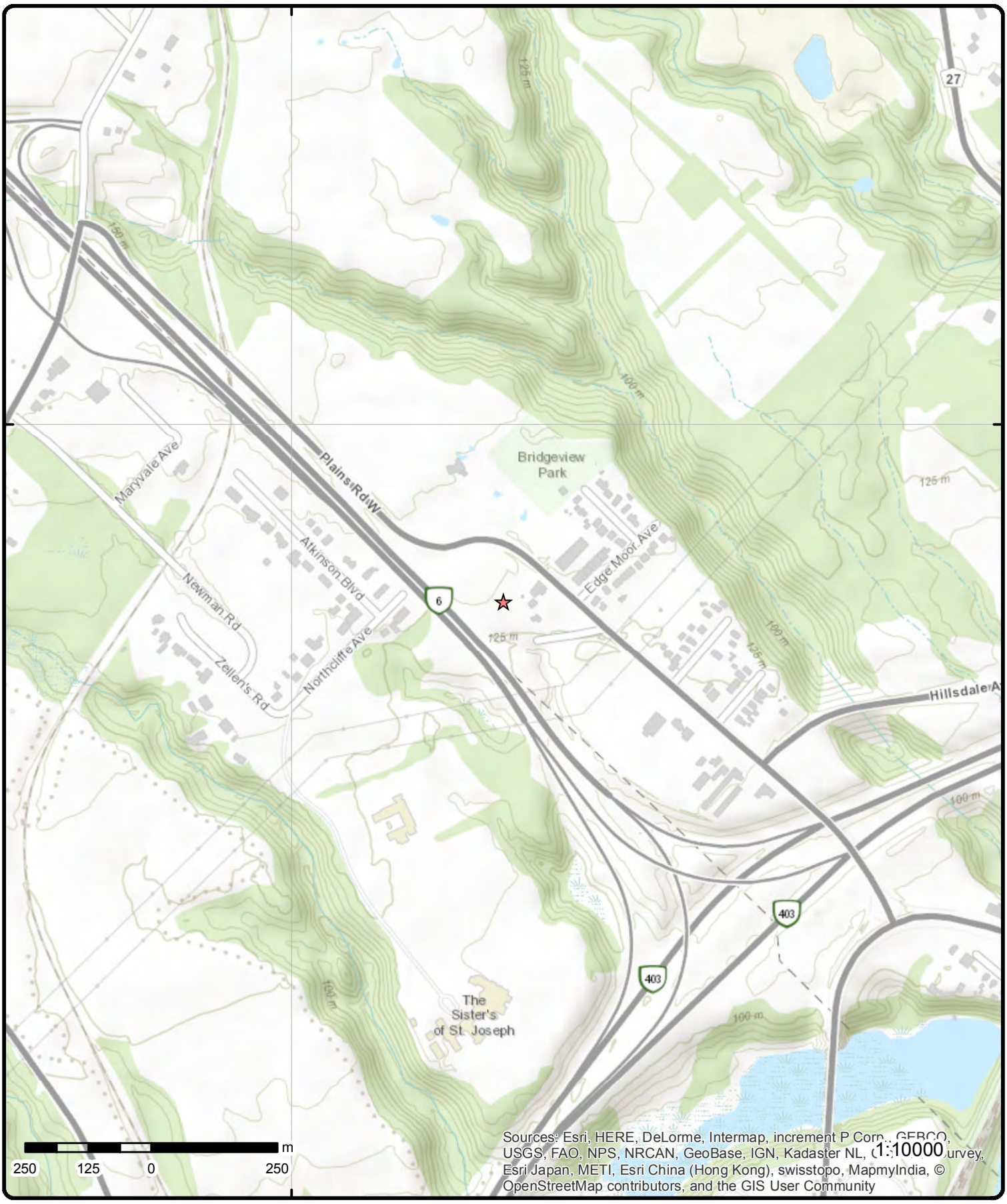
Aerial

Order No: 20170530155

Address: 1511 Old Plans Road, Burlington, ON

Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: 1511 Old Plans Road, Burlington, ON

Source: ESRI World Topographic Map

Order No: 20170530155

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	E/17.1	129.9	1511 Old Plains Rd W Burlington ON L7T1L8	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20140102009
Addit. Info Ordered:: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory
Report Date: 10-JAN-14
Report Type: Custom Report
Search Radius (km): .25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
2	1 of 1	S/23.0	128.5	lot 13 con 2 ON	WWIS

Well ID: 2800352
Construction Date::
Primary Water Use:: Domestic
Sec. Water Use::
Final Well Status:: Water Supply
Specific Capacity::
Municipality: BURLINGTON CITY
County: HALTON

Lot: 013
Concession: 02
Concession Name: FEF
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
-- --
Bore Hole ID: 10146909
DP2BR: 31
Code OB: r
Code OB Description: Bedrock
Open Hole:
Date Completed: 20-MAY-52
Remarks:
Zone: 17
East 83: 589529.5
North 83: 4794443
UTMRC: 9
UTMRC Description: unknown UTM
Location Method: p9
Org CS:
Elevation: 128.32
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:
-- --
Overburden and Bedrock Materials Interval

--	--
Formation ID:	931421788
Layer:	1
General Color:	
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	31
Formation End Depth UOM:	ft
--	--
Formation ID:	931421789
Layer:	2
General Color:	RED
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	31
Formation End Depth:	50
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962800352
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10695479
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930249970
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	31
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930249971
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	50
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	992800352
Pump Set At:	
Static Level:	25
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933601580
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft
--	--
--	--

3 **1 of 1** **E/32.7** **129.3** **lot 13 con 2 ON** **WWIS**

Well ID:	2806245	**Lot:**	013
Construction Date::		**Concession:**	02
Primary Water Use::	Domestic	**Concession Name:**	FEF
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::		**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	10152523
DP2BR:	2
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	03-MAY-84
Remarks:	
Zone:	17
East 83:	589564.2
North 83:	4794464
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	gps
Org CS:	
Elevation:	128.22
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	931442038
Layer:	1
General Color:	
Most Common Material:	TOPSOIL

Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft
--	--
Formation ID:	931442039
Layer:	2
General Color:	RED
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	2
Formation End Depth:	35
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962806245
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10701093
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930259284
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	14
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	992806245
Pump Set At:	
Static Level:	10
Final Level After Pumping:	35
Recommended Pump Depth:	32
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	1
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934174505
Pump Test ID:	992806245
Test Type:	

Test Duration:	15
Test Level:	25
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934449148
Pump Test ID:	992806245
Test Type:	
Test Duration:	30
Test Level:	15
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934717079
Pump Test ID:	992806245
Test Type:	
Test Duration:	45
Test Level:	10
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933609487
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	22
Water Found Depth UOM:	ft
--	--
--	--

4 **1 of 1** **S/83.3** **124.9** **lot 13 con 1 ON** **WWIS**

Well ID:	2800300	**Lot:**	013
Construction Date::		**Concession:**	01
Primary Water Use::	Domestic	**Concession Name:**	FEF
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	10146857
DP2BR:	20
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	17-MAY-52
Remarks:	
Zone:	17
East 83:	589539.5
North 83:	4794383
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	125.52
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	

Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	931421646
Layer:	1
General Color:	RED
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft
--	--
Formation ID:	931421647
Layer:	2
General Color:	RED
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	35
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962800300
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10695427
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930249877
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930249878
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	35
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	992800300
Pump Set At:	
Static Level:	20

Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933601530
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	33
Water Found Depth UOM:	ft
--	--
--	--

5 | ***1 of 1*** | ***ENE/83.8*** | ***130.8*** | ***lot 13 con 2 ON*** | ***WWIS***

Well ID:	2800357	***Lot:***	013
Construction Date::		***Concession:***	02
Primary Water Use::	Domestic	***Concession Name:***	FEF
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Water Supply	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	BURLINGTON CITY	***UTM Reliability::***	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	10146914
DP2BR:	10
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	19-JUN-62
Remarks:	
Zone:	17
East 83:	589603.5
North 83:	4794509
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	130.24
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	

--	--
Formation ID:	931421805
Layer:	1
General Color:	RED
Most Common Material:	TOPSOIL
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft
--	--
Formation ID:	931421806
Layer:	2
General Color:	RED
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	33
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962800357
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10695484
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930249980
Layer:	1
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	33
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	992800357
Pump Set At:	
Static Level:	14
Final Level After Pumping:	
Recommended Pump Depth:	25
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	1
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N
--	--

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

Water Details	
--	--
Water ID:	933601585
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	33
Water Found Depth UOM:	ft
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
6	1 of 1	NE/119.1	131.3	ON	WWIS

Well ID:	7050027	**Lot:**	
Construction Date::		**Concession:**	
Primary Water Use::		**Concession Name:**	
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Abandoned-Other	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	23050027
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	15-AUG-07
Remarks:	
Zone:	17
East 83:	589617
North 83:	4794549
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	130.73
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Annular Space/Abandonment	
Sealing Record	
--	--
Plug ID:	44005487
Layer:	1
Plug From:	0
Plug To:	6
Plug Depth UOM:	ft
--	--
Plug ID:	44005488
Layer:	2
Plug From:	6
Plug To:	18
Plug Depth UOM:	ft
--	--
Plug ID:	44005489

Layer:	3
Plug From:	18
Plug To:	32
Plug Depth UOM:	ft
--	--
Pipe Information	
--	--
Pipe ID:	29050027
Casing Number:	0
Comment:	
Alt Name:	
--	--

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7 **1 of 1** **ENE/144.6** **129.9** **lot 13 con 1 ON** **WWIS**

Well ID:	2800307	**Lot:**	013
Construction Date::		**Concession:**	01
Primary Water Use::	Domestic	**Concession Name:**	FEF
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	10146864
DP2BR:	66
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	31-MAR-62
Remarks:	
Zone:	17
East 83:	589664.5
North 83:	4794523
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	130.12
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	931421662
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft
--	--
Formation ID:	931421663

Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	66
Formation End Depth UOM:	ft
--	--
Formation ID:	931421664
Layer:	3
General Color:	
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	66
Formation End Depth:	70
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962800307
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10695434
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930249891
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	66
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930249892
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	992800307
Pump Set At:	
Static Level:	35
Final Level After Pumping:	50
Recommended Pump Depth:	60
Pumping Rate:	18
Flowing Rate:	
Recommended Pump Rate:	6
Levels UOM:	ft
Rate UOM:	GPM

Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933601537
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	69
Water Found Depth UOM:	ft
--	--
--	--

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8 | ***1 of 1*** | ***ESE/148.3*** | ***127.2*** | ***TRANSPORT TRUCK***
PLAINS ROAD WEST AT OLD PLAINS ROAD
TRANSPORT TRUCK (CARGO)
BURLINGTON CITY ON | ***SPL***

Ref No:	127911
Contaminant Code:	
Contaminant Name:	
Contaminant Quantity:	
Incident Cause:	CONTAINER OVERFLOW
Incident Dt:	6/15/1996
Incident Reason:	ERROR
Incident Summary:	MGI CARRIER-100 L OF RENDERINGS TO ROAD, CLEANED UP.
MOE Reported Dt:	6/15/1996
Environmental Impact:	NOT ANTICIPATED
Nature of Impact:	Water course or lake
Receiving Medium:	LAND
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	14101

---

9 | ***1 of 1*** | ***NNW/160.6*** | ***132.7*** | ***lot 13 con 2***
ON | ***WWIS***

Well ID:	2806383	**Lot:**	013
Construction Date::		**Concession:**	02
Primary Water Use::	Commerical	**Concession Name:**	FEF
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	10152654
DP2BR:	25
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	21-DEC-85
Remarks:	
Zone:	17

East 83:	589446.2
North 83:	4794602
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	gps
Org CS:	
Elevation:	133.26
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	931442607
Layer:	1
General Color:	GREY
Most Common Material:	CLAY
Other Materials:	LOOSE
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft
--	--
Formation ID:	931442608
Layer:	2
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	LOOSE
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	16
Formation End Depth UOM:	ft
--	--
Formation ID:	931442609
Layer:	3
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	SAND
Other Materials:	LOOSE
Formation Top Depth:	16
Formation End Depth:	20
Formation End Depth UOM:	ft
--	--
Formation ID:	931442610
Layer:	4
General Color:	RED
Most Common Material:	CLAY
Other Materials:	LOOSE
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	25
Formation End Depth UOM:	ft
--	--
Formation ID:	931442611
Layer:	5
General Color:	RED
Most Common Material:	SHALE
Other Materials:	HARD
Other Materials:	
Formation Top Depth:	25

Formation End Depth:	60
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962806383
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10701224
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930259536
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	27
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930259537
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	992806383
Pump Set At:	
Static Level:	22
Final Level After Pumping:	59
Recommended Pump Depth:	59
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	1
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934175581
Pump Test ID:	992806383
Test Type:	Draw Down
Test Duration:	15
Test Level:	59
Test Level UOM:	ft
--	--

Pump Test Detail ID:	934449655
Pump Test ID:	992806383
Test Type:	Draw Down
Test Duration:	30
Test Level:	59
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934717167
Pump Test ID:	992806383
Test Type:	Draw Down
Test Duration:	45
Test Level:	59
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934969777
Pump Test ID:	992806383
Test Type:	Draw Down
Test Duration:	60
Test Level:	59
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933609657
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	52
Water Found Depth UOM:	ft
--	--
Water ID:	933609658
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft
--	--
--	--

10 | ***1 of 1*** | ***NE/171.0*** | ***130.1*** | ***lot 13 con 2 ON*** | ***WWIS***

Well ID:	2806861	**Lot:**	013
Construction Date::		**Concession:**	02
Primary Water Use::	Domestic	**Concession Name:**	FEF
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information

--	--
Bore Hole ID:	10153127
DP2BR:	18
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	25-MAR-88
Remarks:	
Zone:	17
East 83:	589647.2
North 83:	4794592
UTMRC:	3

UTMRC Description:	margin of error : 10 - 30 m
Location Method:	gps
Org CS:	
Elevation:	130.34
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	931444643
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	LOOSE
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	14
Formation End Depth UOM:	ft
--	--
Formation ID:	931444644
Layer:	2
General Color:	RED
Most Common Material:	CLAY
Other Materials:	LOOSE
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	18
Formation End Depth UOM:	ft
--	--
Formation ID:	931444645
Layer:	3
General Color:	RED
Most Common Material:	SHALE
Other Materials:	HARD
Other Materials:	
Formation Top Depth:	18
Formation End Depth:	40
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962806861
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10701697
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930260420
Layer:	1
Open Hole or Material:	STEEL

Depth From:	
Depth To:	18
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930260421
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	40
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	992806861
Pump Set At:	
Static Level:	17
Final Level After Pumping:	36
Recommended Pump Depth:	37
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	3
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934177243
Pump Test ID:	992806861
Test Type:	Recovery
Test Duration:	15
Test Level:	17
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934451282
Pump Test ID:	992806861
Test Type:	Recovery
Test Duration:	30
Test Level:	17
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934710018
Pump Test ID:	992806861
Test Type:	Recovery
Test Duration:	45
Test Level:	17
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934971405
Pump Test ID:	992806861
Test Type:	Recovery
Test Duration:	60
Test Level:	17
Test Level UOM:	ft
--	--
--	--
Water Details	

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

--	--
Water ID:	933610266
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	18
Water Found Depth UOM:	ft
--	--
--	--

11	1 of 1	E/174.3	129.8	lot 13 con 1 ON	WWIS

Well ID:	2800305	Lot:	013
Construction Date::		Concession:	01
Primary Water Use::	Domestic	Concession Name:	FEF
Sec. Water Use::		Easting NAD83::	
Final Well Status::	Water Supply	Northing NAD83::	
Specific Capacity::		Zone::	
Municipality:	BURLINGTON CITY	UTM Reliability::	
County:	HALTON		

Bore Hole Information

--	--
Bore Hole ID:	10146862
DP2BR:	4
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	18-JUN-59
Remarks:	
Zone:	17
East 83:	589704.5
North 83:	4794488
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	129.06
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock Materials Interval

--	--
Formation ID:	931421657
Layer:	1
General Color:	
Most Common Material:	TOPSOIL
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft
--	--
Formation ID:	931421658
Layer:	2
General Color:	BROWN
Most Common Material:	CLAY

Other Materials:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	4
Formation End Depth UOM:	ft
--	--
Formation ID:	931421659
Layer:	3
General Color:	RED
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	4
Formation End Depth:	60
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962800305
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10695432
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930249887
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	18
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930249888
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	992800305
Pump Set At:	
Static Level:	20
Final Level After Pumping:	60
Recommended Pump Depth:	60
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	1
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1

Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933601535
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35
Water Found Depth UOM:	ft
--	--
--	--

12 | **1 of 1** | **ENE/182.4** | **129.8** | **lot 13 con 1 ON** | **WWIS**

Well ID:	2800303	**Lot:**	013
Construction Date::		**Concession:**	01
Primary Water Use::	Domestic	**Concession Name:**	FEF
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	10146860
DP2BR:	14
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	25-APR-57
Remarks:	
Zone:	17
East 83:	589694.5
North 83:	4794548
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	129.84
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	931421653
Layer:	1
General Color:	
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	14
Formation End Depth UOM:	ft

--	--
Formation ID:	931421654
Layer:	2
General Color:	RED
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	35
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962800303
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10695430
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930249883
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	14
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930249884
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	35
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	992800303
Pump Set At:	
Static Level:	10
Final Level After Pumping:	35
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N
--	--
Water Details	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site		DB
--		--				
Water ID:		933601533				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found Depth:		35				
Water Found Depth UOM:		ft				
--		--				
--		--				

13	1 of 3	NNW/205.8	134.0	1535 Plains Road West Burlington ON L7T 4H1		EHS

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20110624004
Addit. Info Ordered::	
Report Date:	6/30/2011
Report Type:	Custom Report
Search Radius (km):	0.25

13	2 of 3	NNW/205.8	134.0	1535 Plains Road West Burlington ON L7T 4H1		EHS

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20120213022
Addit. Info Ordered::	Fire Insur. Maps and/or Site Plans; Aerial Photos; Topographic Maps
Report Date:	2/22/2012 11:53:03 AM
Report Type:	Custom Report
Search Radius (km):	0.35

13	3 of 3	NNW/205.8	134.0	WEDGE WOOD GOLF CENTRE 1535 PLAINS ROAD WEST BURLINGTON ON L7T 4H1	42-566	GEN

PO Box Num:	
Status:	
Country:	
Generator #:	ON1632100
Approval Yrs::	92,93,94,95,96,97,98
SIC Code:	9651
SIC Description:	GOLF COURSES
--Details--	
Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS

14	1 of 1	ESE/209.9	123.0	lot 13 con 1 ON		WWIS

Well ID:	2800306	**Lot:**	013
Construction Date::		**Concession:**	01

Primary Water Use::	Domestic	***Concession Name:***	FEF
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Water Supply	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	BURLINGTON CITY	***UTM Reliability::***	
County:	HALTON		

Bore Hole Information

--	--
Bore Hole ID:	10146863
DP2BR:	6
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	21-JUL-59
Remarks:	
Zone:	17
East 83:	589714.5
North 83:	4794363
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	123.81
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock Materials Interval

--	--
Formation ID:	931421660
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft
--	--
Formation ID:	931421661
Layer:	2
General Color:	RED
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	80
Formation End Depth UOM:	ft
--	--

Method of Construction & Well Use

--	--
Method Construction ID:	962800306
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--

Pipe Information

--	--

Pipe ID:	10695433
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930249889
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	16
Casing Diameter:	8
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930249890
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	80
Casing Diameter:	8
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	992800306
Pump Set At:	
Static Level:	20
Final Level After Pumping:	80
Recommended Pump Depth:	80
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	1
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933601536
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	32
Water Found Depth UOM:	ft
--	--
--	--

15 | ***1 of 1*** | ***ENE/217.0*** | ***129.5*** | ***lot 13 con 1 ON*** | ***WWIS***

Well ID:	2800304	***Lot:***	013
Construction Date::		***Concession:***	01
Primary Water Use::	Domestic	***Concession Name:***	FEF
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Water Supply	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	BURLINGTON CITY	***UTM Reliability::***	

County:	HALTON
Bore Hole Information	
--	--
Bore Hole ID:	10146861
DP2BR:	15
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	14-MAY-57
Remarks:	
Zone:	17
East 83:	589739.5
North 83:	4794528
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	129.97
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	931421655
Layer:	1
General Color:	
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft
--	--
Formation ID:	931421656
Layer:	2
General Color:	RED
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	45
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962800304
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10695431
Casing Number:	1
Comment:	
Alt Name:	
--	--

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

Construction Record - Casing	
--	--
Casing ID:	930249885
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	15
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930249886
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	45
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	992800304
Pump Set At:	
Static Level:	10
Final Level After Pumping:	45
Recommended Pump Depth:	
Pumping Rate:	0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933601534
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft
--	--
--	--

16 | ***1 of 1*** | ***W/237.7*** | ***132.9*** | ***lot 28 con 2 ON*** | ***WWIS***

Well ID:	6807099	***Lot:***	028
Construction Date::		***Concession:***	02
Primary Water Use::	Domestic	***Concession Name:***	CON
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Water Supply	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	WEST FLAMBOROUGH TOWNSHIP	***UTM Reliability::***	
County:	WENTWORTH		

Bore Hole Information	
--	--
Bore Hole ID:	10484530

DP2BR:	18
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	21-MAR-69
Remarks:	
Zone:	17
East 83:	589294.5
North 83:	4794483
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	131.89
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	932684335
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	18
Formation End Depth UOM:	ft
--	--
Formation ID:	932684336
Layer:	2
General Color:	RED
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	18
Formation End Depth:	26
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	966807099
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11033100
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930792351
Layer:	1
Open Hole or Material:	CONCRETE

Depth From:	
Depth To:	26
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	996807099
Pump Set At:	
Static Level:	4
Final Level After Pumping:	
Recommended Pump Depth:	25
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933975843
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	12
Water Found Depth UOM:	ft
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
17	1 of 1	ESE/246.9	124.9	1451 Plains Road West Burlington ON L7T 1H9	EHS

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20110726008
Addit. Info Ordered::	
Report Date:	8/4/2011
Report Type:	Standard Select Report
Search Radius (km):	0.25

Unplottable Summary

Total: 10 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	The Corporation of the City of Burlington	Plains Rd W Lots 9 to 13, Concession 1	Burlington ON	
CA	SAMPURAN ENTERPRISES LTD.	PLAINS RD. EAST KINGS LANDING	BURLINGTON CITY ON	
CA	Burlington Association For The Intellectually Handicapped	Lot 13, Concession 1 South of Dundas Street	Burlington ON	
CA	REGIONAL MUNICIPALITY OF HALTON	PT. LOT 13, CONC. 1 & 2	BURLINGTON CITY ON	
CA	REGIONAL MUNICIPALITY OF HALTON	PT. LOT 13, CONC. 1 & 3	BURLINGTON CITY ON	
NPCB	ONTARIO HYDRO	RP 99 BRANTS BLOCK, LOT 13 BURLINGTON T.S.	BURLINGTON ON	
SPL	TRANSPORT TRUCK	HWY #6, 1 MILE NORTH OF CLAPPISONS CORNERS TRANSPORT TRUCK (CARGO)	DUNDAS TOWN ON	
SPL	TRANSPORT TRUCK	PLAINS ROAD NEAR 403/401. MOTOR VEHICLE (OPERATING FLUID)	BURLINGTON CITY ON	
SPL		Plains Road, near QEW Niagara & Plains Rd	Burlington ON	
SPL		Highway 6 offramp to 403 Eastbound	Burlington ON	

Unplottable Report

Site: ***The Corporation of the City of Burlington***
Plains Rd W Lots 9 to 13, Concession 1 Burlington ON

Database: ***CA***

Certificate #:	1895-7H4N9P
Application Year:	2008
Issue Date:	8/8/2008
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site: ***SAMPURAN ENTERPRISES LTD.***
PLAINS RD. EAST KINGS LANDING BURLINGTON CITY ON

Database: ***CA***

Certificate #:	3-2066-87-
Application Year:	87
Issue Date:	11/20/1987
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site: ***Burlington Association For The Intellectually Handicapped***
Lot 13, Concession 1 South of Dundas Street Burlington ON

Database: ***CA***

Certificate #:	4147-5HCH7U
Application Year:	2003
Issue Date:	1/6/2003
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: ***REGIONAL MUNICIPALITY OF HALTON***
PT. LOT 13, CONC. 1 & 2 BURLINGTON CITY ON

Database: ***CA***

Certificate #:	7-1212-92-
Application Year:	92

Issue Date: 1/5/1993
Approval Type: Municipal water
Status: Approved in 1993
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***REGIONAL MUNICIPALITY OF HALTON***
PT. LOT 13, CONC. 1 & 3 BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-1598-92-
Application Year: 92
Issue Date: 1/5/1993
Approval Type: Municipal sewage
Status: Approved in 1993
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***ONTARIO HYDRO***
RP 99 BRANTS BLOCK, LOT 13 BURLINGTON T.S. BURLINGTON ON

Database: ***NPCB***

Company Code: O0856
Industry: UTILITY
Site Status:
Transaction Date: 7/22/1998
Inspection Date:

Site: ***TRANSPORT TRUCK***
HWY #6, 1 MILE NORTH OF CLAPPISONS CORNERS TRANSPORT TRUCK (CARGO) DUNDAS TOWN ON

Database: ***SPL***

Ref No: 28566
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Dt: 12/6/1989
Incident Reason: ERROR
Incident Summary: TRANSPORT TRUCK-120 L DIESEL FUEL TO ROAD AND DITCH.
MOE Reported Dt: 12/6/1989
Environmental Impact:
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 16402

Site: ***TRANSPORT TRUCK***
PLAINS ROAD NEAR 403/401. MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON

Database: ***SPL***

Ref No: 80602

Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: TRUCK/TRAILER OVERTURN
Incident Dt: 1/5/1993
Incident Reason: ERROR
Incident Summary: FREDERICK TRANSPORT-UNKN QTY DIESEL FUEL TO ROAD DUE TO TRUCK OVERTURN.
MOE Reported Dt: 1/5/1993
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 14101

Site: ***Database:*** ***SPL***

Plains Road, near QEW Niagara & Plains Rd Burlington ON

Ref No: 6643-7RQNSZ
Contaminant Code:
Contaminant Name: REFRIGERANT GAS, N.O.S.
Contaminant Quantity: 681 kg
Incident Cause: Pipe Or Hose Leak
Incident Dt:
Incident Reason: Equipment Failure
Incident Summary: Fortino's: 681kg of R507 released to atm
MOE Reported Dt: 5/4/2009
Environmental Impact: Confirmed
Nature of Impact: Air Pollution; Other Impact(s)
Receiving Medium:
SAC Action Class: Air Spills - Gases and Vapours
Sector Source Type: Other
Receiving Environment:
Incident Event:
Site Municipality: Burlington

Site: ***Database:*** ***SPL***

Highway 6 offramp to 403 Eastbound Burlington ON

Ref No: 5287-7JTJ5M
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 300 L
Incident Cause: Other Transport Accident
Incident Dt:
Incident Reason: Spill
Incident Summary: TT accident. Hwy 6 and 403E 300 L to grd and catch basin
MOE Reported Dt: 9/25/2008
Environmental Impact: Confirmed
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium:
SAC Action Class: Watercourse Spills
Sector Source Type: Transport Truck
Receiving Environment:
Incident Event:
Site Municipality: Burlington

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2016

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999 - Oct 2016

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM

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

Government Publication Date: 1999 - Oct 2016

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 31, 2012

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

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Mar 2017

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Apr 2017

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886-Aug 2015

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Mar 2017

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Apr 2017

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Mar 2017

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Aug 2016

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities: Provincial EXP

List of facilities with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: June 2000-Aug 2016

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sept 2003

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Sep 2016

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2015

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2017

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2014

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008 - Dec 2016

National Energy Board Wells: Federal NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-2014

Oil and Gas Wells: Private OGW

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

Government Publication Date: 1988-Jan 2017

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Oct 2016

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Apr 2017

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: 1988-Oct 2016

TSSA Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Apr 2017

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2013

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2017

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999 - Oct 2016

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Dec 2016

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-2014

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Jan 2015

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: 1970-Mar 2017

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Jun 30, 2016

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 are included as reference.

APPENDIX D

PHOTOGRAPHS OF TYPICAL SITE CONDITIONS

Photograph 1	
Fill of Unknown Quality	

Photograph 2	
Property Frontage from Old Plains Road West	

LANDTEK LIMITED

Project No. 23072	Date: March 20, 2023
Phase 1 Environmental Site Assessment 1497-1511 Old Plains Road West, Burlington, Ontario	
Title:	Current Site Conditions

Photograph 3 Piezometer Well Tag	

Photograph 4 1511 Old Plains Road East Facing	

LANDTEK LIMITED

Project No. 23072	Date: March 20, 2023
Phase 1 Environmental Site Assessment 1497-1511 Old Plains Road West, Burlington, Ontario	
Title:	Current Site Conditions