PROJECT NO.: SM 200216-E

MAY 22, 2020

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2076 OLD LAKESHORE ROAD
BURLINGTON, ONTARIO

PREPARED FOR:

VRANCOR DEVELOPMENTS

Soil-Mat

BY

SOIL-MAT ENGINEERS & CONSULTANTS LTD.
130 LANCING DRIVE
HAMILTON, ONTARIO
L8W 3A1

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1.0 EXECUTIVE SUMMARY

The Phase One Environmental Site Assessment [ESA] conducted for this Site consisted of a historical records review, interviews and a site reconnaissance.

At the time of this Report, the Site was comprised of an irregular shaped parcel of land that was occupied by the following structures:

- a 2-storey dwelling that had been converted to three [3] residential rental units. There is also a basement level in the structure;
- a single-storey ten [10] unit motel [recognised as the Ascot Motel]. There is also a partial basement level in the structure, and;
- a single-storey flat roof cabin that was rented out as a residential unit. A basement level is not present in the cabin structure.

The remainder of the Phase One property was comprised of landscaped aeras to the north and east of the three-unit residential structure and rental cabin and asphaltic-concrete parking areas to the east of the motel. A landscaped area was also present along the southern limit of the property.

The Phase One ESA research revealed four [4] potentially contaminating activities [PCAs] on the Phase One ESA Site, including the following:

- A Fire Insurance Plan from 1910 illustrates a former building on the Site. Historically, it was a common practise to demolish buildings and utilise the remaining construction debris and/or various imported fill material(s) to backfill the basement level of structures, if present;
- A Fire Insurance Plan from 1932 illustrates two [2] underground storage tanks [USTs] on the Site;
- Fill material of unknown quality may be present in the vicinity of the noted UST nest area if the USTs have been removed, and;
- Aerial photographs from 1988 and 2004 illustrate an in-ground pool at the northeast corner of the Site. This pool was not observed on the property at the time of our site reconnaissance. As such, there is a potential for fill material of unknown quality in the immediate vicinity of the former pool.

The lands in the general vicinity of the Site are comprised of a mixture of retail commercial, parkland and residential lands. The Phase One ESA research revealed one historical PCA on lands in the Phase One ESA Study Area that is considered a potential environmental liability to the Site, including the following item:

- The Vernon City Directories revealed a 'Sunoco Service Station' operated in close proximity to the Phase One property from pre-1960 to 1982 at 2071 Lakeshore Road. In addition, a 1971 Fire Insurance Plan illustrates an UST on the 2071 Lakeshore Road property. This property is located approximately 40 metres north-northwest [up-gradient] from the Phase One property.

The specific PCAs associated with the listed items are as follows:

PCA Number	PCA Description	Location of the PCA
30	Importation of Fill Material of Unknown Quality	On-Site [associated with the in-filling of a former in-ground swimming pool].
30	Importation of Fill Material of Unknown Quality	On-Site [associated with the former residential dwelling].
28	Gasoline and Associated Products Storage in Fixed Tanks	On-Site [associated with two [2] former on-site USTs.
30	Importation of Fill Material of Unknown Quality	
28	Gasoline and Associated Products Storage in Fixed Tanks	Off-site: Up-gradient of the Phase One property [associated with the historical operation of a retail fuel outlet and associated UST].

Based on the findings of the Phase One Environmental Site Assessment, SOIL-MAT ENGINEERS & CONSULTANTS LTD. find the potential of Site contamination to be considered **MEDIUM** and therefore recommend that additional investigations **ARE** required at this time, pending the results of the Ministry of the Environment database search which will be forwarded to VRANCOR DEVELOPMENTS under a separate cover once they are received in our Office.

To reduce SOIL-MAT ENGINEERS' degree of uncertainty associated with the environmental liabilities listed above, further assessment activities are recommended. Each environmental liability, and our rationale for further assessment activities, is provided below:

Environmental Liability	Recommendation	Rationale
1. PCA No.: 30: Importation of Fill Material of Unknown Quality	Advance two [2] boreholes within the footprint of the former on-site building. The contaminants of potential concern [COPCs] should include Metals.	Assess the potential adverse impacts to the soil medium as a result of the demolished on-site building.
2. PCA No.: 30: Importation of Fill Material of Unknown Quality	Advance two [2] boreholes within the footprint of the former in-ground swimming pools. The COPCs should include Metals.	Assess the potential adverse impacts to the soil medium as a result of the former in-ground swimming pool.

Environmental Liability	Recommendation	Rationale
3. PCA No.: 28: Gasoline and Associated Products Storage in Fixed Tanks	Advance three [3] to four [4] boreholes and install groundwater monitoring wells in the vicinity of the former UST nest area. The COPCs should include Petroleum Hydrocarbons [PHCs], Volatile Organic Compounds [VOCs], Benzene, Toluene, Ethylbenzene and Xylene mixture [BTEX] and Metals.	Assess the potential adverse impacts to the soil and groundwater medium as a result of former USTs.
4. PCA No.: 30: Importation of Fill Material of Unknown Quality	Advance two [2] boreholes within the former UST nest. The COPCs should include PHCs, VOCs, BTEX and Metals.	Assess the potential adverse impacts to the soil medium as a result of fill material used to fill the former underground storage tanks.
5. PCA No.: 28: Gasoline and Associated Products Storage in Fixed Tanks	Advance two [2] to three [3] boreholes and install groundwater monitoring wells along the northern property line. The COPCs should include PHCs, VOCs, BTEX and Metals.	Assess the potential adverse impacts to the soil and groundwater medium as a result of the off-site retail fuel outlet.

Although not considered an environmental liability to the Site, given the construction date of the building, it is possible that designated substances, such as asbestos containing materials, and ozone depleting substances, may be present in the buildings. As such, it is recommended that a non-intrusive designated substance survey of the buildings be undertaken before any planned demolition activities that may disturb building materials to identify where possible, designated substances that may be present in the buildings.

In addition to the above, this Office should be contacted to make arrangements for the two [2] existing groundwater monitoring wells to be decommissioned by a licensed well contractor. In addition, if a suspected groundwater well is encountered during future construction activities to make arrangements for the water well to be abandoned as per *Ontario Regulation 903 – Water Wells*.

2.0 INTRODUCTION

VRANCOR DEVELOPMENTS retained SOIL-MAT ENGINEERS & CONSULTANTS LTD. [SOIL-MAT ENGINEERS] to conduct a Phase One Environmental Site Assessment [ESA] for the property located at 2076 Old Lakeshore Road in the City of Burlington, Ontario. The Phase One property is hereinafter referred to as the 'Site'.

2(A) PHASE ONE PROPERTY INFORMATION

The Site is comprised of the following parcel of land:

1. 2076 Old Lakeshore Road, Burlington, Ontario [the property identification number (PIN) is '07061-0019']. The registered property owner is 1959025 Ontario Inc.

At the time of this Report, the Site was comprised of an irregular shaped parcel of land that was occupied by the following structures:

- a 2-storey dwelling that had been converted to three [3] residential rental units. There is also a basement level in the structure;
- a single-storey ten [10] unit motel [recognised as the Ascot Motel]. There is also a partial basement level in the structure, and;
- a single-storey flat roof cabin that was rented out as a residential unit. A basement level is not present in the cabin structure.

The remainder of the Site was comprised of landscaped aeras to the north and east of the three-unit residential structure and rental cabin and asphaltic-concrete parking areas to the east of the motel. A landscaped area was also present along the southern limit of the property.

The Site was bounded to the north by Old Lakeshore Road, to the east by existing commercial lands [Emma's Back Porch], to the south by Lake Ontario and to the west by a walkway and a high-rise residential building under construction.

For descriptive purposes, Old Lakeshore Road has been designated as having an east-west alignment.

The legal description of the Site is "Lot 1 Block U, Compiled Plan PL92, Part Lot 2 Block U, Compiled Plan PL92, Part 1, 20R5383; Burlington".

The geographic coordinates of the Site using a hand held global positioning unit are [NAD 83] 17T 597900E/ 4797670N.

A general site location drawing and overview of the Phase One ESA study area are included in Appendix 'A' for reference.

3.0 SCOPE OF INVESTIGATION

The Phase One ESA follows the protocol outlined in *Ontario Regulation 153/04 [as amended]*, which suggests a four-step approach to Phase One Environmental Site Assessments, including the following;

1. RECORDS REVIEW: including aerial photographs, property use records, title search, previous Phase One ESA reports, regulatory agency documentation, company records, Site specific geotechnical reports and any other relevant material;

2. SITE VISITATION: including a visual reconnaissance of the Site, suspect adjacent properties, and the different land uses within the vicinity of the Site;

3. INTERVIEWS: including persons that may have pertinent information with regard to the Site, including contacts from the City of Burlington, Ministry of Environment, Conservation and Parks [MOE], and current / previous land owners, etc.;

4. EVALUATIONS: Based on the information gathered, a professional evaluation of the property is presented in a final Phase One ESA Report.

Ontario Regulation 153/04 [as amended] lists fifty-nine [59] potentially contaminating activities [PCAs] that require intrusive assessment activities, i.e. a Phase Two ESA, to determine if an adverse environmental impact is present on the Site if a PCA is found to have occurred on the Phase One ESA Site. In some circumstances a Phase Two ESA may be required if a PCA has occurred on a neighbouring or nearby property within the Phase One ESA study area if deemed necessary by the Qualified Person [QP] overseeing the Phase One ESA. However, it is noted that under *Ontario Regulation 153/04* [as amended] the mandatory Phase Two ESA activities apply only to properties that are subject to a Record of Site Condition. It is our understanding that this Phase One ESA report is required as a supporting document for the submission of a Record of Site Condition [RSC] for the Site.

4.0 RECORDS REVIEW

4(a)i PHASE ONE ESA STUDY AREA DETERMINATION

The Phase One ESA Study Area consists of the lands generally in a 250-metre radius from the limits of the Phase One ESA property. These lands are primarily comprised of a mixture of retail commercial, parkland and residential lands.

The research undertaken during this Phase One ESA revealed information that suggests there are multiple PCAs on the Site as well as a PCA on a nearby property that may contribute to an area of potential environmental concern [APEC] on the Phase One ESA property.

Additional information, specific to the nature of the land use of the properties of interest in the Phase One ESA Study Area is presented in Section 4(a)iii, 4(a)v, 4(a)vi, and 4(c) of this Report.

4(a)ii FIRST DEVELOPED USE DETERMINATION

Based on the available information compiled during the completion of this Report, including City directories, aerial photographs, topographic and fire plans, etc., the first developed use of the Site was before 1909 as residential lands. The Site was then redeveloped circa 1924 to 1932 and was utilised as mixed commercial [motel structure] and residential lands.

4(a)iii FIRE INSURANCE PLANS

The Underwriter's Survey Bureau Limited Fire Insurance Plans were reviewed for the purpose of identifying structures, building materials and/ or underground storage tanks that may have been present on/ or near the Site.

A summary of SOIL-MAT ENGINEERS' findings is present below:

Date of Plan	Findings
Sept. 1971	An UST is illustrated at an auto service station located at 2092 Old Lakeshore Road. This property is located approximately 60 metres east-northeast from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred ground water flow direction an adverse environmental impact to the Site from this property is considered remote.
Sept. 1971	An UST is illustrated at an auto service station located at 2119 Lakeshore Road. This property is located approximately 170 metres northeast from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred ground water flow direction an adverse environmental impact to the Site from this property is considered remote.
Sept. 1971	An UST is illustrated at an auto service station located at 2031 Lakeshore Road. This property is located approximately 180 metres west from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred ground water flow direction an adverse environmental impact to the Site from this property is considered remote.

Date of Plan	Findings
Sept. 1971	An UST is illustrated at an auto service station located at 2042 Old Lakeshore Road. This property is located approximately 120 metres west-southwest from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred ground water flow direction an adverse environmental impact to the Site from this property is considered remote.
Sept. 1971	An UST is illustrated at an auto service station located at 2071 Old Lakeshore Road. This property is located approximately 40 metres north-northwest from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred ground water flow direction, there may be an adverse environmental impact to the Site from this property.
May 1932	Two [2] USTs are illustrated a property identified as '40 Water Street East'. This property is now recognised as 2076 Old Lakeshore Road or the 'Site'. As USTs are identified on the Site, there is a potential for an adverse environmental impact to the Site. In addition, a building [identified as a 'booth'] is illustrated on the Site.
May 1932	Two [2] USTs are illustrated on a retail fuel outlet located at 21 Water Street East. This property is now recognised as 2031 Lakeshore Road, which is approximately 180 metres west from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred ground water flow direction an adverse environmental impact to the Site from this property is considered remote.
May 1932	Two [2] USTs are illustrated on an 'automotive garage and repairs' property located at 23 Water Street East. This property is now recognised as 399 Elizabeth Street, which is approximately 150 metres west from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred ground water flow direction an adverse environmental impact to the Site from this property is considered remote.
May 1932	Three [3] USTs are illustrated on the former 'Oak Bank Inn' property located at 32 Water Street East. This property is now recognised as 2042 Lakeshore Road, which is approximately 120 metres west-southwest from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred ground water flow direction an adverse environmental impact to the Site from this property is considered remote.
May 1932	Two [2] USTs are illustrated on an automotive' garage & service station' property located at 75 Water Street East. This property is now recognised as 2119 Lakeshore Road, which is approximately 170 metres northeast from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred ground water flow direction an adverse environmental impact to the Site from this property is considered remote.
May 1924	Two [2] USTs are illustrated on an automotive' garage & service station' property located at 75 Water Street East. This property is now recognised as 2119 Lakeshore Road, which is approximately 170 metres northeast from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred ground water flow direction an adverse environmental impact to the Site from this property is considered remote.
July 1910	The plan illustrates a former building on the Site. It was a common historical practise to demolish building(s) and utilise the remaining construction debris and various fill material(s) to backfill the basement level of the structures. As such, the former building poses a potential environmental liability to the Site.

4(a)iv CHAIN OF TITLE

A representative of SOIL-MAT ENGINEERS undertook a title search of the Site on the Ontario Land Registry Website [https://www.onland.ca/ui/].

The title search of the Site did not reveal any past owners of the Site that may suggest there is a potential environmental liability on the Site.

The Site was owned 1959025 Ontario Inc. at the time of the title search.

The chain of previous ownership is presented below:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
2017 to Present	1959025 Ontario Inc.	The property was occupied by a motel [commercial use] and two [2] structures utilised as rental residential units [residential use].	Residential and Commercial	• An aerial photograph from 2018 illustrates the property as a mixed commercial and residential use property.
1981 to 2017	Ante Tony Vrkljan & Maria Vrkljan	The property was occupied by a motel [commercial use] and two [2] residential structures [residential use].	Residential and Commercial	• Aerial photographs from 1988, 2004, and 2011 illustrate the property as a mixed commercial and residential use property. • A topographic map from 1999 illustrates the property as 'developed' land.
1979 to 1981	Alfred R. McNalley	The property was occupied by a motel [commercial use] and a dwelling [residential use].	Residential and Commercial	• There were no readily available visual aids for the property for this time period.
1974 to 1979	George William Brown & Ella M. Brown	The property was occupied by a motel [commercial use] and a dwelling [residential use].	Residential and Commercial	• An aerial photograph from 1978 illustrates the property as a mixed commercial and residential use property.
1972 to 1974	Ingram S. Investments Ltd.	The property was occupied by a motel [commercial use] and a dwelling [residential use].	Residential and Commercial	• There were no readily available visual aids for the property for this time period.
1970 to 1972	June Irene Doherty	The property was occupied by a motel [commercial use] and a dwelling [residential use].	Residential and Commercial	• A fire insurance plan from 1971 illustrates the property as a mixed commercial and residential use property.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
1962 to 1970	Harold George Hooper & Mabel Ada Hooper	The property was occupied by a motel [commercial use] and a dwelling [residential use].	Residential and Commercial	• A topographic map from 1968 illustrates the property as 'developed' land.
1943 to 1962	Frederick Wake & Ada Gloria Wake	The property was occupied by a motel [commercial use] and a dwelling [residential use].	Residential and Commercial	• Aerial photographs from 1954 and 1960 illustrate the property as a mixed commercial and residential use property.
1930 to 1943	James A. McGill	The property was redeveloped from residential as commercial land circa 1924 to 1932.	Commercial	• A fire insurance plan from 1932 illustrates one building and two [2] USTs on the property • A topographic map from 1938 illustrates the property as undeveloped land.
1930 to 1930	Harold Lister Lazier	The property was redeveloped from residential as commercial land circa 1924 to 1932.	Residential and Commercial	• There were no readily available visual aids for the property for this time period.
1912 to 1930	Fred Skelton	The property was redeveloped from residential as commercial land circa 1924 to 1932.	Residential and Commercial	• A fire insurance plan from 1924 illustrates the property as vacant land.
1911 to 1912	William Kerns & Fred Skelton	The property was comprised of residential land.	Residential	• There were no readily available visual aids for the property for this time period.
1905 to 1911	William Kerns & Martha Ann McDonald	The property was first developed as residential land, prior to 1909 [the first readily available visual aid for the Site].	Residential	• A topographic map from 1909 illustrates a dwelling on the property. • A fire insurance plan from 1910 illustrates a dwelling on the property.
1889 to 1905	William Kerns & John Henry	As there were no readily available visual aids prior to 1907, it is unclear when the property was first developed as residential land.	Agriculture or Other and Residential	• There were no readily available visual aids for the property for this time period.
1875 to 1889	William Kerns & Adam Middleton Sharpe	As there were no readily available visual aids prior to 1907, it is unclear when the property was first developed as residential land.	Agriculture or Other and Residential	• There were no readily available visual aids for the property for this time period.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
1871 to 1875	William Kerns & Joseph Ireland	As there were no readily available visual aids prior to 1907, it is unclear when the property was first developed as residential land.	Agriculture or Other and Residential	• There were no readily available visual aids for the property for this time period.
1870 to 1871	Joseph Ireland & William Burton	As there were no readily available visual aids prior to 1907, it is unclear when the property was first developed as residential land.	Agriculture or Other and Residential	• There were no readily available visual aids for the property for this time period.
1868 to 1870	Joseph Ireland & Jonathan Galloway	As there were no readily available visual aids prior to 1907, it is unclear when the property was first developed as residential land.	Agriculture or Other and Residential	• There were no readily available visual aids for the property for this time period.
1846 to 1868	Joseph Ireland & William Day	As there were no readily available visual aids prior to 1907, it is unclear when the property was first developed as residential land.	Agriculture or Other and Residential	• There were no readily available visual aids for the property for this time period.
1842 to 1846	Thomas Wright & William Day	As there were no readily available visual aids prior to 1907, it is unclear when the property was first developed as residential land.	Agriculture or Other and Residential	• There were no readily available visual aids for the property for this time period.
1840 to 1842	Andrew Gage & William Day	As there were no readily available visual aids prior to 1907, it is unclear when the property was first developed as residential land.	Agriculture or Other and Residential	• There were no readily available visual aids for the property for this time period.
1833 to 1840	Andrew Gage	As there were no readily available visual aids prior to 1907, it is unclear when the property was first developed as residential land.	Agriculture or Other and Residential	• There were no readily available visual aids for the property for this time period.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
1810 to 1833	James Gage	As there were no readily available visual aids prior to 1907, it is unclear when the property was first developed as residential land	Agriculture or Other and Residential	• There were no readily available visual aids for the property for this time period.
1798 to 1810	Joseph Brant	As there were no readily available visual aids prior to 1907, it is unclear when the property was first developed as residential land	Agriculture or Other and Residential	• There were no readily available visual aids for the property for this time period.
Up to 1798	Crown	The property was comprised of fallow agricultural land.	Agriculture or Other	• There were no readily available visual aids for the property for this time period.

A copy of the title search is included in Appendix 'B' for reference.

4(a)V ENVIRONMENTAL REPORTS

SOIL-MAT ENGINEERS contacted the City of Burlington to request a copy of previous environmental reports for the Site that may be on file with the City. However, the results were not available during the completion of this Report, and will be sent under a separate cover as soon as they are received in our Office.

In addition, a search of the Ministry of Environment, Conservation and Parks' [MOE] *Brownfields Environmental Site Registry* did not reveal a previous Phase One ESA that may have been undertaken on the Site.

Our e-mail correspondence with the City is included in Appendix 'C' of this Report for reference.

In addition to the above, SOIL-MAT ENGINEERS' was previously retained by DIV CONSTRUCTION to undertake a Phase One Environmental Site Assessment on the property in 2013. It is our understanding that the findings of the 2013 Phase One ESA have been shared with VRANCOR DEVELOPMENTS by the original 2013 Client.

The results of the Phase One ESA Report were reported to DIV CONSTRUCTION under the Project Number 'SM 135088-E, dated May 27, 2013.

The findings of the 2013 Phase One ESA concluded:

> *Based on the findings of the Phase I Environmental Site Assessment, SOIL-MAT ENGINEERS & CONSULTANTS LTD. find the potential of Site contamination to be considered **MEDIUM** and therefore recommend that additional investigations **ARE** required at this time, pending the results of the Ministry of the Environment database*

search which will be forwarded to DIV CONSTRUCTION under a separate cover once they are received in our Office.

The areas of concern identified during this Phase I ESA are listed below:

- *The Phase I ESA research revealed a gasoline service station formerly operated on the Site;*
- *The Phase I ESA research revealed a gasoline service station formerly operated to the north-northwest, approximately 40 metres from the Site, and;*
- *The reconnaissance of the Site revealed suspected fill material on the Site in the vicinity of a former in-ground pool.*

To reduce SOIL-MAT ENGINEERS' degree of uncertainty associated with the environmental liabilities listed above, further assessment activities are recommended. Each environmental liability, and our rationale for further assessment activities, is provided below.

Environmental Liability	***Recommendation***	***Rationale***
Former On-Site Gasoline Service Station	*Advance several boreholes and install ground water monitoring wells in the vicinity of the underground storage tanks illustrated in the 1932 Fire Insurance Plans.*	*Confirm or refute the presence of soil and ground water impact from the possible gasoline service station.*
Former Nearby Gasoline Service Station	*Advance several boreholes and install ground water monitoring wells along the north property line down-gradient the gasoline service station.*	*Confirm or refute the presence of soil and ground water impact from the gasoline service station.*
Pre-existing Fill Material of an Unknown Quality	*Advance several shallow test pits within the area of fill material on the Site.*	*Assess the environmental characteristics of the fill material to determine its suitability for use on a residential property.*

In addition to the above, SOIL-MAT ENGINEERS' was previously retained by DIV CONSTRUCTION to undertake a Geotechnical Investigation [GI] on the property in 2013.

The GI included the advancement of three [3] sampled boreholes on the property on May 13, 2013. The boreholes were advanced to depths ranging between approximately 5.0 to 9.1 metres below ground surface. The results of the GI were reported under our Project Number 'SM 135064-G, dated May 28, 2013 and are summarized below.

Pavement Structure

A pavement structure consisting of approximately 75 millimetres of asphaltic concrete overlying 150 millimetres of compact granular base was encountered at all borehole locations.

Sand

Brown Sand was encountered at all borehole locations beneath the pavement structure. This Sand was fine in gradation, contained traces of fine Gravel and was proven to depths of approximately 2.2 metres. The Sand encountered in the boreholes was in a generally compact state.

Silty Clay

A layer of brown to greyish brown Silty Clay was encountered at all borehole locations beneath the Sand. This cohesive material contained traces of fine to medium Gravel and shale fragments, and was very stiff to hard in consistency. The Silty Clay was proven to depths of approximately 3.0 to 3.5 metres beneath the surrounding ground surface.

Queenston Shale

Queenston Shale was encountered beneath the Silty Clay layer at all borehole locations. The Shale was red, severely weathered in the upper levels, becoming more sound with depth, and containing occasional more resistant grey layers. The degree of weathering in the upper levels of the Queenston Shale is such that it tends to exhibit the properties of a hard cohesive soil, or weak rock. The bedrock was not cored as part of this investigation.

Groundwater Conditions

All boreholes were recorded as 'dry' upon completion of drilling. It should be noted that insufficient time would have passed for the static groundwater level to stabilise in the open borehole after drilling. Monitoring wells were installed in Borehole Nos. 1 and 2 for future groundwater measurements and sampling as a part of Environmental Site Assessments conducted by our office (which will be reported under a separate cover). The water levels in the monitoring wells were recorded on May 30, 2012 as approximately 4.8 metres and 6.9 metres in Borehole Nos. 1 and 2, respectively.

4(a)VI HISTORICAL SITE USE AND CONDITIONS/PAST LAND USES

The Vernon City Directory series were reviewed dating back to 1960 [the earliest readily available directory for the Site and surrounding lands] to establish the general historical land use on and in the immediate vicinity of the Site.

A summary of SOIL-MAT ENGINEERS' findings for the Site is provided below:

Occupant	Years Occupied
Ascot Motel	14+ years [1999 – present]
Vacant	1+ year[s] [1995 only year listed]
Ascot Motel	30+ years [Before 1960 – 1990]
Vrkljan, A.	5+ years [2008 – present]
Reid, F.	10+ years [1985 – 1995]
McNally, F.	1+ year[s] [1990 only year listed]
Fougere, L.	1+ year[s] [1990 only year listed]
Brown, E.	1+ year[s] [1980 only year listed]

Brown, G.W.	1+ year[s] [1975 only year listed]
Hooper, H.G.	5+ years [1965 – 1970]
Wale, F.	1+ year[s] [1960 only year listed]

The directories do not list any current or past occupant of the Site that should be considered a potential environmental liability to the Site.

A summary of the historical occupants of interest on the adjoining properties is listed below in table format:

Location	Property	Occupant	Years Occupied
2042 Lakeshore Road [Located ~120 metres west-southwest of the Site]	Commercial	Petro-Canada	7 years [1983 – 1990]
	Commercial	Fina Service Station	22+ years [Before 1960 – 1982]
2071 Lakeshore Road [Located ~40 metres north-northwest of the Site]	Commercial	Sunoco Service Station	22+ years [Before 1960 – 1982]
2031 Lakeshore Road [Located ~180 metres west of the Site]	Commercial	Texaco Service Station	10 years [1965 – 1975]
	Commercial	Rock, J. Service Station	2+ years [Before 1960 – 1962]
2119 Lakeshore Road [Located ~170 metres northeast of the Site]	Commercial	Esso Service Station	18+ years [Before 1960 – 1978]
2092 Lakeshore Road [Located ~60 metres east-northeast of the Site]	Commercial	BP Service Station	7 years [1966 – 1973]
	Commercial	Cities Service Station	5+ years [Before 1960 – 1965]

A historical tenant of the 2071 Lakeshore Road property includes 'Sunoco Service Station', which carried out operations as a retail fuel outlet, which is considered a PCA. Given the distance between this property and the Site and location of the property to the Site with respect to the inferred ground water flow direction an adverse environmental impact originating on this property may have an adverse environmental impact on the Site.

With respect to the other properties listed above, given the locations of the properties to the Site with respect to the inferred ground water flow direction and the distance between these properties and the Site an adverse environmental impact to the Site from these properties is considered remote.

With the exception of the properties listed above, the directories do not list any current or past occupant of the adjacent lands that should be considered a potential environmental liability to the Site.

4(b) ENVIRONMENTAL SOURCE INFORMATION

1. National Pollutant Release Inventory: No records were found for the Site or properties within the Phase One ESA Study.

2. A review of the Ministry of Environment and Energy's "Ontario Inventory of PCB Storage Sites", October, 1991, revealed the following storage sites:

Company	Site Number	Address	Major/Minor Site	Distance to Site
Bell Canada	30290A026	507 Brant Street	Minor	0.70 km WNW

With respect to the storage site listed above, given the distance between this property and the Site [approximately 700 metres west-northwest] and the location of this property to the Site with respect to the inferred ground water flow direction [trans-gradient], an adverse environmental impact to the Site originating from this property is considered remote.

It is noted that although the PCB storage site inventory is considered a comprehensive document, not all of the storage sites are listed in the inventory.

3. Environmental Compliance Approvals, Permit to Take Water, Certificate of Property Use: No records were found for the Site.

4. Coal Gasification Plants: No records were found for the Site or properties within the Phase One ESA Study.

5. Records Concerning Environmental Incidents, Orders, Offences, Spills, Discharges of Contaminants or Inspections Maintained by the MOE: Due to government institutions being closed at this time, SOIL-MAT ENGINEERS was unable contact the MOE to gather information with regard to the Site. As soon as these government institutions re-open, SOIL-MAT ENGINEERS will place a request for this information. However, the results of the 2013 MOE database searches did not reveal any information that suggested a need for further intrusive soil or ground water sampling on the Site.

6. Waste Management Records: No records were found for the Site or adjacent properties.

7. Reports Submitted to the MOE: No records were found for the Site or adjacent properties.

8. Retail Fuel Storage Tanks: SOIL-MAT ENGINEERS contacted the T.S.S.A. to undertake a search of the Site and neighbouring properties for the registered presence of any underground storage tanks. The T.S.S.A does not have records on file of any underground storage tanks located on the Site.

   The T.S.S.A. has a record of the following:

   - **2042 Lakeshore Road**. There is a record of an expired full-serve gas station approximately 120 metres west-southwest [trans-gradient] from the Site. Given the location of this property to the Site with respect to the inferred ground water flow direction and the distance between this property and the Site, an adverse environmental impact to the Site from this property is considered remote.

   It is however noted that the T.S.S.A. does not have records of USTs installed prior 1987. In addition, "private use" USTs were not registered with the agency

until 1990, and even then many owners of "private use" USTs do not register the tanks with T.S.S.A.

SOIL-MAT ENGINEERS' correspondence with the T.S.S.A. is included in Appendix 'D' for reference.

9. Notices and Instruments Posted to the MOE Registry: No records were found for the Site.

10. Identification of Areas of Natural Significance [Ministry of Natural Resources]: No records were found for area(s) of natural significance on the Site or adjacent properties.

11. Landfill Information Maintained by the MOE: A review of the Ministry of Environment and Energy's "Waste Disposal Site Inventory", June 1991, indicates no inactive or active landfill sites within a 2km radius of the Site. It is noted that although the waste disposal site inventory is considered a comprehensive inventory not all of the inactive landfill sites are listed in the inventory.

    In addition, no Municipal Coal Gasification Plants or Coal Tar Distillation Plants were in operation in the area.

12. EcoLog ERIS Database Search: A review of historical records and regulatory agency databases was completed for the Site and lands located within 250 metres from the boundaries of the Phase One ESA Site. The report includes information from the following sources:

    - Abandoned Aggregate Inventory
    - Aggregate Inventory
    - Borehole
    - Certificates of Approval
    - Environmental Registry
    - ERIS Historical Searches
    - Fuel Storage Tanks
    - Ontario Regulation 347 Waste Generators Summary
    - Private and Retail Fuel Storage Tanks
    - Record of Site Conditions
    - Ontario Spills
    - Water Well Information Systems

    The EcoLog ERIS database search report revealed limited PCAs on nearby properties. However, given the location of these properties to the Site with respect to the inferred groundwater flow direction and distance between these properties and the Site an adverse environmental impact to the Site is considered remote.

    A copy of the EcoLog ERIS Report is included in Appendix 'E' for reference.

4(C) PHYSICAL SETTING SOURCES

1. Aerial Photographs: Aerial photographs from 1954, 1960, 1978, 1988, 2004, 2011, and 2018 were available for the Site and surrounding lands and were reviewed by SOIL-MAT ENGINEERS.

A summary of information obtained from the aerial photographs is presented n table format below:

Aerial Photo Year [Scale]	Site Description	Description of Adjacent Lands
1954 [1:2,550]	A dwelling and motel are present on Site.	The surrounding lands are comprised of a mixture of residential and commercial lands.
1960 [1:4,050]	There are no significant changes to the surrounding lands.	There are no significant changes to the surrounding lands.
1978 1:2,100]	The three [3] unit residential structure is now present on Site. A pool is also present to the north of the dwelling.	There are no significant changes to the surrounding lands.
1988 [1:3,650]	There are no significant changes to the Site.	There are no significant changes to the surrounding lands.
2004 [1:2,500]	The pool to the north of the dwelling is no longer present.	Some of the buildings to the west of the Site have been demolished. Construction activities have commenced on a 'high-rise' structure to the west.
2011 [1:2,750]	There are no significant changes to the surrounding lands.	Additional 'high-rise' and residential developments are present to the west and north of the Site.
2018 [1:3,150]	There are no significant changes to the Site.	With the exception of some residential redevelopment to the west of the Site, there are no significant changes to the surrounding lands.

With the exception of a former in-ground swimming pool on the Site, the review of the noted aerial photographs did not reveal any information that would suggest there is a potential environmental liability on the Site.

The aerial photographs are included in Appendix 'F' for reference.

2. Topography, Hydrology, Geology: Readily available topographic maps for the Site and Phase One ESA study area were reviewed as part of this Phase One ESA and revealed the following information:

Map Year [Scale]	Site Description	Description of Surrounding Lands
1909 [1:63,360]	There is one building illustrated on the Site.	The Phase One ESA Study Area is comprised of sparse residential lands in a developing area.
1938 [1:63,360]	There are no buildings illustrated on the Site.	The Phase One ESA Study Area is comprised primarily of residential lands.
1968 [1:50,000]	The Site is illustrated in a shaded area of the map which indicates a 'built up' or 'developed' area.	The Phase One ESA Study Area is illustrated primarily in a shaded area of the map which indicates a 'built up' or 'developed' area.
1999 [1:50,000]	The Site is illustrated in a shaded area of the map which indicates a 'built up' or 'developed' area.	The Phase One ESA Study Area is illustrated primarily in a shaded area of the map which indicates a 'built up' or 'developed' area.

The review of the topographic maps did not reveal any PCAs that may cause an APEC on the Site.

A copy of the topographic maps is included in Appendix 'G' for reference.

In addition, a review of the Ministry of Northern Development and Mine's "Quaternary Geology of the Hamilton Area, Southern Ontario Sheet Map M2509" and the "Paleozoic Geology of the Hamilton Area, Southern Ontario Sheet Map M2336", indicates that the Site is located in an 'outcrop' area of Queenston Shale bedrock [Upper Ordovician]. The depth to bedrock is between 3.0 and 3.5 metres below ground surface and the depth to the groundwater table is anticipated to be approximately 4.8 to 6.9 metres below the ground surface elevation based on SOIL-MAT ENGINEERS' 2013 Geotechnical Investigation conducted on the Site.

The project area is generally flat and level with surface water runoff directed to an on-site catch basin.

Regional groundwater flow is expected to the southeast toward Lake Ontario.

3. Fill Materials: Although the reconnaissance of the Site did not reveal any obvious visual evidence of significant fill material on the Site, aerial photographs illustrate a former in-ground pool on the Site. In addition, a 1910 Fire Insurance Plan illustrates a former building on the Site. Historically, it was a common practise to demolish a building(s) and utilise the remaining construction debris and various fill material(s) to backfill the basement level of the structures, if present. In addition, a 1932 Fire Insurance Plan illustrates two [2] USTs on the Site. The reconnaissance of the Site did not reveal any obvious visual evidence of the USTs. As such, there is a potential of fill material(s) present in the UST nest area.

4. Water Bodies and Areas of Natural Significance: Surface water was not encountered on the Site during SOIL-MAT ENGINEERS' Site visits. In addition, Lake Ontario is located adjacent to the southeast of the Site as well as Rambo Creek approximately 210 metres north-northeast from the Site.

5. Well Records: The reconnaissance of the Site did not reveal any obvious visual evidence of a suspected groundwater supply well on the Site but did reveal the presence of two [2] groundwater monitoring wells on the Site. In addition, a review of the MOE's water well records did not reveal any records of a potable groundwater well(s) on the Site. There is a record of the two [2] groundwater monitoring wells on the Phase One ESA Site. The groundwater monitoring wells have a reported depth of 6.1 and 9.6 metres, which is consistent with the two [2] groundwater monitoring wells installed on the Site during SOIL-MAT ENGINEERS' 2013 Geotechnical Investigation.

   In addition, a review of the MOE's water well records did not reveal any potable groundwater wells within the Phase One ESA Study Area. The records did reveal the presence of thirty-one [31] groundwater monitoring wells in the Study Area. The groundwater monitoring wells are reportedly located between 30 and 250 metres from the Site and range between 3.0 to 24.4 metres in total depth.

4(d) SITE OPERATING RECORDS

1. Title of the Information Sheet or Document: Not Applicable

2. Description of Data, Analysis or Findings as the Information Sheet or Document relates to the Phase One ESA Property: Not Applicable

5.0 INTERVIEWS

At the time of this Report, the Site was comprised of an irregular shaped parcel of land that was occupied by the following structures:

- a 2-storey dwelling that had been converted to three [3] residential rental units;
- a single-storey ten [10] unit motel [recognised as the Ascot Motel], and;
- a single-storey flat roof cabin that was rented out as a residential unit.

At the time of the Site reconnaissance, Mr. Paul Cirone [Director of Marquis Gardens Hamilton, Ancaster & Burlington with Vrancor Developments], accompanied SOIL-MAT ENGINEERS during the Site reconnaissance.

Mr. Cirone, informed SOIL-MAT ENGINEERS that there are no USTs on the Site. In addition, the existing three [3] unit residential structure was completely 'gutted' and renovated over the past two [2] years.

In addition to the above, historical records indicate that the property was first developed as residential lands before 1909 and then redeveloped as a mixed residential and commercial use property circa 1924 to 1932.

6.0 SITE RECONNAISSANCE

6.0 (A) GENERAL REQUIREMENTS:

Reporting Requirements	SOIL-MAT ENGINEERS' Details
Date and Time of the Reconnaissance	May 8, 2020 [12:30pm to 2:00pm]
Weather Conditions	The weather conditions did not limit the visual observations of the Site.
Duration of Site Visit	~1.5 hours
Enhanced Investigation Property	The Site is not an Enhanced Investigation property
Field Representative	Mr. Peter Markesic [qualifications included in the appendix]

6.0(B) SPECIFIC OBSERVATIONS AT PHASE ONE ESA PROPERTY

Reporting Requirements	SOIL-MAT ENGINEERS' Details
Description of Structures and Other Improvements	• A three [3] unit apartment, with a basement level. This structure is approximately 140 m^2 and was constructed circa 1932 to 1954 and recently renovated in circa 2018; • A ten [10] unit motel, with a partial basement level. This structure is approximately 350m^2 and was constructed circa 1932 to 1954. • A single storey rental 'cabin', with no basement level. This structure is approximately 90m^2 and was constructed circa 1960 to 1978.
Description of the Number, Age and Depth of Below-Ground Structures	None observed
Details of all tanks (aboveground and underground)	None observed. With the exception of two [2] USTs illustrated on a 1932 fire insurance plan, the historical research did not reveal any readily available evidence of other USTs.
Details of any potable and non-potable water sources	The Site is serviced with a municipal water supply.
Buried Utilities	The Site is serviced with hydro, natural gas, water/sewer/storm sewer services, etc. The depth of these service trenches is not anticipated to affect contaminant distribution on the Site.
Existing Buildings: Exit/Entry Points	• Access to the three [3] unit apartment is available via the front [north end], the west side at the south end, and the east side towards the north end. In addition, there is an entrance to the basement from the south end. • Access to the ten [10] unit motel is via the east side of the motel with one entrance into each unit. • Access to the apartment 'cabin' is via the west end.
Existing Buildings: Cooling / Heating System	Window mounted A/C units and a natural gas fired furnace.
Existing Buildings: Drains, Pits, Sumps, etc.	None observed

Reporting Requirements	SOIL-MAT ENGINEERS' Details
Existing Buildings: Details of any unidentified substances	None observed
Existing Buildings: Details of Stains, Corrosion on Floors other than from Water	None observed
Details of Former and Current Wells	Two [2] groundwater monitoring wells were observed on the Site.
Details of Sewage Works	The Site is serviced with a municipal sewer line.
Details of Ground Surface Cover	The Site was partially grass covered with the remainder being comprised of an asphaltic-concrete covered parking lot area.
Details of Former or Current Railway Lines	None observed
Details of Stained Soil, Damaged Vegetation or Pavement	None observed
Details of Stressed Vegetation	None observed
Areas Where Fill and Debris Materials Appear to be Present	None observed, however, records indicate possible fill material within the following: • The footprint of a former building; • Within the former UST nest area, and; • Within the area of the former in-ground pool.
PCAs	• PCA No. 30: Importation of Fill Material of Unknown Quality [associated with the fill material associated with the former in-ground pool, the former building and the former UST nest area], and; • PCA No. 28: Gasoline and Associated Products Storage in Fixed Tanks [associated with the USTs illustrated on the 1932 fire insurance plan, as well as the off-site UST illustrated on the 1971 fire insurance plan.

1. Enhanced Investigation Property

Reporting Requirements	SOIL-MAT ENGINEERS' Details
Details of the Operations at the Site	Not Applicable
Hazardous Materials Used/Stored on the Site	Not Applicable
Products Manufactured on the Site	Not Applicable
By-Products and Wastes at the Site	Not Applicable
Raw Materials, including the Handling and Storage	Not Applicable
Details of Drums, Totes, Bins	Not Applicable
Details of Oil/Water Separators	Not Applicable
Details of Vehicle and Equipment Maintenance Areas	Not Applicable
Details of Known Spills	Not Applicable
Details of Liquid Discharge Points	Not Applicable
Details of Operations at the Site [processing or manufacturing and equipment used]	Not Applicable
Details of Hydraulic Lift Equipment	Not Applicable

6.0 (C) WRITTEN DESCRIPTION OF INVESTIGATION

The information gathered during the completion of this Phase One ESA report revealed that the Site was first developed before 1909 as residential lands and then redeveloped circa 1924 to 1932 as mixed commercial and residential lands.

The first readily available visual aid for the Site is a topographic map from 1909 which illustrates the Site as undeveloped lands. Other visual aids, including aerial photographs from 1954, 1960, 1978, 1988, 2004, 2011, and 2018, topographic maps from 1938, 1968, and 1999, and fire insurance plans from 1910, 1924, 1932, and 1971 confirm the development timeline above. The neighbouring and nearby lands to the Site are comprised of a mixture of residential, parkland, and commercial lands.

The Phase One ESA research revealed four [4] potentially contaminating activities [PCAs] on the Phase One ESA Site, including the following:

- A Fire Insurance Plan from 1910 illustrates a former building on the Site. Historically, it was a common practise to demolish buildings and utilise the remaining construction debris and/or various imported fill material(s) to backfill the basement level of structures, if present;
- A Fire Insurance Plan from 1932 illustrates two [2] underground storage tanks [USTs] on the Site;
- Fill material of unknown quality may be present in the vicinity of the noted UST nest area if the USTs have been removed, and;
- Aerial photographs from 1988 and 2004 illustrate an in-ground pool at the northeast corner of the Site. This pool was not observed on the property at the time of our site reconnaissance. As such, there is a potential for fill material of unknown quality in the immediate vicinity of the former pool.

The lands in the general vicinity of the Site are comprised of a mixture of retail commercial, parkland and residential lands. The Phase One ESA research revealed one historical PCA on lands in the Phase One ESA Study Area that is considered a potential environmental liability to the Site, including the following item:

- The Vernon City Directories revealed a 'Sunoco Service Station' operated in close proximity to the Phase One property from pre-1960 to 1982 at 2071 Lakeshore Road. In addition, a 1971 Fire Insurance Plan illustrates an UST on the 2071 Lakeshore Road property. This property is located approximately 40 metres north-northwest [up-gradient] from the Phase One property

7.0 REVIEW AND EVALUATION OF INFORMATION

(i) Current and Past Uses: SOIL-MAT ENGINEERS' Table of Current and Past Uses is included in Appendix 'E' of this Report.

(ii) Potential Contaminating Activity: Four [4] PCAs were identified on the Site and one PCA was identified in the Phase One ESA Study Area that may result in an APEC, including:

PCA No.: 30 – Importation of Fill Material of Unknown Quality [associated with the demolition of a former building on the Site]

PCA No.: 30 – Importation of Fill Material of Unknown Quality [associated with a former in-ground swimming pool]

PCA No.: 28 – Gasoline and Associated Products Storage in Fixed Tanks [associated with the two [2] USTs illustrated on the 1971 Fire Insurance Plan];

PCA No.: 30 – Importation of Fill Material of Unknown Quality [associated with the former UST nest area]

PCA No.: 28 – Gasoline and Associated Products Storage in Fixed Tanks - A retail fuel outlet operated approximately 40 metres north-northeast from the Site [Sunoco Service Station from before 1960 to circa 1982];

(iii) Areas of Potential Environmental Concern: SOIL-MAT ENGINEERS' APEC table is presented below:

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Locations of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC #1	The northeast corner of the property	30. Importation of Fill Material of Unknown Quality	On-Site	Metals, As, Sb, Se, BHWS, CN, Electrical Conductivity, Cr (VI), Hg and SAR	Soil
APEC #2	The north end of the property	30. Importation of Fill Material of Unknown Quality	On-Site	Metals, As, Sb, Se, BHWS, CN, Electrical Conductivity, Cr (VI), Hg and SAR	Soil

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Locations of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC #3	The north end of the property	28. Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, VOCs, BTEX and Metals	Soil and Groundwater
	The north end of the property	30. Importation of Fill Material of Unknown Quality	On-Site	Metals, As, Sb, Se, BHWS, CN, Electrical Conductivity, Cr (VI), Hg and SAR	Soil
APEC #4	The northern property line	28. Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	PHCs, VOCs, BTEX and Metals	Soil and Groundwater

(i) Phase One Conceptual Site Model: A Phase One CSM was not prepared at this time for the property as part of this Phase One ESA report. In order to support the future filing of an RSC for the Phase One ESA Site, this report will be updated to include the completion of a Phase One Conceptual Site Model.

8.0 CONCLUSIONS

The Phase One Environmental Site Assessment conducted for this Site consisted of a historical records review, interviews and a site reconnaissance.

At the time of this Report, the Site was comprised of an irregular shaped parcel of land that was occupied by the following structures:

- a 2-storey dwelling that had been converted to three [3] residential rental units. There is also a basement level in the structure;
- a single-storey ten [10] unit motel [recognised as the Ascot Motel]. There is also a partial basement level in the structure, and;
- a single-storey flat roof cabin that was rented out as a residential unit. A basement level is not present in the cabin structure.

The remainder of the Phase One property was comprised of landscaped aeras to the north and east of the three-unit residential structure and rental cabin and asphaltic-concrete parking areas to the east of the motel. A landscaped area was also present along the southern limit of the property.

The Phase One ESA research revealed four [4] potentially contaminating activities [PCAs] on the Phase One ESA Site, including the following:

- A Fire Insurance Plan from 1910 illustrates a former building on the Site. Historically, it was a common practice to demolish buildings and utilise the remaining construction debris and/or various imported fill material(s) to backfill the basement level of structures, if present;
- A Fire Insurance Plan from 1932 illustrates two [2] underground storage tanks [USTs] on the Site;
- Fill material of unknown quality may be present in the vicinity of the noted UST nest area if the USTs have been removed, and;
- Aerial photographs from 1988 and 2004 illustrate an in-ground pool at the northeast corner of the Site. This pool was not observed on the property at the time of our site reconnaissance. As such, there is a potential for fill material of unknown quality in the immediate vicinity of the former pool.

The lands in the general vicinity of the Site are comprised of a mixture of retail commercial, parkland and residential lands. The Phase One ESA research revealed one historical PCA on lands in the Phase One ESA Study Area that is considered a potential environmental liability to the Site, including the following item:

- The Vernon City Directories revealed a 'Sunoco Service Station' operated in close proximity to the Phase One property from pre-1960 to 1982 at 2071 Lakeshore Road. In addition, a 1971 Fire Insurance Plan illustrates an UST on the 2071 Lakeshore Road property. This property is located approximately 40 metres north-northwest [up-gradient] from the Phase One property.

The specific PCAs associated with the listed items are as follows:

PCA Number	PCA Description	Location of the PCA
30	Importation of Fill Material of Unknown Quality	On-Site [associated with the in-filling of a former in-ground swimming pool].
30	Importation of Fill Material of Unknown Quality	On-Site [associated with the former residential dwelling].
28	Gasoline and Associated Products Storage in Fixed Tanks	On-Site [associated with two [2] former on-site USTs.
30	Importation of Fill Material of Unknown Quality	
28	Gasoline and Associated Products Storage in Fixed Tanks	Off-site: Up-gradient of the Phase One property [associated with the historical operation of a retail fuel outlet and associated UST].

Based on the findings of the Phase One Environmental Site Assessment, SOIL-MAT ENGINEERS & CONSULTANTS LTD. find the potential of Site contamination to be considered **MEDIUM** and therefore recommend that additional investigations **ARE** required at this time, pending the results of the Ministry of the Environment database search which will be forwarded to VRANCOR DEVELOPMENTS under a separate cover once they are received in our Office.

To reduce SOIL-MAT ENGINEERS' degree of uncertainty associated with the environmental liabilities listed above, further assessment activities are recommended. Each environmental liability, and our rationale for further assessment activities, is provided below:

Environmental Liability	Recommendation	Rationale
1. PCA No.: 30: Importation of Fill Material of Unknown Quality	Advance two [2] boreholes within the footprint of the former on-site building. The contaminants of potential concern [COPCs] should include Metals.	Assess the potential adverse impacts to the soil medium as a result of the demolished on-site building.
2. PCA No.: 30: Importation of Fill Material of Unknown Quality	Advance two [2] boreholes within the footprint of the former in-ground swimming pools. The COPCs should include Metals.	Assess the potential adverse impacts to the soil medium as a result of the former in-ground swimming pool.

Environmental Liability	Recommendation	Rationale
3. PCA No.: 28: Gasoline and Associated Products Storage in Fixed Tanks	Advance three [3] to four [4] boreholes and install groundwater monitoring wells in the vicinity of the former UST nest area. The COPCs should include Petroleum Hydrocarbons [PHCs], Volatile Organic Compounds [VOCs], Benzene, Toluene, Ethylbenzene and Xylene mixture [BTEX] and Metals.	Assess the potential adverse impacts to the soil and groundwater medium as a result of former USTs.
4. PCA No.: 30: Importation of Fill Material of Unknown Quality	Advance two [2] boreholes within the former UST nest. The COPCs should include PHCs, VOCs, BTEX and Metals.	Assess the potential adverse impacts to the soil medium as a result of fill material used to fill the former underground storage tanks.
5. PCA No.: 28: Gasoline and Associated Products Storage in Fixed Tanks	Advance two [2] to three [3] boreholes and install groundwater monitoring wells along the northern property line. The COPCs should include PHCs, VOCs, BTEX and Metals.	Assess the potential adverse impacts to the soil and groundwater medium as a result of the off-site retail fuel outlet.

Although not considered an environmental liability to the Site, given the construction date of the building, it is possible that designated substances, such as asbestos containing materials, and ozone depleting substances, may be present in the buildings. As such, it is recommended that a non-intrusive designated substance survey of the buildings be undertaken before any planned demolition activities that may disturb building materials to identify where possible, designated substances that may be present in the buildings.

In addition to the above, this Office should be contacted to make arrangements for the two [2] existing groundwater monitoring wells to be decommissioned by a licensed well contractor. In addition, if a suspected groundwater well is encountered during future construction activities to make arrangements for the water well to be abandoned as per *Ontario Regulation 903 – Water Wells*.

9.0 REPORT LIMITATIONS

Achieving the objectives that are stated in this report has required SOIL-MAT ENGINEERS to derive conclusions based upon the best and most recent information currently available to SOIL-MAT ENGINEERS. No investigative method can completely eliminate the possibility of obtaining partially imprecise information. SOIL-MAT ENGINEERS has expressed professional judgement in gathering and analysing the information obtained and in the formulation of its conclusions.

Information in this report was obtained from sources deemed to be reliable, however, no representation or warranty is made as to the accuracy of this information. To the best of SOIL-MAT ENGINEERS' knowledge, the information gathered from outside sources contained in this report on which SOIL-MAT ENGINEERS has formulated its opinions and conclusions, are both true and correct. SOIL-MAT ENGINEERS assumes no responsibility for any misrepresentation of facts gathered from outside sources.

This report was prepared to assess and document evidence of potential environmental contamination, and not to judge the acceptability of the risks associated with such environmental contamination. Much of the information gathered for this report is only accurate at the time of collection and a change in the Site conditions may alter the interpretation of SOIL-MAT ENGINEERS' findings. Furthermore, the reader should note

that the Site reconnaissance described in this report was an environmental assessment of the Site, not a regulatory compliance or an environmental audit of the Site.

SOIL-MAT ENGINEERS & CONSULTANTS LTD. prepared this Report for the account of the VRANCOR DEVELOPMENTS. The material in it reflects SOIL-MAT ENGINEERS' best judgement in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. SOIL-MAT ENGINEERS accepts no responsibility for damages, if any suffered by any third party as a result of decisions made or actions based on this report.

We trust that this Phase One Environmental Site Assessment is satisfactory for your purposes. Please feel free to contact the undersigned if you have any questions.

Sincerely,
SOIL-MAT ENGINEERS & CONSULTANTS LTD.

Peter Markesic, B.Sc.
Project Manager



Stephen R. Sears, B. Eng. Mgmt., P. Eng., QP_{ESA}
Review Engineer

for Keith Gleadall, B.A., EA Dipl.
Environmental Manager

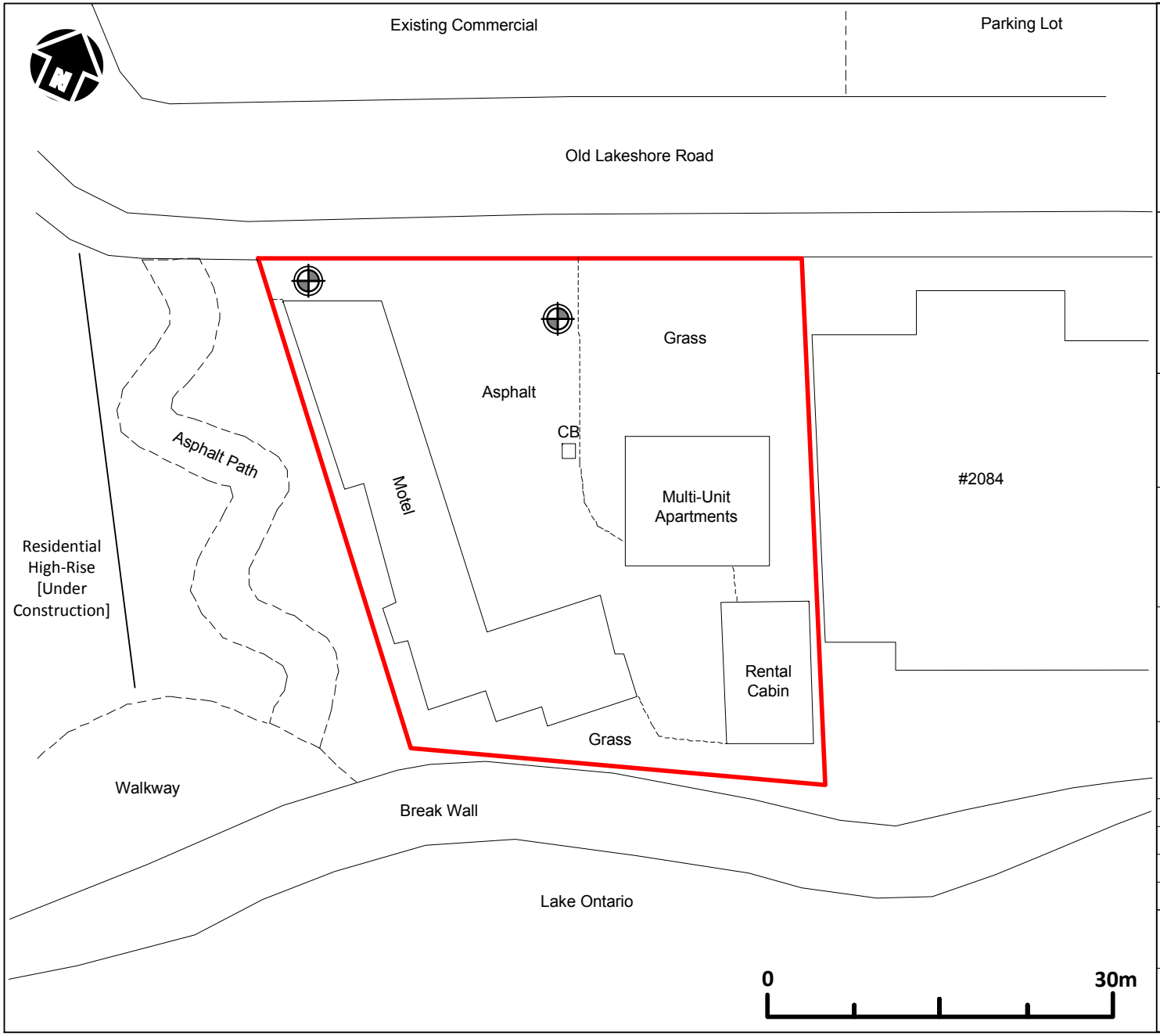
Distribution: VRANCOR DEVELOPMENTS [2]

Enclosures:

Appendix 'A'	Site Plan Drawings
Appendix 'B'	Chain of Title
Appendix 'C'	Coty of Burlington Correspondence
Appendix 'D'	T.S.S.A. Correspondence
Appendix 'E'	Ecolog ERIS Report
Appendix 'F'	Aerial Photographs
Appendix 'G'	Topographic Maps
Appendix 'H'	Qualifications of Assessors

Appendix 'A'

1. Drawing No.: 1.: Site Plan;
2. Drawing No.: 2: Study Area View;
3. Drawing No.: 3: Site Location;



LEGEND

= Site Boundary

= Monitoring Well

NOTES:

1. This map should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 200216-E

Soil-Mat
Engineers & Consultants Ltd.

CLIENT

VRANCOR DEVELOPMENTS

PROJECT TITLE

Phase One Environmental Site Assessment
2076 Old Lakeshore Road
Burlington, Ontario

DRAWING TITLE

Site Plan Drawing

PROJECT No.	SM 200216-E
DATE	May 2020
CHECKED	SS
DRAWN	PM

FILE NAME

200216 Site Plan.vsd

DRAWING No. 1



LEGEND

= Site Boundary

NOTES:

1. This map should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 200216-E

2. Base map provided by:
© 2020 Google

Soil-Mat
Engineers & Consultants Ltd.

CLIENT

VRANCOR DEVELOPMENTS

PROJECT TITLE

Phase One Environmental Site Assessment
2076 Old Lakeshore Road
Burlington, Ontario

DRAWING TITLE

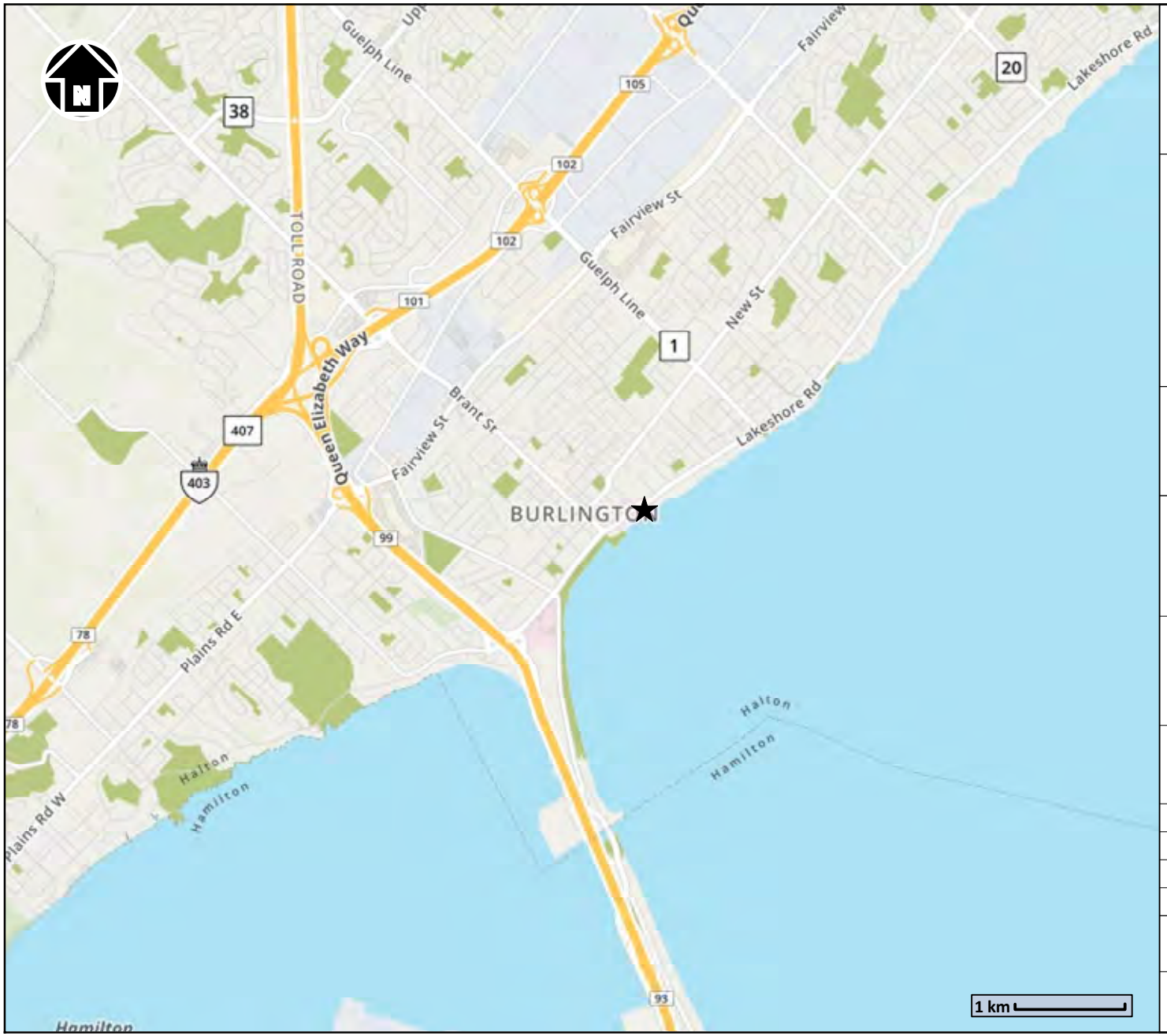
Study Area View

PROJECT No.	SM 200216-E
DATE	May 2020
CHECKED	SS
DRAWN	PM

FILE NAME

200216 Site Plan 2.vsd

DRAWING No. 2



LEGEND

★ = Site Location

NOTES:

1. This map should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 200216-E

2. Base map provided by:
© 2019 Map Quest

Soil-Mat
Engineers & Consultants Ltd.

CLIENT

VRANCOR DEVELOPMENTS

PROJECT TITLE

Phase One Environmental Site Assessment
2076 Old Lakeshore Road
Burlington, Ontario

DRAWING TITLE

Site Location Plan

PROJECT No.	SM 200216-E
DATE	May 2020
CHECKED	SS
DRAWN	PM

FILE NAME
200216 Site Location.vsd

DRAWING No. 3

Appendix 'B'

1. Title Search Documents

PROPERTY DESCRIPTION: LT 1 BLK U , COMPILED PLAN PL92 , PT LT 2 BLK U , COMPILED PLAN PL92 , PART 1 , 20R5383 ; BURLINGTON

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1997/06/18

OWNERS' NAMES
1959025 ONTARIO INC.

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/06/18 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/06/18						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1997/06/17 ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1997/06/18 ***						
119980	1961/01/25	BYLAW				C
539799	1981/05/15	TRANSFER		*** COMPLETELY DELETED ***	VRKLJAN, ANTE TONY VRKLJAN, MARIA	
20R5383	1981/08/13	PLAN REFERENCE				C
599360	1984/05/14	CHARGE		*** COMPLETELY DELETED ***	VRKLJAN, JURE VRKLJAN, ANGELINA	
HR1452263	2017/05/05	DISCH OF CHARGE		*** COMPLETELY DELETED *** VRKLJAN, JURE VRKLJAN, ANGELINA		
REMARKS: 599360.						

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
HR1452536	2017/05/05	TRANSFER	$2,730,000	VRKLJAN, ANTE TONY VRKLJAN, MARIA	1959025 ONTARIO INC.	C
REMARKS: PLANNING ACT STATEMENTS.						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
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Appendix 'C'

1. City of Burlington Correspondence

Peter Markesic

From: Plas, Kyle <Kyle.Plas@burlington.ca>
Sent: May-14-20 11:09 AM
To: Majda, Terry; CRM - Service Burlington; CRM - Planning; Peter Markesic
Subject: RE: COB - Request: Zoning : CAS-39320-V6Z5Z2 CRM:0001706

Good morning,

It does not appear that the Planning Department has any Ph1 ESA on file for 2076 Old Lakeshore Road.

Regards,

Kyle Plas **MCIP, RPP**
Coordinator of Development Review
Community Planning Department
426 Brant Street, Burlington, ON L7R 3Z6
t (905) 335-7600 ext. 7824
e kyle.plas@burlington.ca

Please consider the environment before printing this email.

From: CRM - Service Burlington <city@burlington.ca>
Sent: Monday, May 11, 2020 3:08 PM
To: CRM - Planning <planning@burlington.ca>
Subject: COB - Request: Zoning : CAS-39320-V6Z5Z2 CRM:0001706

You have been designated to receive the following information.

When responding, please "***Reply***" to this email for case history.

Case Information:

- **Created By:** Sandra Britt
- **Created By Department:** Service Burlington

- **Details of the Request:** Received by Service Burlington
  Customer is inquiring about the property on 2076 Old Lakeshore rd

- **Case Number:** CAS-39320-V6Z5Z2
- **Title:** Information: Zoning
- **Origin:** Email
- **Reported By:** Peter Markesic
- **Contact:** Peter Markesic
- **Contact Phone Number:** 905-719-9702

- **Contact Email:** pmarkesic@soil-mat.ca
- **Business Unit:** Planning
- **Location:** , , Burlington, Ontario,
- **Date Reported:** 5/11/2020 3:08 PM

Request Information

- **Request Type:** Zoning
- **Details of the Request:** Received by Service Burlington
  Customer is inquiring about the property on 2076 Old Lakeshore rd
- **Date Reported:** 5/11/2020 3:08 PM
- **Referred Contact:** Planning - CRM
- **Referred Account:**
- **Status:** Open
- **Status Reason:** Assigned

Original Email:

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi,

I am looking for some information on a property in the City of Burlington.

The address of the property 2076 Old Lakeshore Road and I am looking to see if the Planning Department has any Phase One Environmental Site Assessments on file with the City in regards to this property.

Regards,

Peter Markesic, B.Sc.
Environmental Project Manager
SOIL-MAT ENGINEERS & CONSULTANTS LTD.
M: 905.719.9702 TF: 800.243.1922 www.soil-mat.ca

HAMILTON: 130 Lancing Drive L8W 3A1 T: 905.318.7440 F: 905.318.7455
MILTON: PO Box 40012 Derry Heights PO L9T 7W4 T: 800.243.1922

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Appendix 'D'

1. T.S.S.A. Correspondence

Peter Markesic

From: Public Information Services <publicinformationservices@tssa.org>
Sent: May-13-20 9:16 AM
To: Peter Markesic
Subject: RE: Underground Fuel Tanks

Records Found

Hello,

Thank you for your request for confirmation of public information.

- We confirm the following **fuel storage tanks records** in our database at the subject address(es).

Inst Number	Context	Address	City	Province	Postal Code	Status
9754136	FS GASOLINE STATION - SELF SERVE	2042 LAKESHORE RD	BURLINGTON	ON	L7R 1A3	EXPIRE

https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org or through mail along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Gaya

From: Peter Markesic <pmarkesic@soil-mat.ca>
Sent: May 12, 2020 4:46 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Underground Fuel Tanks

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hi,

I'm looking for any records of underground fuel storage tanks located at the following addresses in the City of Burlington, Ontario:

2076 Old Lakeshore Road
2042 Lakeshore Road
2072 Lakeshore Road
2071 Lakeshore Road
2031 Lakeshore Road
2119 Lakeshore Road
2092 Old Lakeshore Road

Regards,

Peter Markesic, B.Sc.
Environmental Project Manager
SOIL-MAT ENGINEERS & CONSULTANTS LTD.
M: 905.719.9702 TF: 800.243.1922 www.soil-mat.ca

HAMILTON: 130 Lancing Drive L8W 3A1 T: 905.318.7440 F: 905.318.7455
MILTON: PO Box 40012 Derry Heights PO L9T 7W4 T: 800.243.1922

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Appendix ‘E’

1. Ecolog ERIS Report

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*2076 Old Lakeshore Road, Burlington, Ontario* *2076 Old Lakeshore Road* *Burlington ON*
Project No:	*SM 200216-E*
Report Type:	*RSC Report (Urban)*
Order No:	*20200511042*
Requested by:	*Soil-Mat Engineers & Consultants Ltd.*
Date Completed:	*May 13, 2020*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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

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Executive Summary

Property Information:

Project Property:	*2076 Old Lakeshore Road, Burlington, Ontario* *2076 Old Lakeshore Road Burlington ON*
Project No:	*SM 200216-E*

Order Information:

Order No:	*20200511042*
Date Requested:	*May 11, 2020*
Requested by:	*Soil-Mat Engineers & Consultants Ltd.*
Report Type:	*RSC Report (Urban)*

Historical/Products:

Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	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
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	10	10
CA	Certificates of Approval	Y	0	12	12
CDRY	Dry Cleaning Facilities	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	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	3	3
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	23	23
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	1	1
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	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	20	20
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	1	1

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National 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
NEBP	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
OGWE	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	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTTW	Permit to Take Water	Y	0	1	1
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	13	13
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	2	2
SPL	Ontario Spills	Y	0	11	11
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	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	3	24	27
	Total:		3	124	127

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		Burlington ON **Well ID:** 7202389	WNW/0.0	0.36	34
1	WWIS		Burlington ON **Well ID:** 7202390	NW/0.0	0.36	36
1	WWIS		BURLINGTON ON **Well ID:** 7261445	N/0.0	0.36	38

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		BURLINGTON ON **Well ID:** 2810677	NNE/24.1	0.71	40
3	WWIS		BURLINGTON ON **Well ID:** 7213159	W/25.3	2.29	42
4	WWIS		Burlington ON **Well ID:** 7253016	WSW/26.9	0.46	45
5	EHS		2072 Lakeshore Road Burlington ON L7R 1E3	NNW/36.3	1.61	52
6	EHS		2092 Old Lakeshore Road Burlington ON L7R 1A3	NE/42.2	-0.07	52
7	RSC	The Corporation of the City of Burlington	2080 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1E3 Burlington ON	W/43.0	3.48	52
7	PTTW	Mady Burlington Ltd.	Bridgewater Development 2042, 2048, 2054, 2058, 2080 Lakeshore Road Parts 1 - 9 of Plan 20R-17007 City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON	W/43.0	3.48	53
8	WWIS		Burlington ON **Well ID:** 7147293	W/43.9	3.46	54
9	WWIS		Burlington ON **Well ID:** 7107069	ENE/54.3	-0.60	61
10	GEN	2042 Lakeshore Holdings Ltd.	2048 Lakeshore Road Burlington ON	WSW/59.7	3.09	68
10	RSC	Bridgewater Lakeshore Developer Inc.	2048 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3 Burlington ON	WSW/59.7	3.09	68

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	RSC	Bridgewater Lakeshore Developer Inc.	2048 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3 Burlington ON	WSW/59.7	3.09	70
11	WWIS		ON ***Well ID:*** 7287810	NNE/64.9	1.12	71
12	GEN	2042 Lakeshore Holdings Ltd.	2042 - 2058 Lakeshore Rd Burlington ON L7R 1A3	W/70.4	3.57	73
12	EHS		2042-2058 LAKESHORE ROAD BURLINGTON ON L7R 1A3	W/70.4	3.57	73
13	WWIS		Burlington ON ***Well ID:*** 7047892	WSW/72.2	0.92	74
14	WWIS		Burlington ON ***Well ID:*** 7122728	W/76.2	3.46	76
15	EHS		2069 Lakeshore Rd Burlington ON L7R1E2	WNW/79.3	3.60	79
15	GEN	Lakeshore Professional Arts Limited	2069 Lakeshore Rd. Suite 4 Burlington ON L7R 1E2	WNW/79.3	3.60	79
15	GEN	Lakeshore Professional Arts Limited	2069 Lakeshore Rd. Suite 4 Burlington ON L7R 1E2	WNW/79.3	3.60	79
15	EHS		2069 Lakeshore Rd Burlington ON	WNW/79.3	3.60	80
16	EHS		2093 Old Lakeshore Rd Burlington ON L7R1A4	NNE/80.3	0.38	80
17	WWIS		ON ***Well ID:*** 7287812	NE/80.8	0.42	80
18	EHS		390 Pearl Street Burlington ON	WNW/81.1	4.51	82

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	EHS		2096 Lakeshore Rd Burlington ON L7R1E3	NNE/81.6	1.29	82
20	PRT	MARALYN WALSH	2042 LAKESHORE RD BURLINGTON ON	WSW/89.1	3.06	83
20	EXP	MARALYN WALSH HOLDINGS LTD	2042 LAKESHORE RD BURLINGTON ON L7R 1A3	WSW/89.1	3.06	83
20	EHS		2042 Lakeshore Road Burlington ON	WSW/89.1	3.06	83
20	RSC	Bridgewater Lakeshore Developer Inc.	2042 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3 Burlington ON	WSW/89.1	3.06	83
20	GEN	Suncor Energy Products	2042 Lakeshore Road Burlington ON	WSW/89.1	3.06	85
20	GEN	Suncor Energy Products	2042 Lakeshore Road Burlington ON L7L1C8	WSW/89.1	3.06	85
21	WWIS		BURLINGTON ON ***Well ID:*** 2810175	WSW/92.7	3.39	85
21	WWIS		BURLINGTON ON ***Well ID:*** 2810279	WSW/92.7	3.39	87
22	EHS		2101 Old Lakeshore Road Burlington ON L7R 1A4	NE/93.4	0.40	89
23	WWIS		BURLINGTON ON ***Well ID:*** 2809958	WSW/94.7	3.39	89
24	WWIS		ON ***Well ID:*** 7287811	NNE/96.8	0.51	92
25	GEN	Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	NW/97.9	2.93	94

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	GEN	Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	NW/97.9	2.93	94
25	GEN	LMC Clinical Researc Inc.	2079 Lakeshore Road Burlington ON L7R 1E2	NW/97.9	2.93	94
25	GEN	Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON L7R 1E2	NW/97.9	2.93	94
25	GEN	Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON L7R 1E2	NW/97.9	2.93	95
25	GEN	Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON L7R 1E2	NW/97.9	2.93	95
26	WWIS		ON ***Well ID:*** 7181460	WSW/99.2	3.35	95
27	WWIS		BURLINGTON ON ***Well ID:*** 2810472	WSW/99.9	2.23	96
28	WWIS		Burlington ON ***Well ID:*** 7244963	NNW/101.2	1.41	100
29	BORE		ON	WNW/103.0	4.43	102
30	WWIS		Burlington ON ***Well ID:*** 7122727	WSW/103.7	3.12	103
31	RSC	Mr. Stuart Scott	389 Pearl Street, Burlington, Ontario Burlington ON L7R 2M8	WNW/107.1	4.51	106
32	BORE		ON	NW/109.5	2.65	106
33	BORE		ON	WNW/110.2	4.40	107

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
34	SPL	Wilderness Group<UNOFFICIAL>	APPROXIMATELY 2093 LAKESHORE BLVE, BURLINGTON<UNOFFICIAL> Burlington ON	N/110.9	1.50	108
35	SPL	BURLINGTON HYDRO	LAKE ONTARIO OUTFALL 2047 LAKESHORE RD (AT BRANT) IN FRONT OF RIVERA TRANSFORMER BURLINGTON CITY ON L7R 1E1	W/113.2	3.71	109
36	WWIS		Burlington ON ***Well ID:*** 7280353	NW/115.5	3.81	109
37	RSC	Mr. Stuart Scott	393 Pearl Street, Burlington, Ontario, ON L7R 2M8	WNW/120.3	4.36	112
38	WWIS		Burlington ON ***Well ID:*** 7280352	NE/122.0	0.45	113
39	EASR	ADI MORGAN DEVELOPMENTS (LAKESHORE) INC.	374-380 MARTHA ST BURLINGTON ON L7R 2P7	NNW/122.2	1.51	115
40	GEN	Thornwood Development Group Inc.	399 Pearl St. Burlington ON L7R 2M8	WNW/134.3	4.73	115
40	RSC	987032 Ontario Inc.	399 Pearl Street, Burlington, Ontario, ON L7R 2M8	WNW/134.3	4.73	116
41	SPL	BURLINGTON HYDRO-ELECTRIC COMM	2119 LAKESHORE BLVD. AT JUNCTION ST. TRANSFORMER BURLINGTON CITY ON L7R 1A4	NNE/138.6	0.39	116
42	EHS		2107 And 2119 Old Lakeshore Road Burlington ON	NE/139.2	-0.19	117
43	WWIS		BURLINGTON ON ***Well ID:*** 7251745	NW/141.3	3.88	117
44	SPL	PUC	VENTURE INN PARKING LOT LAKESHORE AND ELIZABETH MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON	WSW/141.6	2.50	119

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
45	RSC	987032 Ontario Inc.	388 Martha Street, Burlington, Ontario Burlington ON L7R 2P7	NNW/144.2	1.59	120
46	SPL		399 Elizabeth Street Burlington ON	W/146.7	4.15	120
47	GEN	Reichman Seniors Housing Development	392,398 Pearl Street Burlington ON L7R 2M9	WNW/147.7	5.26	121
48	BORE		ON	W/150.2	4.15	121
49	GEN	LMC Clinical Research Inc. Research	2119 Lakeshore Road Burlington ON L7R 1A4	NE/151.1	-0.14	122
49	GEN	AVIVA Medical Specialists Clinic	2119 Old Lakeshore Rd. Burlington ON L7R1A4	NE/151.1	-0.14	123
49	GEN	AVIVA Medical Specialists Clinic	2119 Old Lakeshore Rd. Burlington ON L7R1A4	NE/151.1	-0.14	123
49	GEN	LMC Clinical Research Inc. Research	2119 Lakeshore Road Burlington ON L7R 1A4	NE/151.1	-0.14	123
50	BORE		ON	W/151.8	4.41	124
51	RSC	Pearl & Pine St. Facility Inc.	398 PEARL ST, BURLINGTON, ON, L7R 2M9 BURLINGTON ON L7R 2M9	WNW/153.4	4.87	125
52	RSC	987032 Ontario Inc.	394 Martha Street, Burlington, Ontario, ON L7R 2P7	NNW/159.7	1.66	125
53	BORE		ON	W/161.6	3.83	126
54	EHS		2085 Pine St Burlington ON L7R1G1	NW/162.9	3.36	127

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
55	SPL	BURLINGTON HYDRO-ELECTRIC COMM	399 ELIZABETH STREET TRANSFORMER BURLINGTON CITY ON	W/163.9	3.45	127
55	RSC	BAXTER'S WHARF INC.	399 ELIZABETH STREET, BURLINGTON, ONTARIO , L7R 2L7 ON L7R 0A4	W/163.9	3.45	128
56	RSC	987032 Ontario Inc.	2078 Pine Street, Burlington, Ontario Burlington ON L7R 1G2	NW/166.0	4.36	128
57	RSC	987032 Ontario Inc.	2082 Pine Street, Burlington, Ontario, ON L7R 1G2	NW/168.9	3.77	129
58	GEN	Sun Mechanical	2121 Lakeshore Road Burlington ON	NNE/169.2	-1.43	129
59	HINC		2086 Pine St BURLINGTON ON L7R 1G2	NW/172.5	3.36	129
60	BORE		ON	NE/188.7	-2.19	130
61	CA	VILLAGE SQUARE (BURLINGTON)	2049 PINE ST., UNITS 17 & 18 BURLINGTON ON L7R 1E9	WNW/197.0	5.23	131
62	GEN	1536493 Ont. Inc.	391 John St Burlington ON L7R 2K3	W/200.3	2.49	131
63	SPL		2137 Lakeshore Road Burlington ON	NE/206.3	-2.02	132
64	INC		2037 PINE ST, BURLINGTON ON	W/208.8	4.38	132
65	EHS		396 Elizabeth Street Burlington ON L7R 2L6	W/211.7	3.79	133
66	EHS		415 Elizabeth St Burlington ON L7R 2L8	WNW/213.3	5.22	133

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
67	EHS		2037 Pine Street Burlington ON	WNW/213.5	5.22	133
68	CA	1121206 ONTARIO INC.	420 PEARL STREET BURLINGTON CITY ON L7R 2N1	WNW/218.3	5.41	134
69	BORE		ON	WSW/219.6	1.70	134
70	CA	ESPRESSO BAR, ROASTERY & DESSERT HOUSE L	413 ELIZABETH STREET BURLINGTON ON L7R 2L8	W/221.4	4.38	135
71	SCT	DESKTOP TEXT & DESIGN	399 JOHN ST UNIT 310 BURLINGTON ON L7R 2K3	W/230.7	4.20	136
72	WWIS		ON ***Well ID:*** 7272672	NNW/232.6	0.41	136
73	WWIS		BURLINGTON ON ***Well ID:*** 2810067	WNW/238.4	5.12	139
74	BORE		ON	WNW/239.1	5.12	141
75	EHS		2020 LAKESHORE ROAD BURLINGTON ON L7R 4G8	WSW/240.0	1.41	142
76	EHS		401 Martha Street Burlington ON	NNW/248.6	0.34	143
77	EHS		411 Martha St Burlington ON L7R2P6	NNW/249.0	0.31	143
78	EHS		360 Torrance Street Burlington ON	NNE/249.3	1.35	143
79	CA	RC'S BOARDWALK INC.	2013 LAKESHORE ROAD WEST BURLINGTON CITY ON	WSW/251.8	3.45	143

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
80	WWIS		BURLINGTON ON ***Well ID:*** 7209538	WSW/256.6	0.10	144
81	CA	GWL Realty Advisors Inc.	360 Torrance St Torrance Terrace Apartments Burlington ON	NNE/257.2	1.97	147
81	ECA	GWL Realty Advisors Inc.	360 Torrance St Torrance Terrace Apartments Burlington ON M5G 1R8	NNE/257.2	1.97	147
82	EHS		2160 Lakeshore Rd And 360 Torrance St Burlington ON	NE/261.6	1.44	147
83	WWIS		ON ***Well ID:*** 7214926	ENE/262.2	-3.80	147
84	EHS		425 Pearl St Burlington ON L7R2N2	NW/267.0	2.72	148
85	EHS		John St Burlington ON	W/274.3	5.41	148
86	CA	R.M. OF PEEL	BRANT ST./LAKESHORE RD. MISSISSAUGA CITY ON	WSW/281.1	3.32	149
86	CA	R.M. OF PEEL	BRANT ST./LAKESHORE RD. MISSISSAUGA CITY ON	WSW/281.1	3.32	149
86	CA	R.M. OF HALTON	BRANT ST/LAKESHORE RD/ELGIN ST BURLINGTON ON	WSW/281.1	3.32	149
86	SPL		Brant St & Lakeshore Burlington ON	WSW/281.1	3.32	149
86	SPL	Harm Schilthuis<UNOFFICIAL>	Lake Shore & Brant St. Burlington ON	WSW/281.1	3.32	150

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
86	ECA	The Corporation of the City of Burlington	Brant Street and Lakeshore Road South portion of intersection, entrance to Spencer Smith Park Burlington ON L7R 3Z6	WSW/281.1	3.32	150
87	BORE		ON	NNW/288.6	2.55	151
88	CA	R.M. OF HALTON	TORRANCE ST/LAKESHORE RD. BURLINGTON CITY ON	NE/289.5	0.56	152
88	SPL	TRANSPORT TRUCK	INTERSECTION AT LAKESHORE AND TORRANCE ROAD. TRANSPORT TRUCK (CARGO) BURLINGTON CITY ON	NE/289.5	0.56	152
89	SPL	JEREL CONTRACTING	RAMBO CREEK BEHIND 2160 LAKESHORE RD. BURLINGTON CITY ON L7R 1A7	ENE/297.7	-1.73	153
89	SCT	MORROW & ASSOCIATES	2160 LAKESHORE RD UNIT 108 BURLINGTON ON L7R 1A7	ENE/297.7	-1.73	153
89	ECA	GWL Realty Advisors Inc.	2160 Lakeshore Road Burlington ON M5E 1G4	ENE/297.7	-1.73	154
89	EHS		2160 Lakeshore Road Burlington ON L7R 1A7	ENE/297.7	-1.73	154
90	CA	HALTON NON-PROFIT HOUSING CORPORATION	400 JOHN ST. BURLINGTON CITY ON L7R 2K4	W/299.4	5.41	154
91	CA	1298092 ONTARIO INC., TALIA'S	441 ELIZABETH STREET BURLINGTON ON L7R 2L8	WNW/299.5	5.41	154
92	CA	NEW LUM'S RESTAURANT INC.	358 BRANT STREET BURLINGTON ON L7R 2E8	WSW/299.6	4.28	155

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 10 BORE site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	103.0	29
	ON	109.5	32
	ON	110.2	33
	ON	150.2	48
	ON	151.8	50
	ON	161.6	53
	ON	188.7	60
	ON	219.6	69
	ON	239.1	74

Site	Address	Distance (m)	Map Key
	ON	288.6	87

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 12 CA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
VILLAGE SQUARE (BURLINGTON)	2049 PINE ST., UNITS 17 & 18 BURLINGTON ON L7R 1E9	197.0	61
1121206 ONTARIO INC.	420 PEARL STREET BURLINGTON CITY ON L7R 2N1	218.3	68
ESPRESSO BAR, ROASTERY & DESSERT HOUSE L	413 ELIZABETH STREET BURLINGTON ON L7R 2L8	221.4	70
RC'S BOARDWALK INC.	2013 LAKESHORE ROAD WEST BURLINGTON CITY ON	251.8	79
GWL Realty Advisors Inc.	360 Torrance St Torrance Terrace Apartments Burlington ON	257.2	81
R.M. OF PEEL	BRANT ST./LAKESHORE RD. MISSISSAUGA CITY ON	281.1	86
R.M. OF PEEL	BRANT ST./LAKESHORE RD. MISSISSAUGA CITY ON	281.1	86
R.M. OF HALTON	BRANT ST/LAKESHORE RD/ELGIN ST BURLINGTON ON	281.1	86
R.M. OF HALTON	TORRANCE ST/LAKESHORE RD. BURLINGTON CITY ON	289.5	88

Site	Address	Distance (m)	Map Key
HALTON NON-PROFIT HOUSING CORPORATION	400 JOHN ST. BURLINGTON CITY ON L7R 2K4	299.4	90
1298092 ONTARIO INC., TALIA'S	441 ELIZABETH STREET BURLINGTON ON L7R 2L8	299.5	91
NEW LUM'S RESTAURANT INC.	358 BRANT STREET BURLINGTON ON L7R 2E8	299.6	92

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Apr 30, 2020 has found that there are 1 EASR site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ADI MORGAN DEVELOPMENTS (LAKESHORE) INC.	374-380 MARTHA ST BURLINGTON ON L7R 2P7	122.2	39

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Apr 30, 2020 has found that there are 3 ECA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
GWL Realty Advisors Inc.	360 Torrance St Torrance Terrace Apartments Burlington ON M5G 1R8	257.2	81
The Corporation of the City of Burlington	Brant Street and Lakeshore Road South portion of intersection, entrance to Spencer Smith Park Burlington ON L7R 3Z6	281.1	86
GWL Realty Advisors Inc.	2160 Lakeshore Road Burlington ON M5E 1G4	297.7	89

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 23 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2072 Lakeshore Road Burlington ON L7R 1E3	36.3	5
	2092 Old Lakeshore Road Burlington ON L7R 1A3	42.2	6
	2042-2058 LAKESHORE ROAD BURLINGTON ON L7R 1A3	70.4	12
	2069 Lakeshore Rd Burlington ON L7R1E2	79.3	15
	2069 Lakeshore Rd Burlington ON	79.3	15
	2093 Old Lakeshore Rd Burlington ON L7R1A4	80.3	16
	390 Pearl Street Burlington ON	81.1	18
	2096 Lakeshore Rd Burlington ON L7R1E3	81.6	19
	2042 Lakeshore Road Burlington ON	89.1	20
	2101 Old Lakeshore Road Burlington ON L7R 1A4	93.4	22
	2107 And 2119 Old Lakeshore Road Burlington ON	139.2	42

Site	Address	Distance (m)	Map Key
	2085 Pine St Burlington ON L7R1G1	162.9	54
	396 Elizabeth Street Burlington ON L7R 2L6	211.7	65
	415 Elizabeth St Burlington ON L7R 2L8	213.3	66
	2037 Pine Street Burlington ON	213.5	67
	2020 LAKESHORE ROAD BURLINGTON ON L7R 4G8	240.0	75
	401 Martha Street Burlington ON	248.6	76
	411 Martha St Burlington ON L7R2P6	249.0	77
	360 Torrance Street Burlington ON	249.3	78
	2160 Lakeshore Rd And 360 Torrance St Burlington ON	261.6	82
	425 Pearl St Burlington ON L7R2N2	267.0	84
	John St Burlington ON	274.3	85

Site	Address	Distance (m)	Map Key
	2160 Lakeshore Road Burlington ON L7R 1A7	297.7	89

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 1 EXP site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
MARALYN WALSH HOLDINGS LTD	2042 LAKESHORE RD BURLINGTON ON L7R 1A3	89.1	20

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 20 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
2042 Lakeshore Holdings Ltd.	2048 Lakeshore Road Burlington ON	59.7	10
2042 Lakeshore Holdings Ltd.	2042 - 2058 Lakeshore Rd Burlington ON L7R 1A3	70.4	12
Lakeshore Professional Arts Limited	2069 Lakeshore Rd. Suite 4 Burlington ON L7R 1E2	79.3	15
Lakeshore Professional Arts Limited	2069 Lakeshore Rd. Suite 4 Burlington ON L7R 1E2	79.3	15
Suncor Energy Products	2042 Lakeshore Road Burlington ON	89.1	20
Suncor Energy Products	2042 Lakeshore Road Burlington ON L7L1C8	89.1	20

Site	Address	Distance (m)	Map Key
Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON L7R 1E2	97.9	25
Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	97.9	25
Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON	97.9	25
LMC Clinical Researc Inc.	2079 Lakeshore Road Burlington ON L7R 1E2	97.9	25
Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON L7R 1E2	97.9	25
Aviva Medical Diagnostics & Specialist Clinic Inc	2079 Lakeshore Rd. Burlington ON L7R 1E2	97.9	25
Thornwood Development Group Inc.	399 Pearl St. Burlington ON L7R 2M8	134.3	40
Reichman Seniors Housing Development	392,398 Pearl Street Burlington ON L7R 2M9	147.7	47
LMC Clinical Research Inc. Research	2119 Lakeshore Road Burlington ON L7R 1A4	151.1	49
AVIVA Medical Specialists Clinic	2119 Old Lakeshore Rd. Burlington ON L7R1A4	151.1	49
LMC Clinical Research Inc. Research	2119 Lakeshore Road Burlington ON L7R 1A4	151.1	49
AVIVA Medical Specialists Clinic	2119 Old Lakeshore Rd. Burlington ON L7R1A4	151.1	49

Site	Address	Distance (m)	Map Key
Sun Mechanical	2121 Lakeshore Road Burlington ON	169.2	58
1536493 Ont. Inc.	391 John St Burlington ON L7R 2K3	200.3	62

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2086 Pine St BURLINGTON ON L7R 1G2	172.5	59

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2037 PINE ST, BURLINGTON ON	208.8	64

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
MARALYN WALSH	2042 LAKESHORE RD BURLINGTON ON	89.1	20

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994-Mar 31, 2020 has found that there are 1 PTTW site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Mady Burlington Ltd.	Bridgewater Development 2042, 2048, 2054, 2058, 2080 Lakeshore Road Parts 1 - 9 of Plan 20R-17007 City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON	43.0	7

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Mar 2020 has found that there are 13 RSC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
The Corporation of the City of Burlington	2080 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1E3 Burlington ON	43.0	7
Bridgewater Lakeshore Developer Inc.	2048 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3 Burlington ON	59.7	10
Bridgewater Lakeshore Developer Inc.	2048 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3 Burlington ON	59.7	10
Bridgewater Lakeshore Developer Inc.	2042 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3 Burlington ON	89.1	20
Mr. Stuart Scott	389 Pearl Street, Burlington, Ontario Burlington ON L7R 2M8	107.1	31
Mr. Stuart Scott	393 Pearl Street, Burlington, Ontario, ON L7R 2M8	120.3	37
987032 Ontario Inc.	399 Pearl Street, Burlington, Ontario, ON L7R 2M8	134.3	40
987032 Ontario Inc.	388 Martha Street, Burlington, Ontario Burlington ON L7R 2P7	144.2	45

Site	Address	Distance (m)	Map Key
Pearl & Pine St. Facility Inc.	398 PEARL ST, BURLINGTON, ON, L7R 2M9 BURLINGTON ON L7R 2M9	153.4	51
987032 Ontario Inc.	394 Martha Street, Burlington, Ontario, ON L7R 2P7	159.7	52
BAXTER'S WHARF INC.	399 ELIZABETH STREET, BURLINGTON, ONTARIO , L7R 2L7 ON L7R 0A4	163.9	55
987032 Ontario Inc.	2078 Pine Street, Burlington, Ontario Burlington ON L7R 1G2	166.0	56
987032 Ontario Inc.	2082 Pine Street, Burlington, Ontario, ON L7R 1G2	168.9	57

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 2 SCT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
DESKTOP TEXT & DESIGN	399 JOHN ST UNIT 310 BURLINGTON ON L7R 2K3	230.7	71
MORROW & ASSOCIATES	2160 LAKESHORE RD UNIT 108 BURLINGTON ON L7R 1A7	297.7	89

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2019 has found that there are 11 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Wilderness Group<UNOFFICIAL>	APPROXIMATELY 2093 LAKESHORE BLVE, BURLINGTON<UNOFFICIAL> Burlington ON	110.9	34

Site	Address	Distance (m)	Map Key
BURLINGTON HYDRO	LAKE ONTARIO OUTFALL 2047 LAKESHORE RD (AT BRANT) IN FRONT OF RIVERA TRANSFORMER BURLINGTON CITY ON L7R 1E1	113.2	35
BURLINGTON HYDRO-ELECTRIC COMM	2119 LAKESHORE BLVD. AT JUNCTION ST. TRANSFORMER BURLINGTON CITY ON L7R 1A4	138.6	41
PUC	VENTURE INN PARKING LOT LAKESHORE AND ELIZABETH MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON	141.6	44
	399 Elizabeth Street Burlington ON	146.7	46
BURLINGTON HYDRO-ELECTRIC COMM	399 ELIZABETH STREET TRANSFORMER BURLINGTON CITY ON	163.9	55
	2137 Lakeshore Road Burlington ON	206.3	63
	Brant St & Lakeshore Burlington ON	281.1	86
Harm Schilthuis<UNOFFICIAL>	Lake Shore & Brant St. Burlington ON	281.1	86
TRANSPORT TRUCK	INTERSECTION AT LAKESHORE AND TORRANCE ROAD. TRANSPORT TRUCK (CARGO) BURLINGTON CITY ON	289.5	88
JEREL CONTRACTING	RAMBO CREEK BEHIND 2160 LAKESHORE RD. BURLINGTON CITY ON L7R 1A7	297.7	89

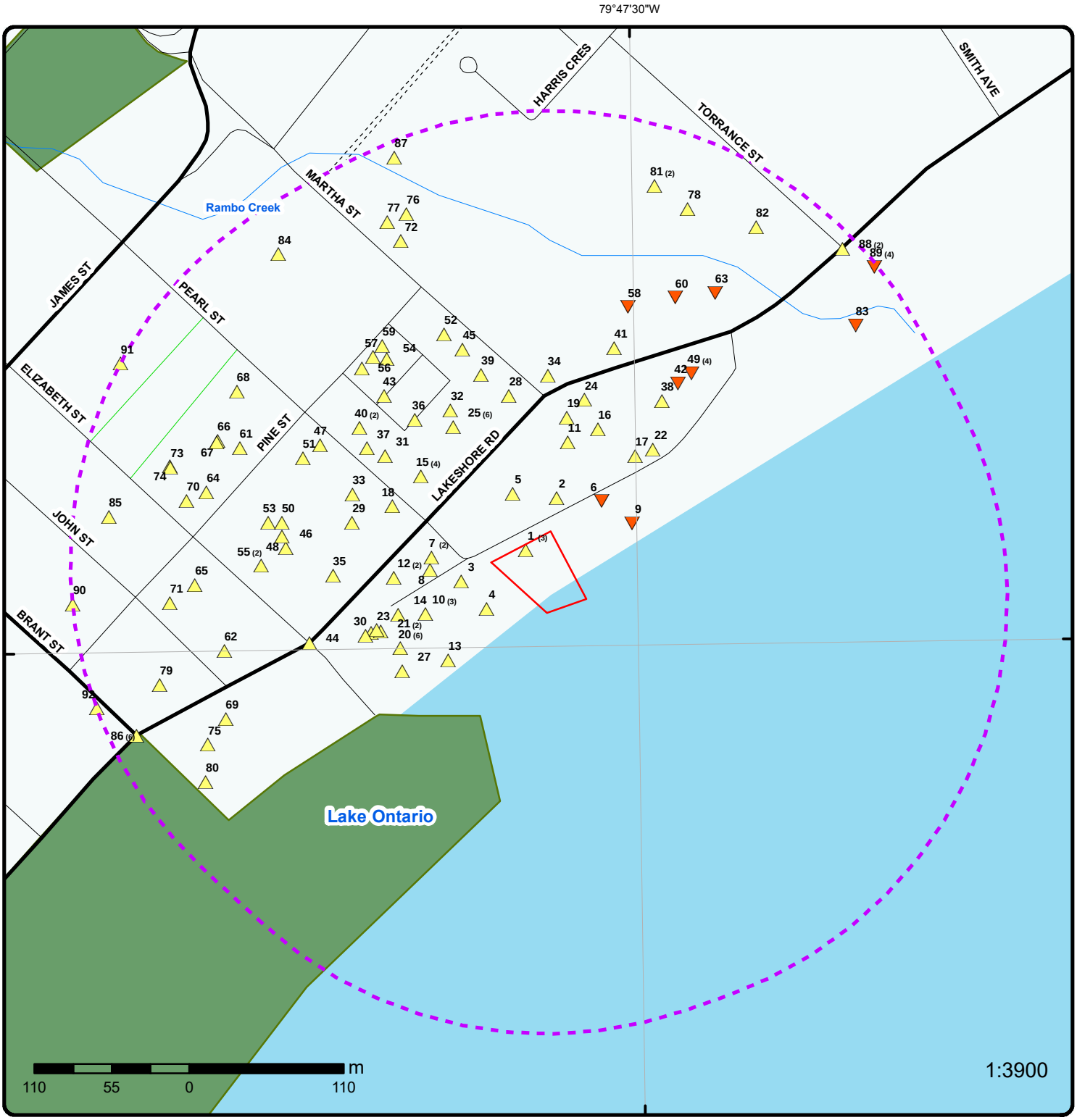
WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 27 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	Burlington ON ***Well ID:*** 7202389	0.0	1
	Burlington ON ***Well ID:*** 7202390	0.0	1
	BURLINGTON ON ***Well ID:*** 7261445	0.0	1
	BURLINGTON ON ***Well ID:*** 2810677	24.1	2
	BURLINGTON ON ***Well ID:*** 7213159	25.3	3
	Burlington ON ***Well ID:*** 7253016	26.9	4
	Burlington ON ***Well ID:*** 7147293	43.9	8
	Burlington ON ***Well ID:*** 7107069	54.3	9
	ON ***Well ID:*** 7287810	64.9	11
	Burlington ON ***Well ID:*** 7047892	72.2	13
	Burlington ON	76.2	14

Site	Address	Distance (m)	Map Key
	Well ID: 7122728		
	ON ***Well ID:*** 7287812	80.8	17
	BURLINGTON ON ***Well ID:*** 2810175	92.7	21
	BURLINGTON ON ***Well ID:*** 2810279	92.7	21
	BURLINGTON ON ***Well ID:*** 2809958	94.7	23
	ON ***Well ID:*** 7287811	96.8	24
	ON ***Well ID:*** 7181460	99.2	26
	BURLINGTON ON ***Well ID:*** 2810472	99.9	27
	Burlington ON ***Well ID:*** 7244963	101.2	28
	Burlington ON ***Well ID:*** 7122727	103.7	30
	Burlington ON ***Well ID:*** 7280353	115.5	36
	Burlington ON ***Well ID:*** 7280352	122.0	38

Site	Address	Distance (m)	Map Key
	BURLINGTON ON ***Well ID:*** 7251745	141.3	43
	ON ***Well ID:*** 7272672	232.6	72
	BURLINGTON ON ***Well ID:*** 2810067	238.4	73
	BURLINGTON ON ***Well ID:*** 7209538	256.6	80
	ON ***Well ID:*** 7214926	262.2	83



Map : 0.3 Kilometer Radius

Order Number: 20200511042

Address: 2076 Old Lakeshore Road, Burlington, ON

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

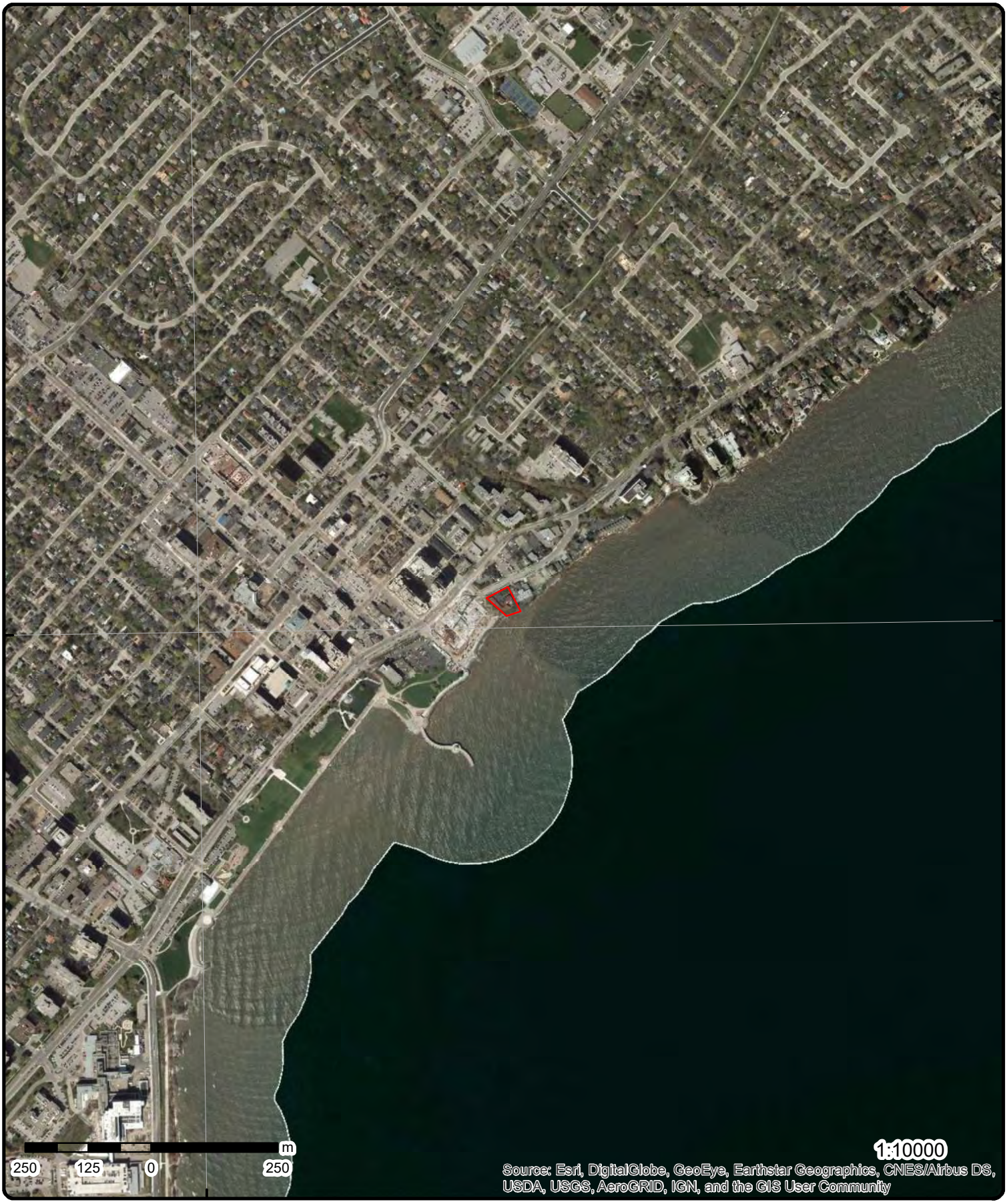
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- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed 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°48'W

43°19'30"N



43°19'30"N

Aerial

Year: 2017

Order Number: 20200511042

Address: 2076 Old Lakeshore Road, Burlington, ON

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES

© ERIS Information Limited Partnership



Topographic Map

Address: 2076 Old Lakeshore Road, ON

Source: ESRI World Topographic Map

Order Number: 20200511042

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 3	WNW/0.0	79.8 / 0.36	Burlington ON	WWIS

Well ID:	7202389	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	6/3/2013
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7472
Casing Material:		**Form Version:**	7
Audit No:	Z168486	**Owner:**	
Tag:	A145784	**Street Name:**	2076 OLD LAKESHORE RD
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004323988	**Elevation:**	79.126808
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	597869
Code OB Desc:		**North83:**	4797675
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/13/2013	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004897202
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT

Mat3: 05
Other Materials: CLAY
Formation Top Depth: 0
Formation End Depth: 4.5
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004897203
Layer: 2
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3: 73
Other Materials: HARD
Formation Top Depth: 4.5
Formation End Depth: 6
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004897211
Layer: 2
Plug From: 2.4
Plug To: 6
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004897210
Layer: 1
Plug From: 0
Plug To: 2.4
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1004897201
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004897206
Layer: 1
Material: 5

Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004897207
Layer:	1
Slot:	10
Screen Top Depth:	3
Screen End Depth:	6
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4

Hole Diameter

Hole ID:	1004897204
Diameter:	21
Depth From:	0
Depth To:	6
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

1 **2 of 3** **NW/0.0** **79.8 / 0.36** **Burlington ON** **WWIS**

Well ID:	7202390	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	6/3/2013
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7472
Casing Material:		**Form Version:**	7
Audit No:	Z168485	**Owner:**	
Tag:	A145783	**Street Name:**	2076 OLD LAKESHORE RD
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004323991	**Elevation:**	79.075675
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	597888
Code OB Desc:		**North83:**	4797683
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4

Date Completed: 5/13/2013
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1004897229
Layer: 2
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3: 73
Other Materials: HARD
Formation Top Depth: 4.5
Formation End Depth: 9.1
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004897228
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Other Materials: SILT
Mat3: 05
Other Materials: CLAY
Formation Top Depth: 0
Formation End Depth: 4.5
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004897236
Layer: 1
Plug From: 0
Plug To: 5.5
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004897237
Layer: 2
Plug From: 5.5
Plug To: 9.1
Plug Depth UOM: m

Method of Construction & Well

Use

Method Construction ID:
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1004897227
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004897232
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 6.1
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004897233
Layer: 1
Slot: 10
Screen Top Depth: 6.1
Screen End Depth: 9.1
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.4

Hole Diameter

Hole ID: 1004897230
Diameter: 21
Depth From: 0
Depth To: 9.1
Hole Depth UOM: m
Hole Diameter UOM: cm

---

1 ***3 of 3*** ***N/0.0*** ***79.8 / 0.36*** ***BURLINGTON ON*** ***WWIS***

Well ID: 7261445
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z221860
Tag:
Construction Method:

Data Entry Status:
Data Src:
Date Received: 4/14/2016
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7295
Form Version: 7
Owner:
Street Name: 2042 OLD LAKESHORE RD
County: HALTON

Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005930583	**Elevation:**	79.313079
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	597901
Code OB Desc:		**North83:**	4797676
Open Hole:		**Org CS:**	dms83
Cluster Kind:		**UTMRC:**	5
Date Completed:	3/9/2016	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006027504
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1006027496
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006027500
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	1.8

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006027501
Layer:	1
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Hole Diameter

Hole ID:	1006027498
Diameter:	6
Depth From:	0
Depth To:	7
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

---

2 ***1 of 1*** ***NNE/24.1*** ***80.2 / 0.71*** ***BURLINGTON ON*** ***WWIS***

Well ID:	2810677	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	10/17/2006
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6607
Casing Material:		***Form Version:***	3
Audit No:	Z49012	***Owner:***	
Tag:	A043879	***Street Name:***	2107 OLD LAKESHORE ROAD
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	'
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11692882	***Elevation:***	80.890922
DP2BR:	0	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	h	***East83:***	597910
Code OB Desc:	Mixed in a Layer	***North83:***	4797720
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	5/25/2006	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	933073980
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1.5
Formation End Depth:	6
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933073979
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	84
Other Materials:	SILTY
Mat3:	17
Other Materials:	SHALE
Formation Top Depth:	0
Formation End Depth:	1.5
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933303554
Layer:	1
Plug From:	0
Plug To:	2.8
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	11697748
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930888228
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3
Casing Diameter:	1.9
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933420790
Layer:	1
Slot:	10
Screen Top Depth:	3
Screen End Depth:	6
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	2.7

Water Details

Water ID:	934071757
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	4.5
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11756655
Diameter:	1.5
Depth From:	0
Depth To:	6
Hole Depth UOM:	m
Hole Diameter UOM:	cm

3 ***1 of 1*** ***W/25.3*** ***81.7 / 2.29*** ***BURLINGTON ON*** ***WWIS***

Well ID:	7213159	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Other	***Date Received:***	12/17/2013
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7484
Casing Material:		***Form Version:***	7
Audit No:	Z141668	***Owner:***	
Tag:	A136427	***Street Name:***	2080 OLD LAKESHORE RD
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	

Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004667992	***Elevation:***	80.709716
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	597842
Code OB Desc:		***North83:***	4797661
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	9/16/2013	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005016380
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	73
Other Materials:	HARD
Mat3:	68
Other Materials:	DRY
Formation Top Depth:	9
Formation End Depth:	45
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005016379
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	9
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005016387
Layer:	1
Plug From:	45

Plug To: 6
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005016388
Layer: 2
Plug From: 6
Plug To: 0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1005016378
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005016383
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 35
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005016384
Layer: 1
Slot: 540
Screen Top Depth: 35
Screen End Depth: 45
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.25

Hole Diameter

Hole ID: 1005016381
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	WSW/26.9	79.9 / 0.46	Burlington ON	WWIS

Well ID: 7253016
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z196169
Tag: A170779
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 11/26/2015
Selected Flag: Yes
Abandonment Rec:
Contractor: 2123
Form Version: 7
Owner:
Street Name: 2042 LAKESHORE ROAD
County: HALTON
Municipality: BURLINGTON CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005817084
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/15/2015
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 80.31565
Elevrc:
Zone: 17
East83: 597860
North83: 4797641
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1005854290
Layer: 4
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 43
Formation End Depth: 48
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1005854291

Layer: 5
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 48
Formation End Depth: 71
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1005854288
Layer: 2
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 22
Formation End Depth: 41
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1005854287
Layer: 1
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 22
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1005854289
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 41
Formation End Depth: 43
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005854325
Layer:	1
Plug From:	0
Plug To:	22
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1005854285
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005854295
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	26
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005854296
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1005854286
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM

Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1005854297
Test Type: Draw Down
Test Duration: 1
Test Level: 8.54
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854308
Test Type: Recovery
Test Duration: 10
Test Level: 18.07
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854310
Test Type: Recovery
Test Duration: 15
Test Level: 17.95
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854320
Test Type: Recovery
Test Duration: 50
Test Level: 15.29
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854303
Test Type: Draw Down
Test Duration: 4
Test Level: 9.41
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854316
Test Type: Recovery
Test Duration: 30
Test Level: 16.58
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854322
Test Type: Recovery
Test Duration: 60

Test Level: 14.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854301
Test Type: Draw Down
Test Duration: 3
Test Level: 9.3
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854306
Test Type: Recovery
Test Duration: 5
Test Level: 18.15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854314
Test Type: Recovery
Test Duration: 25
Test Level: 17.18
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854311
Test Type: Draw Down
Test Duration: 20
Test Level: 9.95
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854317
Test Type: Draw Down
Test Duration: 40
Test Level: 11.76
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854307
Test Type: Draw Down
Test Duration: 10
Test Level: 9.62
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854312
Test Type: Recovery
Test Duration: 20
Test Level: 17.81
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854313
Test Type: Draw Down
Test Duration: 25
Test Level: 10.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854319
Test Type: Draw Down
Test Duration: 50
Test Level: 12.44
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854321
Test Type: Draw Down
Test Duration: 60
Test Level: 13.07
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854302
Test Type: Recovery
Test Duration: 3
Test Level: 18.27
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854315
Test Type: Draw Down
Test Duration: 30
Test Level: 11.02
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854299
Test Type: Draw Down
Test Duration: 2
Test Level: 9.11
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854300
Test Type: Recovery
Test Duration: 2
Test Level: 18.34
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854304
Test Type: Recovery

Test Duration: 4
Test Level: 18.21
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854305
Test Type: Draw Down
Test Duration: 5
Test Level: 9.56
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854318
Test Type: Recovery
Test Duration: 40
Test Level: 9.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854298
Test Type: Recovery
Test Duration: 1
Test Level: 18.44
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005854309
Test Type: Draw Down
Test Duration: 15
Test Level: 9.7
Test Level UOM: ft

Water Details

Water ID: 1005854294
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 35
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005854292
Diameter: 10
Depth From: 0
Depth To: 26
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1005854293
Diameter: 6
Depth From: 26
Depth To: 71

Hole Depth UOM: ft
Hole Diameter UOM: inch

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5 | **1 of 1** | **NNW/36.3** | **81.1 / 1.61** | **2072 Lakeshore Road Burlington ON L7R 1E3** | **EHS**

Order No: 20181207031
Status: C
Report Type: Standard Report
Report Date: 12-DEC-18
Date Received: 07-DEC-18
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.792761
Y: 43.325982

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6 | **1 of 1** | **NE/42.2** | **79.4 / -0.07** | **2092 Old Lakeshore Road Burlington ON L7R 1A3** | **EHS**

Order No: 20080501010
Status: C
Report Type: Complete Report
Report Date: 5/9/2008
Date Received: 5/1/2008
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection: Old Lakeshore Rd & Lakeshore Rd
Municipality:
Client Prov/State: AB
Search Radius (km): 0.25
X: -79.791971
Y: 43.325819

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7 | **1 of 2** | **W/43.0** | **82.9 / 3.48** | **The Corporation of the City of Burlington 2080 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1E3 Burlington ON** | **RSC**

RSC ID: 210472
RA No:
RSC Type: Phase 1 and 2 RSC
Curr Property Use: Parkland
Ministry District: Halton-Peel District Office
Filing Date: 2013/10/15
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686:

Cert Date:
Cert Prop Use No:
Intended Prop Use: Residential
Qual Person Name: Melissa King
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N):
Accuracy Estimate:
Telephone:
Fax:
Email:

Asmt Roll No: 240206068063000000
Prop ID No (PIN): 07061-0018, 07061-0081
Property Municipal Address: 2080 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1E3
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26968&fileName=BROWNFIELDS-E.pdf

Document(s) Detail

Document Heading: Supporting Documents
Document Name: City NDL - Table of Current and Past Uses - Revised 2013-08-01.pdf
Document Type: Table of Current and Past Property Use
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26974&fileName=City+NDL+-+Table+of+Current+and+Past+Uses+-+Revised+2013-08-01.pdf

Document Heading: Supporting Documents
Document Name: City NDL - Agent Authorization Sept 2013.pdf
Document Type: Proof of the owner's authorization
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26967&fileName=City+NDL+-+Agent+Authorization+Sept+2013.pdf

Document Heading: Supporting Documents
Document Name: City NDL - Lawyer Letter Sept 2013.pdf
Document Type: Lawyer's letter consisting of a legal description of the property
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26972&fileName=City+NDL+-+Lawyer+Letter+Sept+2013.pdf

Document Heading: Supporting Documents
Document Name: CSM - City land 2013-10-04 final.pdf
Document Type: Phase 2 Conceptual Site Model
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26971&fileName=CSM+-+City+land+2013-10-04+final.pdf

Document Heading: Supporting Documents
Document Name: City NDL - APEC Table Revised.pdf
Document Type: Area(s) of Potential Environmental Concern
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26970&fileName=City+NDL+-+APEC+Table+Revised.pdf

Document Heading: Supporting Documents
Document Name: City NDL Survey Plan.pdf
Document Type: A Current plan of Survey
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26969&fileName=City+NDL+Survey+Plan.pdf

Document Heading: Supporting Documents
Document Name: City NDL - Deed Documents.pdf
Document Type: Copy of any deed(s), transfer(s) or other document(s)
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26965&fileName=City+NDL+-+Deed+Documents.pdf

7	***2 of 2***	***W/43.0***	***82.9 / 3.48***	***Mady Burlington Ltd. Bridgewater Development 2042, 2048, 2054, 2058, 2080 Lakeshore Road Parts 1 - 9 of Plan 20R-17007 City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON***	***PTTW***

EBR Registry No: 012-2254
Ministry Ref No: 1137-9LMJBA
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 29, 2014
Proposal Date: July 22, 2014
Year: 2014
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Mady Burlington Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 8791 Woodbine Avenue , Suite 100, Markham Ontario, Canada L3R0P4
Comment Period:
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

URL:

Site Location Details:

Bridgewater Development 2042, 2048, 2054, 2058, 2080 Lakeshore Road Parts 1 - 9 of Plan 20R-17007 City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON

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8 ***1 of 1*** ***W/43.9*** ***82.9 / 3.46*** ***Burlington ON*** ***WWIS***

Well ID:	7147293	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	6/25/2010
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7238
Casing Material:		***Form Version:***	5
Audit No:	M06035	***Owner:***	
Tag:	A099593	***Street Name:***	2042 LAKESHORE RD
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003322264	***Elevation:***	81.330543
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	597803
Code OB Desc:		***North83:***	4797653
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	4
Date Completed:	5/1/2010	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003322268
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:
Method Construction Code:
Method Construction:
Other Method Construction: AUGER

Pipe Information

Pipe ID: 1003322269
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003322271
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 2.3
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003322270
Layer:
Slot:
Screen Top Depth: 2.3
Screen End Depth: 4
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003322272
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1003322266
Diameter: 15
Depth From:
Depth To: 4
Hole Depth UOM: m

Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID:	1003071080	***Elevation:***	80.796287
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	597820
Code OB Desc:		***North83:***	4797669
Open Hole:	N	***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/2/2010	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003322293
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Other Materials:	LOOSE
Mat3:	
Other Materials:	
Formation Top Depth:	2
Formation End Depth:	3
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003322294
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	3
Formation End Depth:	19.3
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003322292
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01

Most Common Material: FILL
Mat2:
Other Materials:
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1003322297
Layer: 1
Plug From: 0
Plug To: 15
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1003322298
Layer: 2
Plug From: 15
Plug To: 19.3
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 1003322291
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003322301
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 1003322300
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0

Depth To: 19.3
Casing Diameter: 3
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003322302
Layer: 1
Slot: 10
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 3

Hole Diameter

Hole ID: 1003322296
Diameter: 5
Depth From: 3
Depth To: 19.3
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1003322295
Diameter: 7.5
Depth From: 0
Depth To: 3
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1003322282
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 5/1/2010
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 81.224029
Elevrc:
Zone: 17
East83: 597763
North83: 4797649
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1003322286
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID:
Method Construction Code:
Method Construction:
Other Method Construction: AUGER

Pipe Information

Pipe ID: 1003322287
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003322289
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 2.3
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003322288
Layer:
Slot:
Screen Top Depth: 2.3
Screen End Depth: 4
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003322290
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1003322284

Diameter: 15
Depth From:
Depth To: 4
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1003322273
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 5/1/2010
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 81.475158
Elevrc:
Zone: 17
East83: 597787
North83: 4797643
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1003322277
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID:
Method Construction Code:
Method Construction:
Other Method Construction: AUGER

Pipe Information

Pipe ID: 1003322278
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003322280
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 7.6
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003322279
Layer:
Slot:
Screen Top Depth: 7.6
Screen End Depth: 10
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003322281
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1003322275
Diameter: 5
Depth From:
Depth To: 10
Hole Depth UOM: m
Hole Diameter UOM: cm

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9 | **1 of 1** | **ENE/54.3** | **78.8 / -0.60** | **Burlington ON** | **WWIS**

Well ID: 7107069
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: M01266
Tag: A067304
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 6/25/2008
Selected Flag: Yes
Abandonment Rec:
Contractor: 6607
Form Version: 5
Owner:
Street Name: 2092 OLD LAKESHORE RD.
County: HALTON
Municipality: BURLINGTON CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	1002712826	***Elevation:***	80.706138
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	597951
Code OB Desc:		***North83:***	4797700
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	5/21/2008	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002712830
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	
Method Construction:	
Other Method Construction:	AUGER

Pipe Information

Pipe ID:	1002712831
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002712833
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	6
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002712832
Layer:	
Slot:	
Screen Top Depth:	6
Screen End Depth:	9.1

Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002712834
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002712828
Diameter: 21
Depth From:
Depth To: 9.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1001627739
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole: N
Cluster Kind:
Date Completed: 5/21/2008
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 79.803649
Elevrc:
Zone: 17
East83: 597964
North83: 4797702
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1002712856
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 15
Other Materials: LIMESTONE

Mat3:	92
Other Materials:	WEATHERED
Formation Top Depth:	4.2
Formation End Depth:	9.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002712855
Layer:	2
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	28
Other Materials:	SAND
Formation Top Depth:	3
Formation End Depth:	4.2
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002712854
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	05
Other Materials:	CLAY
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1002712858
Layer:	1
Plug From:	0
Plug To:	5.7
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	E
Method Construction:	Auger
Other Method Construction:	

Pipe Information

Pipe ID:	1002712853
Casing No:	0
Comment:	

Alt Name:

Construction Record - Casing

Casing ID: 1002712860
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 6
Casing Diameter: 5.1
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002712861
Layer: 1
Slot: 20
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.4

Water Details

Water ID: 1002712859
Layer: 1
Kind Code:
Kind:
Water Found Depth: 7.8
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002712857
Diameter: 21
Depth From: 0
Depth To: 9.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002712835
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 5/22/2008
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 79.717849
Elevrc:
Zone: 17
East83: 597960
North83: 4797698
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID:	1002712839
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	
Method Construction:	
Other Method Construction:	AUGER

Pipe Information

Pipe ID:	1002712840
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002712842
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	6
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002712841
Layer:	
Slot:	
Screen Top Depth:	6
Screen End Depth:	9.1
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002712843
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	
Rate UOM:	
Water State After Test Code:	

Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002712837
Diameter: 21
Depth From:
Depth To: 9.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002712844
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 5/22/2008
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 81.304626
Elevrc:
Zone: 17
East83: 597960
North83: 4797715
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002712848
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID:
Method Construction Code:
Method Construction:
Other Method Construction: AUGER

Pipe Information

Pipe ID: 1002712849
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002712851
Layer:

Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 6
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002712850
Layer:
Slot:
Screen Top Depth: 6
Screen End Depth: 9.1
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002712852
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002712846
Diameter: 21
Depth From:
Depth To: 9.1
Hole Depth UOM: m
Hole Diameter UOM: cm

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10 | ***1 of 3*** | ***WSW/59.7*** | ***82.5 / 3.09*** | ***2042 Lakeshore Holdings Ltd.***
2048 Lakeshore Road
Burlington ON | ***GEN***

Generator No: ON2853854
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 531390
SIC Description: Other Activities Related to Real Estate

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

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10 | ***2 of 3*** | ***WSW/59.7*** | ***82.5 / 3.09*** | ***Bridgewater Lakeshore Developer Inc.***
2048 LAKESHORE ROAD, BURLINGTON, | ***RSC***

ONTARIO L7R 1A3
Burlington ON

RSC ID:	209314	***Cert Date:***	
RA No:		***Cert Prop Use No:***	
RSC Type:	Phase 1 and 2 RSC	***Intended Prop Use:***	Parkland
Curr Property Use:	Commercial	***Qual Person Name:***	Melissa King
Ministry District:	Halton-Peel District Office	***Stratified (Y/N):***	
Filing Date:	2013/08/08	***Audit (Y/N):***	
Date Ack:		***Entire Leg Prop. (Y/N):***	
Date Returned:		***Accuracy Estimate:***	
Restoration Type:		***Telephone:***	
Soil Type:		***Fax:***	
Criteria:		***Email:***	
CPU Issued Sect 1686:			

Asmt Roll No: 2402-060-608-06400-0000, 2402-060-608-06500-0000, 2402-060-608-06200-0000

Prop ID No (PIN): 07061-0091 (LT)

Property Municipal Address: 2048 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3, 2054 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3, 2058 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3, 2042 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3

Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant:
Legal Desc:
Measurement Method:
Applicable Standards:

RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=23563&fileName=BROWNFIELDS-E-FILE.pdf

Document(s) Detail

Document Heading: Supporting Documents
Document Name: CSM-Revised SPA.pdf
Document Type: Phase 2 Conceptual Site Model
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=23560&fileName=CSM-Revised+SPA.pdf

Document Heading: Supporting Documents
Document Name: PINs-deed-transfer docs revised.pdf
Document Type: Copy of any deed(s), transfer(s) or other document(s)
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=23567&fileName=PINs-deed-transfer+docs+revised.pdf

Document Heading: Supporting Documents
Document Name: Areas of Potential Environmental Concern.pdf
Document Type: Area(s) of Potential Environmental Concern
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=23564&fileName=Areas+of+Potential+Environmental+Concern.pdf

Document Heading: Supporting Documents
Document Name: ON505488 cert.PDF
Document Type: Certificate of Status
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=23557&fileName=ON505488+cert.PDF

Document Heading: Supporting Documents
Document Name: TABLE OF CURRENT AND PAST USES-revised June 2013 SPA.pdf
Document Type: Table of Current and Past Property Use
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=23559&fileName=TABLE+OF+CURRENT+AND+PAST+USES-revised+June+2013+SPA.pdf

Document Heading: Supporting Documents

Document Name: T9 SPA Survey Plan.pdf
Document Type: A Current plan of Survey
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=23566&fileName=T9+SPA+Survey+Plan.pdf

Document Heading: Supporting Documents
Document Name: Lawyer Letter SPA.pdf
Document Type: Lawyer's letter consisting of a legal description of the property
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=23561&fileName=Lawyer+Letter+SPA.pdf

Document Heading: Supporting Documents
Document Name: Agent Authorization SPA.pdf
Document Type: Proof of the owner's authorization
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=23562&fileName=Agent+Authorization+SPA.pdf

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10	3 of 3	WSW/59.7	82.5 / 3.09	**Bridgewater Lakeshore Developer Inc.** **2048 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3** **Burlington ON**	RSC

RSC ID: 210368
RA No:
RSC Type: Phase 1 and 2 RSC
Curr Property Use: Commercial
Ministry District: Halton-Peel District Office
Filing Date: 2013/10/16
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686:
Cert Date:
Cert Prop Use No:
Intended Prop Use: Residential
Qual Person Name: Melissa King
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N):
Accuracy Estimate:
Telephone:
Fax:
Email:

Asmt Roll No: 2402-060-608-06200-0000, 2402-060-608-06400-0000, 2402-060-608-06500-0000
Prop ID No (PIN): Part of PIN 07061-0091
Property Municipal Address: 2048 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3, 2042 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3, 2058 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3, 2054 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26730&fileName=BROWNFIELDS-E.pdf

Document(s) Detail

Document Heading: Supporting Documents
Document Name: NDL Deed-Transfer Docs Revised.pdf
Document Type: Copy of any deed(s), transfer(s) or other document(s)
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26731&fileName=NDL+Deed-Transfer+Docs+Revised.pdf

Document Heading: Supporting Documents
Document Name: NDL Survey Plan.pdf
Document Type: A Current plan of Survey
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26728&fileName=NDL+Survey+Plan.pdf

Document Heading: Supporting Documents
Document Name: CSM - NDL final.pdf
Document Type: Phase 2 Conceptual Site Model
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26732&fileName=CSM+-+NDL+final.pdf

Document Heading: Supporting Documents
Document Name: Agent Authoriation - Final NDL.pdf
Document Type: Proof of the owner's authorization
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26727&fileName=Agent+Authoriation+-+Final+NDL.pdf

Document Heading: Supporting Documents
Document Name: Areas of Potential Environmental Concern - NDL 2013-07-30.pdf
Document Type: Area(s) of Potential Environmental Concern
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26733&fileName=Areas++of+Potential+Environmental+Concern+-+NDL+2013-07-30.pdf

Document Heading: Supporting Documents
Document Name: Table of Current and Past Uses - NDL revised FINAL.pdf
Document Type: Table of Current and Past Property Use
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26725&fileName=Table+of+Current+and+Past+Uses+-+NDL+revised+FINAL.pdf

Document Heading: Supporting Documents
Document Name: Lawyer Letter NDL.pdf
Document Type: Lawyer's letter consisting of a legal description of the property
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26726&fileName=Lawyer+Letter+NDL.pdf

Document Heading: Supporting Documents
Document Name: ON740108.PDF
Document Type: Certificate of Status
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=26734&fileName=ON740108.PDF

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11 | 1 of 1 | NNE/64.9 | 80.6 / 1.12 | ON | WWIS

Well ID: 7287810
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z237635
Tag: A208282
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 6/6/2017
Selected Flag: Yes
Abandonment Rec:
Contractor: 7464
Form Version: 7
Owner:
Street Name: 2096 LAKESHORE RD
County: HALTON
Municipality: BURLINGTON CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1006521979
Elevation: 81.139945

DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	597918
Code OB Desc:		**North83:**	4797760
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	9/26/2016	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006739066
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	7
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006739065
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006739073
Layer:	1
Plug From:	0
Plug To:	4
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:

Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1006739064
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006739069
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 4
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006739070
Layer: 1
Slot:
Screen Top Depth: 5
Screen End Depth: 15
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Hole Diameter

Hole ID: 1006739067
Diameter:
Depth From: 0
Depth To: 15
Hole Depth UOM: ft
Hole Diameter UOM: inch

12	1 of 2	W/70.4	83.0 / 3.57	**2042 Lakeshore Holdings Ltd.** **2042 - 2058 Lakeshore Rd** **Burlington ON L7R 1A3**	GEN

Generator No: ON5299651
Status:
Approval Years: 04
Contam. Facility:
MHSW Facility:
SIC Code: 531310
SIC Description: Real Estate Property Managers

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

12	2 of 2	W/70.4	83.0 / 3.57	**2042-2058 LAKESHORE ROAD** **BURLINGTON ON L7R 1A3**	EHS

Order No: 20090316007
Status: C

Nearest Intersection:
Municipality:

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

Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	3/24/2009	**Search Radius (km):**	0.25
Date Received:	3/16/2009	**X:**	-79.793407
Previous Site Name:		**Y:**	43.325249
Lot/Building Size:			
Additional Info Ordered:			

13 **1 of 1** **WSW/72.2** **80.4 / 0.92** **WWIS**

Burlington ON

Well ID:	7047892	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	8/10/2007
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7295
Casing Material:		**Form Version:**	4
Audit No:	Z67979	**Owner:**	
Tag:	A059958	**Street Name:**	2048 OLD LAKESHORE ROAD
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	23047892	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	
Code OB:		**East83:**	
Code OB Desc:		**North83:**	
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	7/11/2007	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1000012485
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	85
Other Materials:	SOFT
Mat3:	91
Other Materials:	WATER-BEARING

Formation Top Depth:	1.68
Formation End Depth:	3.35
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1000012483
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Other Materials:	CLAY
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	1.22
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1000012484
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	28
Other Materials:	SAND
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	1.22
Formation End Depth:	1.68
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1000012487
Layer:	1
Plug From:	1.22
Plug To:	0.15
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1000012481
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1000012489
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	

Construction Record - Screen

Screen ID:	1000012490
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1000012482
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1000012486
Diameter:	20.32
Depth From:	
Depth To:	3.35
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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14 ***1 of 1*** ***W/76.2*** ***82.9 / 3.46*** ***Burlington ON*** ***WWIS***

Well ID:	7122728	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	5/7/2009
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7

Audit No:	Z93193	**Owner:**	
Tag:	A081893	**Street Name:**	2402 LAKESHORE RD.
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	WKQ-001154
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1002422146	**Elevation:**	81.724075
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	597797
Code OB Desc:		**North83:**	4797637
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	3/26/2009	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002549707
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	34
Other Materials:	TILL
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	6
Formation End Depth:	11
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1002549706
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	01
Other Materials:	FILL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0

Formation End Depth: 6
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1002549710
Layer: 2
Plug From: 4
Plug To: 11
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1002549709
Layer: 1
Plug From: 0
Plug To: 4
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1002549705
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002549712
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 4
Casing Diameter: 1.5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1002549713
Layer: 1
Slot:
Screen Top Depth: 4
Screen End Depth: 11
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Hole Diameter

Hole ID: 1002549708
Diameter: 3.5
Depth From: 0
Depth To: 11
Hole Depth UOM: ft
Hole Diameter UOM: inch

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15 ***1 of 4*** ***WNW/79.3*** ***83.0 / 3.60*** ***2069 Lakeshore Rd Burlington ON L7R1E2*** ***EHS***

Order No: 20140121054
Status: C
Report Type: Custom Report
Report Date: 30-JAN-14
Date Received: 21-JAN-14
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.792943
Y: 43.326563

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15 ***2 of 4*** ***WNW/79.3*** ***83.0 / 3.60*** ***Lakeshore Professional Arts Limited 2069 Lakeshore Rd. Suite 4 Burlington ON L7R 1E2*** ***GEN***

Generator No: ON5796930
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 621210
SIC Description: OFFICES OF DENTISTS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Jessica Rathonyi
Phone No Admin: 905-681-1536 Ext.

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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15 ***3 of 4*** ***WNW/79.3*** ***83.0 / 3.60*** ***Lakeshore Professional Arts Limited 2069 Lakeshore Rd. Suite 4 Burlington ON L7R 1E2*** ***GEN***

Generator No: ON5796930
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 621210
SIC Description: OFFICES OF DENTISTS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Jessica Rathonyi
Phone No Admin: 905-681-1536 Ext.

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	4 of 4	WNW/79.3	83.0 / 3.60	2069 Lakeshore Rd Burlington ON	EHS

Order No:	20161124017	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	30-NOV-16	**Search Radius (km):**	.25
Date Received:	24-NOV-16	**X:**	-79.793443
Previous Site Name:		**Y:**	43.326278
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	1 of 1	NNE/80.3	79.8 / 0.38	2093 Old Lakeshore Rd Burlington ON L7R1A4	EHS

Order No:	20170905027	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	14-SEP-17	**Search Radius (km):**	.25
Date Received:	05-SEP-17	**X:**	-79.792004
Previous Site Name:		**Y:**	43.326388
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 1	NE/80.8	79.9 / 0.42	ON	WWIS

Well ID:	7287812	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	6/6/2017
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7464
Casing Material:		**Form Version:**	7
Audit No:	Z237633	**Owner:**	
Tag:	A208287	**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006521985	**Elevation:**	81.484855
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	597966
Code OB Desc:		**North83:**	4797750
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	9/26/2016	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1006739201
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	7
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006739200
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006739208
Layer:	1
Plug From:	0
Plug To:	4
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1006739199
Casing No:	0
Comment:	

Alt Name:

Construction Record - Casing

Casing ID: 1006739204
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 5
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006739205
Layer: 1
Slot:
Screen Top Depth: 5
Screen End Depth: 15
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Hole Diameter

Hole ID: 1006739202
Diameter:
Depth From: 0
Depth To: 15
Hole Depth UOM: ft
Hole Diameter UOM: inch

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18 | ***1 of 1*** | ***WNW/81.1*** | ***83.9 / 4.51*** | ***390 Pearl Street Burlington ON*** | ***EHS***

Order No: 20110505007
Status: C
Report Type: Standard Select Report
Report Date: 5/10/2011
Date Received: 5/5/2011 11:00:02 AM
Previous Site Name:
Lot/Building Size: Approx. 2500 m2
Additional Info Ordered:

Nearest Intersection: Pearl Street and Pine Street
Municipality: Burlington
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.79382
Y: 43.325912

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19 | ***1 of 1*** | ***NNE/81.6*** | ***80.7 / 1.29*** | ***2096 Lakeshore Rd Burlington ON L7R1E3*** | ***EHS***

Order No: 20160830095
Status: C
Report Type: Standard Report
Report Date: 07-SEP-16
Date Received: 30-AUG-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.792275
Y: 43.326462

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 6	WSW/89.1	82.5 / 3.06	MARALYN WALSH 2042 LAKESHORE RD BURLINGTON ON	PRT

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	2 of 6	WSW/89.1	82.5 / 3.06	MARALYN WALSH HOLDINGS LTD 2042 LAKESHORE RD BURLINGTON ON L7R 1A3	EXP

Instance No: 9754136
Instance ID:
Instance Type: FS Facility
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 10/9/2009 10:21

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	3 of 6	WSW/89.1	82.5 / 3.06	2042 Lakeshore Road Burlington ON	EHS

Order No: 20120619011
Status: C
Report Type: Standard Report
Report Date: 27-JUN-12
Date Received: 19-JUN-12
Previous Site Name:
Lot/Building Size: 0.7 hectares
Additional Info Ordered:

Nearest Intersection:
Municipality: Burlington
Client Prov/State: ON
Search Radius (km): .25
X: -79.793954
Y: 43.325368

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	4 of 6	WSW/89.1	82.5 / 3.06	Bridgewater Lakeshore Developer Inc. 2042 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3 Burlington ON	RSC

RSC ID: 209751
RA No:
RSC Type: Phase 1 and 2 RSC
Curr Property Use: Commercial
Ministry District: Halton-Peel District Office
Filing Date: 2013/08/23
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686:

Cert Date:
Cert Prop Use No:
Intended Prop Use: Residential
Qual Person Name: Melissa King
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N):
Accuracy Estimate:
Telephone:
Fax:
Email:

Asmt Roll No: 2402-060-608-06400-0000, 2402-060-608-06500-0000, 2402-060-608-06200-0000
Prop ID No (PIN): 07061-0091 (LT)
Property Municipal Address: 2054 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3, 2048 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3, 2042 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3, 2058 LAKESHORE ROAD, BURLINGTON, ONTARIO L7R 1A3

Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=25035&fileName=BROWNFIELDS-E-FILE.pdf

Document(s) Detail

Document Heading: Supporting Documents
Document Name: T9 NDL Survey Plan.pdf
Document Type: A Current plan of Survey
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=25030&fileName=T9+NDL+Survey+Plan.pdf

Document Heading: Supporting Documents
Document Name: T9 NDL deed-transfer docs revised.pdf
Document Type: Copy of any deed(s), transfer(s) or other document(s)
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=25040&fileName=T9+NDL+deed-transfer+docs+revised.pdf

Document Heading: Supporting Documents
Document Name: ON505488 cert.PDF
Document Type: Certificate of Status
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=25036&fileName=ON505488+cert.PDF

Document Heading: Supporting Documents
Document Name: No Objection Statement.pdf
Document Type: A copy of No Objection Statement from municipality
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=25037&fileName=No+Objection+Statement.pdf

Document Heading: Supporting Documents
Document Name: Phase Two ESA CSM -T9 NDL revised August 14.pdf
Document Type: Phase 2 Conceptual Site Model
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=25034&fileName=Phase+Two+ESA+CSM+-T9+NDL+revised+August+14.pdf

Document Heading: Supporting Documents
Document Name: Lawyer Letter T9 NDL.pdf
Document Type: Lawyer's letter consisting of a legal description of the property
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=25031&fileName=Lawyer+Letter+T9+NDL.pdf

Document Heading: Supporting Documents
Document Name: Area_s_ of Potential Environmental Concern T9 NDL - 2.pdf
Document Type: Area(s) of Potential Environmental Concern
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=25039&fileName=Area_s_+of+Potential+Environmental+Concern+T9+NDL+-+2.pdf

Document Heading: Supporting Documents
Document Name: agent authorization-T9 NDL revised.pdf
Document Type: Proof of the owner's authorization
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=25033&fileName=agent+authorization-T9+NDL+revised.pdf

Document Heading: Supporting Documents
Document Name: TABLE OF CURRENT AND PAST USES T9 NDL-revised Aug 2013.pdf
Document Type: Table of Current and Past Property Use
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=25032&fileName=TABLE+OF+CURRENT+AND+PAST+USES+T9+NDL-revised+Aug+2013.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	5 of 6	WSW/89.1	82.5 / 3.06	Suncor Energy Products 2042 Lakeshore Road Burlington ON	GEN

Generator No:	ON3072555	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2013	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	447110		
SIC Description:			

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	6 of 6	WSW/89.1	82.5 / 3.06	Suncor Energy Products 2042 Lakeshore Road Burlington ON L7L1C8	GEN

Generator No:	ON3072555	**PO Box No:**	
Status:		**Country:**	Canada
Approval Years:	2014	**Choice of Contact:**	CO_ADMIN
Contam. Facility:	No	**Co Admin:**	Anita Langley
MHSW Facility:	No	**Phone No Admin:**	9057940168 Ext.23
SIC Code:	447110		
SIC Description:	447110		

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 2	WSW/92.7	82.8 / 3.39	BURLINGTON ON	WWIS

Well ID:	2810175	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	3/22/2005
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	6607
Casing Material:		**Form Version:**	3
Audit No:	Z24232	**Owner:**	
Tag:	A021354	**Street Name:**	2048 LAKESHORE RD
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	

Clear/Cloudy:

Bore Hole Information

Bore Hole ID:	11319130	***Elevation:***	81.879013
DP2BR:	10	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	597785
Code OB Desc:	Bedrock	***North83:***	4797625
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	2/3/2005	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933007163
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	3.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933007162
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933266234
Layer:	1
Plug From:	0
Plug To:	1.4
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 11333985
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930860123
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.5
Casing Diameter: 5.1
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933412048
Layer: 1
Slot: 10
Screen Top Depth: 1.5
Screen End Depth: 3.5
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.4

Water Details

Water ID: 934058539
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 2.5
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11537689
Diameter: 16
Depth From: 0
Depth To: 3.5
Hole Depth UOM: m
Hole Diameter UOM: cm

21	*2 of 2*	*WSW/92.7*	*82.8 / 3.39*	***BURLINGTON ON***	***WWIS***

Well ID:	2810279	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Not Used	**Date Received:**	7/8/2005
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	6607
Casing Material:		**Form Version:**	3
Audit No:	Z28253	**Owner:**	
Tag:	A021354	**Street Name:**	2042-2058 LAKESHORE RD
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11319234	**Elevation:**	81.879013
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	_	**East83:**	597785
Code OB Desc:	No formation data	**North83:**	4797625
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/2/2005	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933272251
Layer:	1
Plug From:	0
Plug To:	2
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	11334089
Casing No:	1
Comment:	
Alt Name:	

Water Details

Water ID:	934061916
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	1
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11537810
Diameter:	15
Depth From:	0
Depth To:	2
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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22 ***1 of 1*** ***NE/93.4*** ***79.8 / 0.40*** ***2101 Old Lakeshore Road Burlington ON L7R 1A4*** ***EHS***

Order No:	20120910002	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	14-SEP-12	***Search Radius (km):***	.25
Date Received:	10-SEP-12	***X:***	-79.791976
Previous Site Name:		***Y:***	43.326073
Lot/Building Size:			
Additional Info Ordered:			

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23 ***1 of 1*** ***WSW/94.7*** ***82.8 / 3.39*** ***BURLINGTON ON*** ***WWIS***

Well ID:	2809958	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	6/15/2004
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6607
Casing Material:		***Form Version:***	3
Audit No:	Z11846	***Owner:***	
Tag:	A010184	***Street Name:***	2042 LAKESHORE ROAD
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11105807	***Elevation:***	81.81768
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	o	***East83:***	597782

Code OB Desc:	Overburden	**North83:**	4797626
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/4/2004	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932958069
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	01
Other Materials:	FILL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	932958070
Layer:	2
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	92
Other Materials:	WEATHERED
Mat3:	
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	5
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933249702
Layer:	1
Plug From:	0
Plug To:	0.3
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933249703
Layer:	2
Plug From:	0.3
Plug To:	1.5

Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 11111391
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930838614
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.6
Casing Diameter: 5
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933408059
Layer: 1
Slot: 010
Screen Top Depth: 1.6
Screen End Depth: 5
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.4

Water Details

Water ID: 934047281
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 3
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11111390
Diameter: 15
Depth From: 0
Depth To: 5
Hole Depth UOM: m
Hole Diameter UOM: cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	1 of 1	NNE/96.8	79.9 / 0.51	ON	WWIS

Well ID: 7287811
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z237634
Tag: A208286
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 6/6/2017
Selected Flag: Yes
Abandonment Rec:
Contractor: 7464
Form Version: 7
Owner:
Street Name: 2100 LAKESHORE RD
County: HALTON
Municipality: BURLINGTON CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1006521982
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 9/26/2016
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 80.974189
Elevrc:
Zone: 17
East83: 597930
North83: 4797790
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006739138
Layer: 1
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 28
Other Materials: SAND
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 0
Formation End Depth: 7
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006739139

Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	7
Formation End Depth:	15
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006739146
Layer:	1
Plug From:	0
Plug To:	4
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1006739137
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006739142
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	5
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006739143
Layer:	1
Slot:	
Screen Top Depth:	5
Screen End Depth:	15
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

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

Hole Diameter

Hole ID: 1006739140
Diameter:
Depth From: 0
Depth To: 15
Hole Depth UOM: ft
Hole Diameter UOM: inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	1 of 6	NW/97.9	82.4 / 2.93	Aviva Medical Diagnostics & Specialist Clinic Inc 2079 Lakeshore Rd. Burlington ON	GEN

Generator No: ON6600220
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 621110
SIC Description: Offices of Physicians

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	2 of 6	NW/97.9	82.4 / 2.93	Aviva Medical Diagnostics & Specialist Clinic Inc 2079 Lakeshore Rd. Burlington ON	GEN

Generator No: ON6600220
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	3 of 6	NW/97.9	82.4 / 2.93	LMC Clinical Researc Inc. 2079 Lakeshore Road Burlington ON L7R 1E2	GEN

Generator No: ON5032847
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 621390
SIC Description: OFFICES OF ALL OTHER HEALTH PRACTITIONERS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Peggy Yeh
Phone No Admin: 416-797-9165 Ext.

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	4 of 6	NW/97.9	82.4 / 2.93	Aviva Medical Diagnostics & Specialist Clinic Inc 2079 Lakeshore Rd. Burlington ON L7R 1E2	GEN

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

Generator No: ON6600220
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Michelle Pererra
Phone No Admin: 905-920-7662 Ext.

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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25 ***5 of 6*** ***NW/97.9*** ***82.4 / 2.93***

Aviva Medical Diagnostics & Specialist Clinic Inc
2079 Lakeshore Rd.
Burlington ON L7R 1E2

GEN

Generator No: ON6600220
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Lori Dewar
Phone No Admin: 905-634-1625 Ext.814

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

25 ***6 of 6*** ***NW/97.9*** ***82.4 / 2.93***

Aviva Medical Diagnostics & Specialist Clinic Inc
2079 Lakeshore Rd.
Burlington ON L7R 1E2

GEN

Generator No: ON6600220
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Melissa Cherepa
Phone No Admin: 905-634-1625 Ext.814

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

26 ***1 of 1*** ***WSW/99.2*** ***82.8 / 3.35***

ON

WWIS

Well ID: 7181460
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No: M08211
Tag: A123978
Construction Method:

Data Entry Status: Yes
Data Src:
Date Received: 5/22/2012
Selected Flag: Yes
Abandonment Rec:
Contractor: 7238
Form Version: 5
Owner:
Street Name:
County: HALTON

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

Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003798788	**Elevation:**	81.799064
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	597778
Code OB Desc:		**North83:**	4797624
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/8/2012	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

---

27 ***1 of 1*** ***WSW/99.9*** ***81.7 / 2.23*** ***BURLINGTON ON*** ***WWIS***

Well ID:	2810472	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	1/18/2006
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	6607
Casing Material:		**Form Version:**	3
Audit No:	Z15886	**Owner:**	
Tag:	A015765	**Street Name:**	2088 LAKESHORE RD.
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11552382	**Elevation:**	81.160217
DP2BR:	14	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	597800
Code OB Desc:	Bedrock	**North83:**	4797597
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	7/30/2004	**UTMRC Desc:**	margin of error : 10 - 30 m

Remarks: ***Location Method:*** wwr
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 933045271
Layer: 7
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 71
Other Materials: FRACTURED
Mat3: 68
Other Materials: DRY
Formation Top Depth: 4.3
Formation End Depth: 4.6
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933045269
Layer: 5
Color: 7
General Color: RED
Mat1: 06
Most Common Material: SILT
Mat2: 05
Other Materials: CLAY
Mat3: 34
Other Materials: TILL
Formation Top Depth: 2.7
Formation End Depth: 3.5
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933045270
Layer: 6
Color: 7
General Color: RED
Mat1: 06
Most Common Material: SILT
Mat2: 05
Other Materials: CLAY
Mat3: 34
Other Materials: TILL
Formation Top Depth: 3.5
Formation End Depth: 4.3
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID:	933045268
Layer:	4
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	2
Formation End Depth:	2.7
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933045266
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0.8
Formation End Depth:	1.2
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933045265
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	01
Most Common Material:	FILL
Mat2:	06
Other Materials:	SILT
Mat3:	28
Other Materials:	SAND
Formation Top Depth:	0
Formation End Depth:	0.8
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933045267
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	
Formation Top Depth:	1.2
Formation End Depth:	2

Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933287713
Layer: 1
Plug From: 4.6
Plug To: 1
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933287714
Layer: 2
Plug From: 1
Plug To: 0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 11561989
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930875832
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1
Casing Diameter: 0.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933417304
Layer: 1
Slot: 010
Screen Top Depth: 1
Screen End Depth: 4.5
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.5

Water Details

Water ID: 934072286
Layer: 1
Kind Code:
Kind:
Water Found Depth: 3
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11683497
Diameter: 15
Depth From: 0
Depth To: 4.5
Hole Depth UOM: m
Hole Diameter UOM: cm

---

28 **1 of 1** **NNW/101.2** **80.8 / 1.41** **Burlington ON** **WWIS**

Well ID: 7244963
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z204800
Tag: A179597
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 7/21/2015
Selected Flag: Yes
Abandonment Rec:
Contractor: 7295
Form Version: 7
Owner:
Street Name: 374 MARTHA ST
County: HALTON
Municipality: BURLINGTON CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005492669
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 6/5/2015
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 81.515579
Elevrc:
Zone: 17
East83: 597876
North83: 4797793
Org CS: dms83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID:	1005608855
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005608857
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	12
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005608856
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	12
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005608864
Layer:	1
Plug From:	0
Plug To:	14
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	6

Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1005608854
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005608860
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	15
Casing Diameter:	1.8
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005608861
Layer:	1
Slot:	10
Screen Top Depth:	15
Screen End Depth:	25
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Hole Diameter

Hole ID:	1005608858
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

---

29 ***1 of 1*** ***WNW/103.0*** ***83.9 / 4.43*** ***ON*** ***BORE***

Borehole ID:	624867	**Inclin FLG:**	No
OGF ID:	215525319	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	AUG-1965	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.325812
Total Depth m:	3.3	**Longitude DD:**	-79.794173
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	597765
Drill Method:	Power auger	**Northing:**	4797703
Orig Ground Elev m:	80.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	81.2		

Concession:
Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	218435728	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	Quaternary
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. AGE QUATERNARY.		

Geology Stratum ID:	218435729	**Mat Consistency:**	Soft
Top Depth:	2.7	**Material Moisture:**	
Bottom Depth:	3.3	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Clay	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	TILL,SILT,SAND,CLAY.BROWN,GLACIAL,VERY SOFT, AGE GLACIAL. 00090015 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: HAM.txt RecordID: 038680 NTS_Sheet: 30M05C		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
30	1 of 1	WSW/103.7	82.6 / 3.12	Burlington ON	WWIS

Well ID:	7122727	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	5/7/2009
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z93174	**Owner:**	
Tag:	A081892	**Street Name:**	2402 LAKESHORE RD.

Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	WKQ-001154
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1002422143	***Elevation:***	81.76126
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	597774
Code OB Desc:		***North83:***	4797622
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	3/26/2009	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002549692
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1002549693
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	34
Other Materials:	TILL
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	6
Formation End Depth:	10
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1002549696
Layer:	2
Plug From:	4
Plug To:	10
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1002549695
Layer:	1
Plug From:	0
Plug To:	4
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1002549691
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002549698
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	5
Casing Diameter:	1.5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1002549699
Layer:	1
Slot:	10
Screen Top Depth:	5
Screen End Depth:	10
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.5

Hole Diameter

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

Hole ID: 1002549694
Diameter: 3.5
Depth From: 0
Depth To: 10
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

31 *1 of 1* *WNW/107.1* *83.9 / 4.51*

Mr. Stuart Scott
389 Pearl Street, Burlington, Ontario
Burlington ON L7R 2M8

RSC

RSC ID: 2375
RA No:
RSC Type:
Curr Property Use: Residential
Ministry District: BURLINGTON
Filing Date: 26-Oct-05
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686: No
Cert Date: 11-Oct-05
Cert Prop Use No: No CPU
Intended Prop Use: Residential
Qual Person Name:
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): Yes
Accuracy Estimate: 11 to 20 meters
Telephone: 905-4694455
Fax: 905-4694170
Email:
Asmt Roll No: 2402060-60807500
Prop ID No (PIN): 07065-0054 [LT]
Property Municipal Address: 389 Pearl Street, Burlington, Ontario
Mailing Address: 2400 Wyecroft Road, Unit 6, Oakville, Ontario , L6L 6M8
Latitude & Latitude: 43.32444630N 79.79499560W
UTM Coordinates: NAD83 17-597700-4797550 (converted from Latitude & Longitude)
Consultant:
Legal Desc: Lot 4, Block P, Compiled Plan PL92; Burlington
Measurement Method: Interpolation from a map
Applicable Standards: ESA Phase 1
RSC PDF:

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32 *1 of 1* *NW/109.5* *82.1 / 2.65*

ON

BORE

Borehole ID: 624599
OGF ID: 215525051
Status:
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: AUG-1935
Static Water Level:
Primary Water Use: Not Used
Sec. Water Use:
Total Depth m: 3.3
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Power auger
Orig Ground Elev m: 82.3
Elev Reliabil Note:
DEM Ground Elev m: 82.1
Concession:
Location D:
Survey D:
Comments:
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 43.326523
Longitude DD: -79.793295
UTM Zone: 17
Easting: 597835
Northing: 4797783
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218434542
Mat Consistency:

Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	Quaternary
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. AGE QUATERNARY.		

Geology Stratum ID:	218434543	**Mat Consistency:**	Stiff
Top Depth:	2.7	**Material Moisture:**	
Bottom Depth:	3.3	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Clay	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	TILL,SILT,SAND,CLAY.BROWN,GLACIAL,STIFF, AGE GLACIAL. 00090015 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: HAM.txt RecordID: 036000 NTS_Sheet: 30M05C		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

---

33 ***1 of 1*** ***WNW/110.2*** ***83.8 / 4.40*** ***ON*** ***BORE***

Borehole ID:	624868	**Inclin FLG:**	No
OGF ID:	215525320	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	AUG-1965	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.325992
Total Depth m:	4.2	**Longitude DD:**	-79.794169
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	597765
Drill Method:	Power auger	**Northing:**	4797723
Orig Ground Elev m:	81.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	81.6		
Concession:			
Location D:			

Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	218435730	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	Quaternary
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: UNSPECIFIED. AGE QUATERNARY.

Geology Stratum ID:	218435731	**Mat Consistency:**	Soft
Top Depth:	3.1	**Material Moisture:**	
Bottom Depth:	4	**Material Texture:**	
Material Color:	Green	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial

Gsc Material Description:
Stratum Description: CLAY,SILT. GREEN,SOFT,AGE GLACIAL.

Geology Stratum ID:	218435732	**Mat Consistency:**	Soft
Top Depth:	4	**Material Moisture:**	
Bottom Depth:	4.2	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	glacial

Gsc Material Description:
Stratum Description: TILL,CLAY,SAND, GRAVEL. BROWN,GLACIAL,VERY SOFT, AGE GLACIAL. 0010300400130025 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: HAM.txt RecordID: 038690 NTS_Sheet: 30M05C
Confiden 1: Reliable information but incomplete.

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

34	***1 of 1***	***N/110.9***	***80.9 / 1.50***	***Wilderness Group<UNOFFICIAL> APPROXIMATELY 2093 LAKESHORE BLVE, BURLINGTON<UNOFFICIAL>***	***SPL***

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

Ref No:	1200-6PRR2L	**Discharger Report:**	
Site No:		**Material Group:**	Oils
Incident Dt:	5/13/2006	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Pipe Or Hose Leak	**Sector Type:**	Other
Incident Event:		**Agency Involved:**	
Contaminant Code:	15	**Nearest Watercourse:**	
Contaminant Name:	HYDRAULIC OIL	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Possible	**Site Municipality:**	Burlington
Nature of Impact:	Soil Contamination	**Site Lot:**	
Receiving Medium:	Land	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	5/13/2006	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:		**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Wilderness Group: ~20 L hydraulic oil to pavement & grass		
Contaminant Qty:	20 L		

35	*1 of 1*	*W/113.2*	*83.2 / 3.71*	***BURLINGTON HYDRO LAKE ONTARIO OUTFALL 2047 LAKESHORE RD (AT BRANT) IN FRONT OF RIVERA TRANSFORMER BURLINGTON CITY ON L7R 1E1***	*SPL*

Ref No:	199012	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	4/24/2001	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CONTAINER LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	WORKS, FIRE, EPS
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Possible	**Site Municipality:**	14101
Nature of Impact:	Multi Media Pollution	**Site Lot:**	
Receiving Medium:	Land, Water	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	4/24/2001	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	STORM, FLOOD	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BURLINGTON HYDRO: SPILL OF POS. PCB TRANS. OIL TOGROUND, C/B-WORKS/HYDRO.		
Contaminant Qty:			

36	*1 of 1*	*NW/115.5*	*83.2 / 3.81*		*WWIS*

Burlington ON

Well ID:	7280353	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	2/1/2017
Sec. Water Use:	Monitoring	***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7484
Casing Material:		***Form Version:***	7
Audit No:	Z220724	***Owner:***	
Tag:	A125155	***Street Name:***	2071 LAKESHORE RD
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006349425	***Elevation:***	82.491966
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	597809
Code OB Desc:		***North83:***	4797776
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/24/2016	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006547654
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Other Materials:	CLAY
Mat3:	06
Other Materials:	SILT
Formation Top Depth:	0
Formation End Depth:	13
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006547655
Layer:	2

Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	13
Formation End Depth:	80
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006547664
Layer:	2
Plug From:	29
Plug To:	40
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006547663
Layer:	1
Plug From:	0
Plug To:	29
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	AUGER

Pipe Information

Pipe ID:	1006547653
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006547659
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	30
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006547660
Layer:	1

Slot:	10
Screen Top Depth:	30
Screen End Depth:	40
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.5

Water Details

Water ID:	1006547658
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	2
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006547657
Diameter:	3.5
Depth From:	6
Depth To:	40
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1006547656
Diameter:	6
Depth From:	0
Depth To:	6
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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37 | ***1 of 1*** | ***WNW/120.3*** | ***83.8 / 4.36*** | ***Mr. Stuart Scott***
393 Pearl Street, Burlington, Ontario,
ON L7R 2M8 | ***RSC***

RSC ID:	2378	**Cert Date:**	11-Oct-05
RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential
Curr Property Use:	Residential	**Qual Person Name:**	
Ministry District:	BURLINGTON	**Stratified (Y/N):**	
Filing Date:	26-Oct-05	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	Yes
Date Returned:		**Accuracy Estimate:**	11 to 20 meters
Restoration Type:		**Telephone:**	905-4694455
Soil Type:		**Fax:**	905-4694170
Criteria:		**Email:**	
CPU Issued Sect 1686:	No		

Asmt Roll No:	2402060-60807700
Prop ID No (PIN):	07065-0053 [LT]
Property Municipal Address:	393 Pearl Street, Burlington, Ontario,
Mailing Address:	2400 Wyecroft Road, Unit 6, Oakville, Ontario , L6L 6M8
Latitude & Latitude:	43.32446630N 79.79499560W
UTM Coordinates:	NAD83 17-597700-4797552 (converted from Latitude & Longitude)
Consultant:	
Legal Desc:	Part Lot 2, Block P, Complied Plan PL92, Part Lot 3, Block P, Complied Plan PL92, as in 851036; Burlington.
Measurement Method:	Interpolation from a map
Applicable Standards:	ESA Phase 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
RSC PDF:					
38	1 of 1	NE/122.0	79.9 / 0.45	Burlington ON	WWIS

Well ID:	7280352	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	2/1/2017
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7484
Casing Material:		**Form Version:**	7
Audit No:	Z220723	**Owner:**	
Tag:	A165774	**Street Name:**	2119 LAKSHORE RD
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006349422	**Elevation:**	79.87358
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	597985
Code OB Desc:		**North83:**	4797789
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/29/2016	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006547631
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1006547630
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Other Materials:	CLAY
Mat3:	06
Other Materials:	SILT
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006547639
Layer:	1
Plug From:	0
Plug To:	29
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006547640
Layer:	2
Plug From:	29
Plug To:	40
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	AUGER

Pipe Information

Pipe ID:	1006547629
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006547635
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	30
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006547636
Layer:	1
Slot:	10
Screen Top Depth:	30
Screen End Depth:	40
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.5

Hole Diameter

Hole ID:	1006547633
Diameter:	32
Depth From:	8
Depth To:	40
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1006547632
Diameter:	6
Depth From:	0
Depth To:	8
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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39 ***1 of 1*** ***NNW/122.2*** ***80.9 / 1.51*** ***ADI MORGAN DEVELOPMENTS (LAKESHORE) INC.***
374-380 MARTHA ST
BURLINGTON ON L7R 2P7 ***EASR***

Approval No:	R-009-7111578639	***SWP Area Name:***	Halton
Status:	REGISTERED	***MOE District:***	Halton-Peel
Date:	2019-09-25	***Municipality:***	BURLINGTON
Record Type:	EASR	***Latitude:***	43.32666667
Link Source:	MOFA	***Longitude:***	-79.79305556
Project Type:	Water Taking - Construction Dewatering	***Geometry X:***	-8882522.3133
Full Address:		***Geometry Y:***	5361826.7632
Approval Type:	EASR-Water Taking - Construction Dewatering		
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2182148		

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40 ***1 of 2*** ***WNW/134.3*** ***84.2 / 4.73*** ***Thornwood Development Group Inc.***
399 Pearl St.
Burlington ON L7R 2M8 ***GEN***

Generator No:	ON1990367	***PO Box No:***	
Status:		***Country:***	
Approval Years:	05	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	236110		
SIC Description:	Residential Building Construction		

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	2 of 2	WNW/134.3	84.2 / 4.73	987032 Ontario Inc. 399 Pearl Street, Burlington, Ontario, ON L7R 2M8	RSC

RSC ID: 2195
RA No:
RSC Type:
Curr Property Use: Residential
Ministry District: BURLINGTON
Filing Date: 29-Sep-05
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686: No
Cert Date: 19-Aug-05
Cert Prop Use No: No CPU
Intended Prop Use: Residential
Qual Person Name: Mr. David Gowans
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): Yes
Accuracy Estimate: 11 to 20 meters
Telephone: 905-4694455
Fax: 905-4694170
Email:

Asmt Roll No: 2402060-60807900
Prop ID No (PIN): 07065-0052
Property Municipal Address: 399 Pearl Street, Burlington, Ontario,
Mailing Address: 2400 Wyecroft Road, Unit 6, Oakville, Ontario , L6L 6M8
Latitude & Latitude: 43.32444630N 79.79499560W (converted from UTM)
UTM Coordinates: NAD83 17-597700-4797550
Consultant:
Legal Desc: PT LT 1 BLK P, COMPILED PLAN PL92, PT LT 2 BLK P, COMPILED PLAN PL92, AS IN 851035; BURLINGTON.
Measurement Method: Interpolation from a map
Applicable Standards: ESA Phase 1
RSC PDF:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	1 of 1	NNE/138.6	79.8 / 0.39	BURLINGTON HYDRO-ELECTRIC COMM 2119 LAKESHORE BLVD. AT JUNCTION ST. TRANSFORMER BURLINGTON CITY ON L7R 1A4	SPL

Ref No: 133345
Site No:
Incident Dt: 10/22/1996
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: LAND / WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/22/1996
Dt Document Closed:
Incident Reason: CORROSION
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: BURLINGTON HYDRO-99L OF TRANSFORMER OIL TO GROUNDDUE TO ROTTEN POLE.
Contaminant Qty:
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 14101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	1 of 1	NE/139.2	79.2 / -0.19	2107 And 2119 Old Lakeshore Road Burlington ON	EHS

Order No: 20161124016
Status: C
Report Type: Standard Report
Report Date: 30-NOV-16
Date Received: 24-NOV-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.791292
Y: 43.326673

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	1 of 1	NW/141.3	83.3 / 3.88	BURLINGTON ON	WWIS

Well ID: 7251745
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z189199
Tag: A165794
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 11/9/2015
Selected Flag: Yes
Abandonment Rec:
Contractor: 7484
Form Version: 7
Owner:
Street Name: 37 HANARTHA ST. (#374)
County: HALTON
Municipality: BURLINGTON CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005792586
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 7/28/2015
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 83.41645
Elevrc:
Zone: 17
East83: 597787
North83: 4797793
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1005803655
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05

Most Common Material: CLAY
Mat2: 84
Other Materials: SILTY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 15
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1005803656
Layer: 2
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 15
Formation End Depth: 65
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005803664
Layer: 1
Plug From: 0
Plug To: 54
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005803665
Layer: 2
Plug From: 54
Plug To: 65
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1005803654
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1005803660
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	55
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005803661
Layer:	1
Slot:	10
Screen Top Depth:	55
Screen End Depth:	65
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	25

Hole Diameter

Hole ID:	1005803657
Diameter:	6
Depth From:	0
Depth To:	20
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1005803658
Diameter:	3
Depth From:	20
Depth To:	60
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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44 | ***1 of 1*** | ***WSW/141.6*** | ***81.9 / 2.50*** | ***PUC VENTURE INN PARKING LOT LAKESHORE AND ELIZABETH MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON*** | ***SPL***

Ref No:	43204	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	11/9/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	14101
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	

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

Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	11/9/1990	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	OVERSTRESS/OVERPRESSURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BURLINGTON PUC VEHICLE- 8 L HYDRAULIC OIL TO PARKING LOT.		
Contaminant Qty:			

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45 **1 of 1** **NNW/144.2** **81.0 / 1.59** **987032 Ontario Inc.**
388 Martha Street, Burlington, Ontario
Burlington ON L7R 2P7 **RSC**

RSC ID:	2196	**Cert Date:**	19-Aug-05
RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential
Curr Property Use:	Residential	**Qual Person Name:**	Mr. David Gowans
Ministry District:	BURLINGTON	**Stratified (Y/N):**	
Filing Date:	29-Sep-05	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	Yes
Date Returned:		**Accuracy Estimate:**	11 to 20 meters
Restoration Type:		**Telephone:**	905-4694455
Soil Type:		**Fax:**	905-4694170
Criteria:		**Email:**	
CPU Issued Sect 1686:	No		
Asmt Roll No:			
Prop ID No (PIN):	07065-0105		
Property Municipal Address:	388 Martha Street, Burlington, Ontario		
Mailing Address:	2400 Wyecroft Road, Unit 6, Oakville, Ontario , L6L 6M8		
Latitude & Latitude:	43.32488340N 79.79375360W (converted from UTM)		
UTM Coordinates:	NAD83 17-597800-4797600		
Consultant:			
Legal Desc:	PT LT 11 BLK P, PL 92, AS IN 584332, PT LTS 11 & 12, BLK P, PL92, PT 2, 20R13745; BURLINGTON. S/T EXEC. NO. 96-00930, IF ENFORCEABLE		
Measurement Method:	Interpolation from a map		
Applicable Standards:	ESA Phase 1		
RSC PDF:			

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46 **1 of 1** **W/146.7** **83.6 / 4.15** **399 Elizabeth Street**
Burlington ON **SPL**

Ref No:	3207-B2BNVE	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2018/06/30	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Communal
Incident Event:	Operator/Human error	**Agency Involved:**	
Contaminant Code:	46	**Nearest Watercourse:**	
Contaminant Name:	COOKING GREASE	**Site Address:**	399 Elizabeth Street
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	n/a	**Site Region:**	Central
Environment Impact:		**Site Municipality:**	Burlington
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land	**Northing:**	4797683
MOE Response:	No	**Easting:**	597710
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2018/07/03	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Pollution Incident Reports (PIRs) and "Other" calls

Incident Reason: Deliberate Act
Source Type: Other
Site Name: The Baxter (apartment building)<UNOFFICIAL>
Site County/District: Regional Municipality of Halton
Site Geo Ref Meth:
Incident Summary: Progress Property Management- 15L used oil to cb
Contaminant Qty: 15 L

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47 | **1 of 1** | **WNW/147.7** | **84.7 / 5.26** | **Reichman Seniors Housing Development** | **GEN**
392,398 Pearl Street
Burlington ON L7R 2M9

Generator No: ON7923094
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 210250
SIC Description:
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 135
Waste Class Desc: REACTIVE ANION WASTES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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48 | **1 of 1** | **W/150.2** | **83.6 / 4.15** | **ON** | **BORE**

Borehole ID: 622391
OGF ID: 215522845
Status:
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: SEP-1970
Static Water Level:
Primary Water Use: Not Used
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Power auger
Orig Ground Elev m: 83.8
Elev Reliabil Note:
DEM Ground Elev m: 82.1
Concession:
Location D:
Survey D:
Comments:
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 43.325729
Longitude DD: -79.794791
UTM Zone: 17
Easting: 597715
Northing: 4797693
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID:	218425408	**Mat Consistency:**	
Top Depth:	4.4	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Refusal	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	REFUSAL OF ENTRY. 0000000100090105001O5E **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218425407	**Mat Consistency:**	Dense
Top Depth:	2.7	**Material Moisture:**	
Bottom Depth:	4.4	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	TILL,SILT. BROWN,GLACIAL,VERY DENSE, UNIFORM,AGE GLACIAL.		

Geology Stratum ID:	218425406	**Mat Consistency:**	Loose
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Concrete	**Depositional Gen:**	fill
Gsc Material Description:			
Stratum Description:	FILL,SILT,CLAY, CONCRETE. MAN-MADE,VERY LOOSE, AGE POST-GLACIAL.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: HAM.txt RecordID: 013910 NTS_Sheet: 30M05C		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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49 | ***1 of 4*** | ***NE/151.1*** | ***79.3 / -0.14*** | ***LMC Clinical Research Inc. Research 2119 Lakeshore Road Burlington ON L7R 1A4*** | ***GEN***

Generator No:	ON8001894	**PO Box No:**	N/A
Status:	Registered	**Country:**	Canada
Approval Years:	As of Dec 2018	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	

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

SIC Code:
SIC Description:

Detail(s)

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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49 **2 of 4** **NE/151.1** **79.3 / -0.14** **AVIVA Medical Specialists Clinic** **GEN**
2119 Old Lakeshore Rd.
Burlington ON L7R1A4

Generator No: ON4373261
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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49 **3 of 4** **NE/151.1** **79.3 / -0.14** **AVIVA Medical Specialists Clinic** **GEN**
2119 Old Lakeshore Rd.
Burlington ON L7R1A4

Generator No: ON4373261
Status: Registered
Approval Years: As of Oct 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

---

49 **4 of 4** **NE/151.1** **79.3 / -0.14** **LMC Clinical Research Inc. Research** **GEN**
2119 Lakeshore Road
Burlington ON L7R 1A4

Generator No: ON8001894
Status: Registered
Approval Years: As of Oct 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No: N/A
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 261 A

Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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50 **1 of 1** **W/151.8** **83.8 / 4.41** **ON** **BORE**

Borehole ID:	622393	**Inclin FLG:**	No
OGF ID:	215522847	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	SEP-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.325819
Total Depth m:	4.6	**Longitude DD:**	-79.79479
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	597715
Drill Method:	Power auger	**Northing:**	4797703
Orig Ground Elev m:	83.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	82.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218425413	**Mat Consistency:**	Dense
Top Depth:	2.4	**Material Moisture:**	
Bottom Depth:	4.6	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			

Stratum Description: TILL,SILT. BROWN,GLACIAL,VERY DENSE, UNIFORM,AGE GLACIAL.

Geology Stratum ID:	218425412	**Mat Consistency:**	Compact
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Organic	**Depositional Gen:**	fill
Gsc Material Description:			

Stratum Description: FILL,SILT,SAND, ORGANIC. MAN-MADE,COMPACT,UNIFORM, AGE POST-GLACIAL.

Geology Stratum ID:	218425414	**Mat Consistency:**	
Top Depth:	4.6	**Material Moisture:**	
Bottom Depth:	4.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: BEDROCK,SHALE. AGE UNDIFFERENTIATED. 000000120008008500093 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	M	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: HAM.txt RecordID: 013930 NTS_Sheet: 30M05C		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	***Horizontal Datum:***	NAD27
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	1956-1972	***Projection Name:***	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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51 ***1 of 1*** ***WNW/153.4*** ***84.3 / 4.87*** ***Pearl & Pine St. Facility Inc.*** ***RSC***
398 PEARL ST, BURLINGTON, ON, L7R 2M9
BURLINGTON ON L7R 2M9

RSC ID:	45459	***Cert Date:***	20-Aug-07
RA No:		***Cert Prop Use No:***	No CPU
RSC Type:		***Intended Prop Use:***	Residential
Curr Property Use:	Commercial	***Qual Person Name:***	Bennie Seliger
Ministry District:	BURLINGTON	***Stratified (Y/N):***	
Filing Date:	19-Aug-08	***Audit (Y/N):***	
Date Ack:		***Entire Leg Prop. (Y/N):***	Yes
Date Returned:		***Accuracy Estimate:***	11 to 20 meters
Restoration Type:		***Telephone:***	416-6409659
Soil Type:		***Fax:***	416-6462673
Criteria:		***Email:***	bseliger@rshdevco.com
CPU Issued Sect 1686:	No		
Asmt Roll No:			
Prop ID No (PIN):	07065 - 0014 LT		
Property Municipal Address:	398 PEARL ST, BURLINGTON, ON, L7R 2M9		
Mailing Address:	Suite 1200, 22 ST. CLAIRE AVE E, TORONTO, ON, M4T 2S3		
Latitude & Latitude:	43.32618030N 79.79462830W (converted from UTM)		
UTM Coordinates:	NAD83 17-597727-4797743		
Consultant:			
Legal Desc:	LT 11 BLK O , Compiled Plan PL92 ; LT 12 BLK O , Compiled Plan PL92 , EXCEPT PT 2 20R5331 ; BURLINGTON		
Measurement Method:	Interpolation from a map		
Applicable Standards:	Full Depth Site Conditions Standard, with Potable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use		
RSC PDF:			

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52 ***1 of 1*** ***NNW/159.7*** ***81.1 / 1.66*** ***987032 Ontario Inc.*** ***RSC***
394 Martha Street, Burlington, Ontario,
ON L7R 2P7

RSC ID:	2197	***Cert Date:***	19-Aug-05
RA No:		***Cert Prop Use No:***	No CPU
RSC Type:		***Intended Prop Use:***	Residential
Curr Property Use:	Residential	***Qual Person Name:***	Mr. David Gowans
Ministry District:	BURLINGTON	***Stratified (Y/N):***	
Filing Date:	29-Sep-05	***Audit (Y/N):***	
Date Ack:		***Entire Leg Prop. (Y/N):***	Yes

Date Returned:		**Accuracy Estimate:**	11 to 20 meters
Restoration Type:		**Telephone:**	905-4694455
Soil Type:		**Fax:**	905-4694170
Criteria:		**Email:**	
CPU Issued Sect 1686:	No		
Asmt Roll No:			
Prop ID No (PIN):	07065-104		
Property Municipal Address:	394 Martha Street, Burlington, Ontario,		
Mailing Address:	2400 Wyecroft Road, Unit 6, Oakville, Ontario , L6L 6M8		
Latitude & Latitude:	43.32488340N 79.79375360W (converted from UTM)		
UTM Coordinates:	NAD83 17-597800-4797600		
Consultant:			
Legal Desc:	PT LTS 12 & 13, BLK P, PL92, PTS 1 & 3, 20R13745; BURLINGTON. S/T 395579. S/T EXEC NO. 96-00930, IF ENFORCABLE.		
Measurement Method:	Interpolation from a map		
Applicable Standards:	ESA Phase 1		
RSC PDF:			

53 ***1 of 1*** ***W/161.6*** ***83.3 / 3.83*** ***ON*** ***BORE***

Borehole ID:	622392	**Inclin FLG:**	No
OGF ID:	215522846	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	SEP-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.32582
Total Depth m:	4.6	**Longitude DD:**	-79.794913
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	597705
Drill Method:	Power auger	**Northing:**	4797703
Orig Ground Elev m:	83.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	82.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218425410	**Mat Consistency:**	Dense
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	4.6	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	TILL,SILT. BROWN,GLACIAL,VERY DENSE, UNIFORM,AGE GLACIAL.		

Geology Stratum ID:	218425409	**Mat Consistency:**	Compact
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Organic	**Depositional Gen:**	fill

Gsc Material Description:
Stratum Description: FILL,SAND,SILT, ORGANIC. MAN-MADE,COMPACT,UNIFORM, AGE POST-GLACIAL.

Geology Stratum ID: 218425411
Top Depth: 4.6
Bottom Depth: 4.6
Material Color:
Material 1: Bedrock
Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK,SHALE. AGE UNDIFFERENTIATED. 000000120007016400125 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: M
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: HAM.txt RecordID: 013920 NTS_Sheet: 30M05C
Confiden 1: Reliable information but incomplete.

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

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54 | ***1 of 1*** | ***NW/162.9*** | ***82.8 / 3.36*** | ***2085 Pine St Burlington ON L7R1G1*** | ***EHS***

Order No: 20140512025
Status: C
Report Type: Standard Report
Report Date: 13-MAY-14
Date Received: 12-MAY-14
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Title Searches; City Directory

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.793849
Y: 43.326857

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55 | ***1 of 2*** | ***W/163.9*** | ***82.9 / 3.45*** | ***BURLINGTON HYDRO-ELECTRIC COMM 399 ELIZABETH STREET TRANSFORMER BURLINGTON CITY ON*** | ***SPL***

Ref No: 71095
Site No:
Incident Dt: 5/23/1992
Year:
Incident Cause: COOLING SYSTEM LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:

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

Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	14101
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	5/23/1992	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	GASKET/JOINT	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BURLINGTON HYDRO: 10 L TRANSFORMER OIL TO GROUND		
Contaminant Qty:			

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55 | ***2 of 2*** | ***W/163.9*** | ***82.9 / 3.45*** | ***BAXTER'S WHARF INC.***
399 ELIZABETH STREET, BURLINGTON, ONTARIO , L7R 2L7
ON L7R 0A4 | ***RSC***

RSC ID:	1311	**Cert Date:**	15-Jul-04
RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential
Curr Property Use:	Commercial	**Qual Person Name:**	VINCE MOLINARO
Ministry District:	BURLINGTON	**Stratified (Y/N):**	
Filing Date:	8-Feb-05	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	Yes
Date Returned:		**Accuracy Estimate:**	501 to 1,000 meters
Restoration Type:		**Telephone:**	905-5291123
Soil Type:		**Fax:**	905-5297969
Criteria:		**Email:**	vincemol@molinaro.ca
CPU Issued Sect 1686:	No		
Asmt Roll No:	2402-060-608-02200-0000		
Prop ID No (PIN):			
Property Municipal Address:	399 ELIZABETH STREET, BURLINGTON, ONTARIO , L7R 2L7		
Mailing Address:	Suite 1ST FLOOR, 155 MARKET ST, HAMILTON, ON, L8R 3H5		
Latitude & Latitude:	43.32579670N 79.79496890W (converted from UTM)		
UTM Coordinates:	NAD83 17-597700-4797700		
Consultant:			
Legal Desc:	LOT 2, BLOCK O, COMPILED PLAN PL92, LOT 3, BLOCK O, COMPILED PLAN PL92, PART LOT 1, BLOCK O, COMPILED PLAN PL92, PART LOT 4, BLOCK O, COMPILED PLAN PL92, AND PART LOT 5, BLOCK O, COMPILED PLAN PL92, DESIGNATED AS PART 1 ON REFERENCE PLAN 20R-7161, CITY OF BURLINGTON, REGIONAL MUNICIPALITY OF HALTON, LAND REGISTRY OFFICE FOR THE LAND TITLES DIVISION OF HALTON (No. 20)		
Measurement Method:	Interpolation from a map		
Applicable Standards:	Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use		
RSC PDF:			

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56 | ***1 of 1*** | ***NW/166.0*** | ***83.8 / 4.36*** | ***987032 Ontario Inc.***
2078 Pine Street, Burlington, Ontario
Burlington ON L7R 1G2 | ***RSC***

RSC ID:	2193	**Cert Date:**	19-Aug-05
RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential
Curr Property Use:	Residential	**Qual Person Name:**	Mr. David Gowans
Ministry District:	BURLINGTON	**Stratified (Y/N):**	
Filing Date:	29-Sep-05	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	Yes
Date Returned:		**Accuracy Estimate:**	11 to 20 meters
Restoration Type:		**Telephone:**	905-4694455

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

Soil Type:		**Fax:**	905-4694170
Criteria:		**Email:**	
CPU Issued Sect 1686:	No		
Asmt Roll No:	2402060-60809900		
Prop ID No (PIN):	07065-0051		
Property Municipal Address:	2078 Pine Street, Burlington, Ontario		
Mailing Address:	2400 Wyecroft Road, Unit 6, Oakville, Ontario , L6L 6M8		
Latitude & Latitude:	43.32488990N 79.79437010W (converted from UTM)		
UTM Coordinates:	NAD83 17-597750-4797600		
Consultant:			
Legal Desc:	PT LT 1 BLK P, COMPLIED PLAN PL92, PT LT 2 BLK P, COMPLIED PLAN PL92, PT LT 3 BLK P, COMPLIED PLAN PL92,, AS IN 503528, EXCEPT PT4 20R6031; BURLINGTON		
Measurement Method:	Interpolation from a map		
Applicable Standards:	ESA Phase 1		
RSC PDF:			

57	1 of 1	NW/168.9	83.2 / 3.77	**987032 Ontario Inc.** **2082 Pine Street, Burlington, Ontario, ON L7R 1G2**	RSC

RSC ID:	2194	**Cert Date:**	19-Aug-05
RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential
Curr Property Use:	Residential	**Qual Person Name:**	Mr. David Gowans
Ministry District:	BURLINGTON	**Stratified (Y/N):**	
Filing Date:	29-Sep-05	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	Yes
Date Returned:		**Accuracy Estimate:**	11 to 20 meters
Restoration Type:		**Telephone:**	905-4694455
Soil Type:		**Fax:**	905-4694170
Criteria:		**Email:**	
CPU Issued Sect 1686:	No		
Asmt Roll No:	2402060-60810000		
Prop ID No (PIN):	07065-0050		
Property Municipal Address:	2082 Pine Street, Burlington, Ontario,		
Mailing Address:	2400 Wyecroft Road, Unit 6, Oakville, Ontario , L6L M8		
Latitude & Latitude:	43.32488990N 79.79437010W (converted from UTM)		
UTM Coordinates:	NAD83 17-597750-4797600		
Consultant:			
Legal Desc:	PT LOT 11 BLK P, COMPILED PLAN PL92, PT LOT 12 BLK P, COMPILED PLAN PL92, PT LOT 13 BLK P, COMPILED PLAN PL92, AS IN 529136, EXCEPT PT 1 20R5223; BURLINGTON		
Measurement Method:	Interpolation from a map		
Applicable Standards:	ESA Phase 1		
RSC PDF:			

58	1 of 1	NNE/169.2	78.0 / -1.43	**Sun Mechanical** **2121 Lakeshore Road** **Burlington ON**	GEN

Generator No:	ON8629510	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2012	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	238220		
SIC Description:	Plumbing Heating and Air-Conditioning Contractors		

59	1 of 1	NW/172.5	82.8 / 3.36	**2086 Pine St** **BURLINGTON ON L7R 1G2**	HINC

External File Num:	FS INC 0803-01277
Fuel Occurrence Type:	Pipeline Strike

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

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60 **1 of 1** **NE/188.7** **77.2 / -2.19** **ON** **BORE**

Borehole ID:	621665	**Inclin FLG:**	No
OGF ID:	215522119	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	NOV-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.327223
Total Depth m:	7.7	**Longitude DD:**	-79.791308
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	597995
Drill Method:	Power auger	**Northing:**	4797863
Orig Ground Elev m:	80.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	78.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218421908	**Mat Consistency:**	Dense
Top Depth:	.6	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	SILT,SAND,CLAY. BROWN,VERY DENSE,AGE GLACIAL.		

Geology Stratum ID:	218421909	**Mat Consistency:**	Hard
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	7.7	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	

Material 2:	Clay	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	SILT,CLAY,SHALE. BROWN,HARD,LAMINATED, AGE GLACIAL. 000200830010042000040 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218421907	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.6	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Soil	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SOIL,SAND. BROWN,SURFACE, AGE POST-GLACIAL.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: HAM.txt RecordID: 006640 NTS_Sheet: 30M05C		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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61 | ***1 of 1*** | ***WNW/197.0*** | ***84.7 / 5.23*** | ***VILLAGE SQUARE (BURLINGTON)***
2049 PINE ST., UNITS 17 & 18
BURLINGTON ON L7R 1E9 | ***CA***

Certificate #:	8-3211-98-
Application Year:	98
Issue Date:	6/1/1998
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	COMMERCIAL KITCHEN EXHAUST EQUIPMENT
Contaminants:	Odour/Fumes
Emission Control:	Panel Filter

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62 | ***1 of 1*** | ***W/200.3*** | ***81.9 / 2.49*** | ***1536493 Ont. Inc.***
391 John St
Burlington ON L7R 2K3 | ***GEN***

Generator No:	ON8545477	**PO Box No:**	
Status:		**Country:**	

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

Approval Years:	04	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	453999		
SIC Description:	All Other Miscellaneous Store Retailers (except Beer and Wine-Making Supplies Stores)		

63 | ***1 of 1*** | ***NE/206.3*** | ***77.4 / -2.02*** | ***2137 Lakeshore Road Burlington ON*** | ***SPL***

Ref No:	1844-AMRS6W	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	5/27/2017	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Municipal Sewage
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	44	**Nearest Watercourse:**	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	**Site Address:**	2137 Lakeshore Road
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:	n/a	**Site Postal Code:**	
Contaminant UN No 1:	n/a	**Site Region:**	Central
Environment Impact:		**Site Municipality:**	Burlington
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land; Surface Water	**Northing:**	4797866
MOE Response:		**Easting:**	598023
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	5/27/2017	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	Equipment Failure	**Source Type:**	Sewage Treatment
Site Name:	Pump Station - Junction Street<UNOFFICIAL>		
Site County/District:	Regional Municipality of Halton		
Site Geo Ref Meth:	10 -100 metres eg. Topographic Map		
Incident Summary:	Region of Halton: swg spill to Rambo Creek; ongoing		
Contaminant Qty:	1267 m³		

64 | ***1 of 1*** | ***W/208.8*** | ***83.8 / 4.38*** | ***2037 PINE ST, BURLINGTON ON*** | ***INC***

Incident No:	1256122
Incident ID:	
Attribute Category:	FS-Perform L1 Incident Insp
Status Code:	
Incident Location:	2037 PINE ST, BURLINGTON - VAPOUR RELEASE
Drainage System:	
Sub Surface Contam.:	
Aff. Prop. Use Water:	
Contam. Migrated:	
Contact Natural Env.:	
Near Body of Water:	
Approx. Quant. Rel.:	
Equipment Model:	
Serial No:	
Residential App. Type:	
Commercial App. Type:	
Industrial App. Type:	
Institutional App. Type:	
Venting Type:	
Vent Connector Mater:	
Vent Chimney Mater:	
Pipeline Type:	
Pipeline Involved:	
Pipe Material:	
Depth Ground Cover:	

Regulator Location:	
Regulator Type:	
Operation Pressure:	
Liquid Prop Make:	
Liquid Prop Model:	
Liquid Prop Serial No:	
Equipment Type:	
Cylinder Capacity:	
Cylinder Capac. Units:	
Cylinder Material Type:	
Tank Capacity:	
Fuels Occurence Type:	Vapour Release
Fuel Type Involved:	Natural Gas
Date of Occurence:	2013/10/01 00:00:00
Time of Occurence:	NULL
Occur Insp Start Date:	2013/10/01 00:00:00
Any Health Impact:	No
Any Environmental Impact:	No
Was Service Interrupted:	Yes
Was Property Damaged:	No
Operation Type Involved:	Commercial (e.g. restaurant, business unit, etc)
Enforcement Policy:	NULL
Prc Escalation Required:	NULL
Task No:	4667722
Notes:	
Occurence Narrative:	NULL
Tank Material Type:	
Tank Storage Type:	
Tank Location Type:	
Pump Flow Rate Capac:	
Liquid Prop Notes:	

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65 | ***1 of 1*** | ***W/211.7*** | ***83.2 / 3.79*** | ***396 Elizabeth Street Burlington ON L7R 2L6*** | ***EHS***

Order No:	20190812255	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Express Report	**Client Prov/State:**	ON
Report Date:	12-AUG-19	**Search Radius (km):**	.25
Date Received:	12-AUG-19	**X:**	-79.7955621
Previous Site Name:		**Y:**	43.3254248
Lot/Building Size:			
Additional Info Ordered:			

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66 | ***1 of 1*** | ***WNW/213.3*** | ***84.7 / 5.22*** | ***415 Elizabeth St Burlington ON L7R 2L8*** | ***EHS***

Order No:	20121203001	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	11-DEC-12	**Search Radius (km):**	.25
Date Received:	03-DEC-12	**X:**	-79.795346
Previous Site Name:		**Y:**	43.326347
Lot/Building Size:	1.6 acres		
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; Aerial Photos		

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67 | ***1 of 1*** | ***WNW/213.5*** | ***84.7 / 5.22*** | ***2037 Pine Street Burlington ON*** | ***EHS***

Order No:	20130603003	**Nearest Intersection:**	

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

Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	11-JUN-13	**Search Radius (km):**	.25
Date Received:	03-JUN-13	**X:**	-79.795354
Previous Site Name:		**Y:**	43.326339
Lot/Building Size:			
Additional Info Ordered:			

---

68 | **1 of 1** | **WNW/218.3** | **84.8 / 5.41** | **1121206 ONTARIO INC.**
420 PEARL STREET
BURLINGTON CITY ON L7R 2N1 | **CA**

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

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69 | **1 of 1** | **WSW/219.6** | **81.1 / 1.70** | **ON** | **BORE**

Borehole ID:	621734	**Inclin FLG:**	No
OGF ID:	215522188	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	MAY-1964	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.324563
Total Depth m:	4.5	**Longitude DD:**	-79.795308
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	597675
Drill Method:	Power auger	**Northing:**	4797563
Orig Ground Elev m:	82.6	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	81.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218422183	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.9	**Material Texture:**	
Material Color:	Green	**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	fill
Gsc Material Description:			

Stratum Description: FILL,SAND,GRAVEL. GREEN,MAN-MADE,GRANULAR, AGE POST-GLACIAL.

Geology Stratum ID:	218422186	***Mat Consistency:***	Dense
Top Depth:	2.8	***Material Moisture:***	
Bottom Depth:	4.5	***Material Texture:***	
Material Color:	Red	***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Shale	***Geologic Group:***	
Material 3:	Limestone	***Geologic Period:***	Ordovician
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: BEDROCK,SHALE, LIMESTONE. RED,VERY DENSE,LAYERED, AGE ORDOVICIAN. 000300030007060000093100,SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	218422184	***Mat Consistency:***	Loose
Top Depth:	.9	***Material Moisture:***	
Bottom Depth:	2.1	***Material Texture:***	
Material Color:	Green	***Non Geo Mat Type:***	
Material 1:	Fill	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:	Wood Fragments	***Depositional Gen:***	fill

Gsc Material Description:
Stratum Description: FILL,SAND,SILT,WOOD.GREEN,MAN-MADE,LOOSE,RUBBLY, AGE POST-GLACIAL.

Geology Stratum ID:	218422185	***Mat Consistency:***	Dense
Top Depth:	2.1	***Material Moisture:***	
Bottom Depth:	2.8	***Material Texture:***	
Material Color:	Red	***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Shale	***Geologic Group:***	
Material 3:		***Geologic Period:***	Ordovician
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: BEDROCK,SHALE. RED,VERY DENSE,WEATHERED, AGE ORDOVICIAN.

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	M	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: HAM.txt RecordID: 007340 NTS_Sheet: 30M05C
Confiden 1: Reliable information but incomplete.

Source List

Source Identifier:	1	***Horizontal Datum:***	NAD27
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	1956-1972	***Projection Name:***	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

70	1 of 1	W/221.4	83.8 / 4.38	ESPRESSO BAR, ROASTERY & DESSERT HOUSE L 413 ELIZABETH STREET BURLINGTON ON L7R 2L8	CA

Certificate #: 8-3173-98-

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

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71 **1 of 1** **W/230.7** **83.6 / 4.20** **DESKTOP TEXT & DESIGN**
399 JOHN ST UNIT 310
BURLINGTON ON L7R 2K3 **SCT**

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

--Details--
Description: MISCELLANEOUS PUBLISHING
SIC/NAICS Code: 2741

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72 **1 of 1** **NNW/232.6** **79.9 / 0.41** **ON** **WWIS**

Well ID: 7272672
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z239817
Tag: A206289
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 10/5/2016
Selected Flag: Yes
Abandonment Rec:
Contractor: 7472
Form Version: 7
Owner:
Street Name:
County: HALTON
Municipality: BURLINGTON CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1006262066
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 8/4/2016
Remarks:
Elevrc Desc:

Elevation: 81.230857
Elevrc:
Zone: 17
East83: 597799
North83: 4797903
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1006392051
Layer: 2
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 28
Other Materials: SAND
Mat3: 05
Other Materials: CLAY
Formation Top Depth: 2
Formation End Depth: 7
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006392050
Layer: 1
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Other Materials: SAND
Mat3: 01
Other Materials: FILL
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006392052
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3: 92
Other Materials: WEATHERED
Formation Top Depth: 7
Formation End Depth: 50
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006392060
Layer: 1

Plug From: 0
Plug To: 19
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006392061
Layer: 2
Plug From: 19
Plug To: 50
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 6
Method Construction: Boring
Other Method Construction: DIAMOND

Pipe Information

Pipe ID: 1006392049
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006392056
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 20
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006392057
Layer: 1
Slot: 10
Screen Top Depth: 20
Screen End Depth: 50
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Hole Diameter

Hole ID: 1006392053
Diameter: 6
Depth From: 0
Depth To: 7
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID:	1006392054
Diameter:	4
Depth From:	7
Depth To:	50
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

---

73 ***1 of 1*** ***WNW/238.4*** ***84.6 / 5.12*** ***BURLINGTON ON*** ***WWIS***

Well ID:	2810067	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	10/11/2004
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6607
Casing Material:		***Form Version:***	3
Audit No:	Z19529	***Owner:***	
Tag:	A016894	***Street Name:***	380 BRANT ST.
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BB
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11174684	***Elevation:***	84.111694
DP2BR:	13	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	597635
Code OB Desc:	Bedrock	***North83:***	4797742
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	10/8/2004	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932974939
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	

Mat3:
Other Materials:
Formation Top Depth: 4
Formation End Depth: 6
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932974937
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Other Materials: SILT
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 0.9
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932974938
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Other Materials: SILT
Mat3:
Other Materials:
Formation Top Depth: 0.9
Formation End Depth: 4
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933255932
Layer: 2
Plug From: 0.15
Plug To: 2.6
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933255931
Layer: 1
Plug From: 0
Plug To: 0.15
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:

Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 11183203
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930845990
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 3
Casing Diameter: 5
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933409581
Layer: 1
Slot: 10
Screen Top Depth: 3
Screen End Depth: 6
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.4

Water Details

Water ID: 934052452
Layer: 1
Kind Code:
Kind:
Water Found Depth: 0
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11308285
Diameter: 15
Depth From: 0
Depth To: 6
Hole Depth UOM: m
Hole Diameter UOM: cm

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74 ***1 of 1*** ***WNW/239.1*** ***84.6 / 5.12*** ***ON*** ***BORE***

Borehole ID: 622677
OGF ID: 215523131
Status:
Type: Borehole
Use: Geotechnical/Geological Investigation
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:

Completion Date:	FEB-1967	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.326189
Total Depth m:	4.7	**Longitude DD:**	-79.795769
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	597635
Drill Method:	Power auger	**Northing:**	4797743
Orig Ground Elev m:	88.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	84.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218426652	**Mat Consistency:**	Hard
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3.4	**Material Texture:**	Medium
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	SILT,CLAY,SAND MEDIUM. BROWN,VERY HARD,UNIFORM, AGE GLACIAL.		

Geology Stratum ID:	218426653	**Mat Consistency:**	Hard
Top Depth:	3.4	**Material Moisture:**	
Bottom Depth:	4.7	**Material Texture:**	
Material Color:	Green	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	SILT,CLAY,GRAVEL. GREEN,VERY HARD,UNIFORM, AGE GLACIAL. 012 012 0000010200110 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: HAM.txt RecordID: 016770 NTS_Sheet: 30M05C		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

75	1 of 1	WSW/240.0	80.9 / 1.41	2020 LAKESHORE ROAD	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				BURLINGTON ON L7R 4G8	

Order No:	20080117003	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Complete Report	**Client Prov/State:**	ON
Report Date:	1/25/2008	**Search Radius (km):**	0.25
Date Received:	1/17/2008	**X:**	-79.79525
Previous Site Name:		**Y:**	43.324318
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
76	1 of 1	NNW/248.6	79.8 / 0.34	**401 Martha Street Burlington ON**	EHS

Order No:	20160711032	**Nearest Intersection:**	
Status:	C	**Municipality:**	Burlington
Report Type:	RSC Report (Urban)	**Client Prov/State:**	ON
Report Date:	12-JUL-16	**Search Radius (km):**	.3
Date Received:	11-JUL-16	**X:**	-79.793659
Previous Site Name:		**Y:**	43.327788
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
77	1 of 1	NNW/249.0	79.7 / 0.31	**411 Martha St Burlington ON L7R2P6**	EHS

Order No:	20160812015	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	17-AUG-16	**Search Radius (km):**	.25
Date Received:	12-AUG-16	**X:**	-79.793828
Previous Site Name:		**Y:**	43.327734
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
78	1 of 1	NNE/249.3	80.8 / 1.35	**360 Torrance Street Burlington ON**	EHS

Order No:	20171116165	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	24-NOV-17	**Search Radius (km):**	.25
Date Received:	16-NOV-17	**X:**	-79.791189
Previous Site Name:		**Y:**	43.327789
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
79	1 of 1	WSW/251.8	82.9 / 3.45	**RC'S BOARDWALK INC. 2013 LAKESHORE ROAD WEST BURLINGTON CITY ON**	CA

Certificate #:	8-3191-95-
Application Year:	95
Issue Date:	5/5/1995
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	

Client Address:
Client City:
Client Postal Code:
Project Description: COMMERCIAL KITCHEN EXHAUST SYSTEM
Contaminants: Nitrogen Oxides, Odour/Fumes
Emission Control: Impingement Separator,

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80 ***1 of 1*** ***WSW/256.6*** ***79.5 / 0.10*** ***BURLINGTON ON*** ***WWIS***

Well ID: 7209538
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z171605
Tag: A149632
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 10/15/2013
Selected Flag: Yes
Abandonment Rec:
Contractor: 7147
Form Version: 7
Owner:
Street Name: 2020 LAKESHORE ROAD
County: HALTON
Municipality: BURLINGTON CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1004604842
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 9/16/2013
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 78.106773
Elevrc:
Zone: 17
East83: 597660
North83: 4797518
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1004633655
Layer: 3
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:

Formation Top Depth: 6.1
Formation End Depth:
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004633654
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3.1
Formation End Depth: 6.1
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004633653
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3.1
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004633664
Layer: 3
Plug From: 2.8
Plug To: 6.1
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004633665
Layer: 4
Plug From:
Plug To: 6.1
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004633663
Layer: 2
Plug From: 0.3

Plug To: 2.8
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004633662
Layer: 1
Plug From: 0
Plug To: 0.3
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: PIONAAR

Pipe Information

Pipe ID: 1004633652
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004633658
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 3.1
Casing Diameter: 3.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004633659
Layer: 1
Slot: 10
Screen Top Depth: 3
Screen End Depth: 6.1
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.3

Water Details

Water ID: 1004633657
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 6
Water Found Depth UOM: m

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

Hole Diameter

Hole ID: 1004633656
Diameter: 5
Depth From: 0
Depth To: 6.1
Hole Depth UOM: m
Hole Diameter UOM: cm

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81 | ***1 of 2*** | ***NNE/257.2*** | ***81.4 / 1.97*** | ***GWL Realty Advisors Inc.***
360 Torrance St Torrance Terrace Apartments
Burlington ON | ***CA***

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

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81 | ***2 of 2*** | ***NNE/257.2*** | ***81.4 / 1.97*** | ***GWL Realty Advisors Inc.***
360 Torrance St Torrance Terrace Apartments
Burlington ON M5G 1R8 | ***ECA***

Approval No: 4977-7K9LB5
Approval Date: 2008-10-09
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Halton
Approval Type: ECA-AIR
Project Type: AIR
Address: 360 Torrance St Torrance Terrace Apartments
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9116-7GVNRH-14.pdf
MOE District: Halton-Peel
City:
Longitude: -79.79131
Latitude: 43.327827
Geometry X:
Geometry Y:

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82 | ***1 of 1*** | ***NE/261.6*** | ***80.9 / 1.44*** | ***2160 Lakeshore Rd And 360 Torrance St***
Burlington ON | ***EHS***

Order No: 20120801032
Status: C
Report Type: Custom Report
Report Date: 13-AUG-12
Date Received: 01-AUG-12
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.79059
Y: 43.327669

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83 | ***1 of 1*** | ***ENE/262.2*** | ***75.6 / -3.80*** | ***ON*** | ***WWIS***

Well ID: 7214926
Construction Date:
Data Entry Status: Yes
Data Src:

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

Primary Water Use:		**Date Received:**	1/17/2014
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	6988
Casing Material:		**Form Version:**	8
Audit No:	C20117	**Owner:**	
Tag:	A118418	**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004689399	**Elevation:**	75.099258
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	598123
Code OB Desc:		**North83:**	4797843
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/27/2013	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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84 | ***1 of 1*** | ***NW/267.0*** | ***82.2 / 2.72*** | ***425 Pearl St Burlington ON L7R2N2*** | ***EHS***

Order No:	20140612046	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	18-JUN-14	**Search Radius (km):**	.25
Date Received:	12-JUN-14	**X:**	-79.794789
Previous Site Name:		**Y:**	43.327541
Lot/Building Size:			
Additional Info Ordered:			

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85 | ***1 of 1*** | ***W/274.3*** | ***84.8 / 5.41*** | ***John St Burlington ON*** | ***EHS***

Order No:	20130918031	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	27-SEP-13	**Search Radius (km):**	.25
Date Received:	18-SEP-13	**X:**	-79.79631
Previous Site Name:		**Y:**	43.32587
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
86	1 of 6	WSW/281.1	82.8 / 3.32	R.M. OF PEEL BRANT ST./LAKESHORE RD. MISSISSAUGA CITY ON	CA

Certificate #: 3-0495-93-
Application Year: 93
Issue Date: 5/25/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
86	2 of 6	WSW/281.1	82.8 / 3.32	R.M. OF PEEL BRANT ST./LAKESHORE RD. MISSISSAUGA CITY ON	CA

Certificate #: 7-0407-93-
Application Year: 93
Issue Date: 5/25/1993
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
86	3 of 6	WSW/281.1	82.8 / 3.32	R.M. OF HALTON BRANT ST/LAKESHORE RD/ELGIN ST BURLINGTON ON	CA

Certificate #: 7-0030-98-
Application Year: 98
Issue Date: 2/3/1998
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
86	4 of 6	WSW/281.1	82.8 / 3.32	Brant St & Lakeshore Burlington ON	SPL

Ref No: 8508-7EAS6H
Site No:
Incident Dt:
Discharger Report:
Material Group:
Health/Env Conseq:

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

Year:		**Client Type:**	
Incident Cause:	Discharge Or Bypass To A Watercourse	**Sector Type:**	Unknown
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Confirmed	**Site Municipality:**	Burlington
Nature of Impact:	Surface Water Pollution	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No Field Response	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	5/3/2008	**Site Map Datum:**	
Dt Document Closed:	7/22/2008	**SAC Action Class:**	Great Lakes and their Interconnecting Channels Spills
Incident Reason:	Unknown - Reason not determined	**Source Type:**	
Site Name:	Lake ON at breakwall at Spencer Smith Park<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	possible ship source: fuel sheen at Spencer Smith Pk		
Contaminant Qty:	0 other - see incident description		

86	5 of 6	WSW/281.1	82.8 / 3.32	**Harm Schilthuis<UNOFFICIAL>** **Lake Shore & Brant St.** **Burlington ON**	SPL

Ref No:	2511-7HRJSQ	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:		**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Other Discharges	**Sector Type:**	Other Motor Vehicle
Incident Event:		**Agency Involved:**	
Contaminant Code:	15	**Nearest Watercourse:**	
Contaminant Name:	HYDRAULIC OIL	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Confirmed	**Site Municipality:**	Burlington
Nature of Impact:	Surface Water Pollution	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	Planned Field Response	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	8/22/2008	**Site Map Datum:**	
Dt Document Closed:	9/4/2008	**SAC Action Class:**	Watercourse Spills
Incident Reason:	Equipment/Vehicles	**Source Type:**	
Site Name:	Pier construction<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Harm Schilithuis: Crane to Lake Ontario ¿ Burlington		
Contaminant Qty:	1 L		

86	6 of 6	WSW/281.1	82.8 / 3.32	**The Corporation of the City of Burlington** **Brant Street and Lakeshore Road South portion of intersection, entrance to Spencer Smith Park** **Burlington ON L7R 3Z6**	ECA

Approval No:	9449-AVGTUV	**MOE District:**	
Approval Date:	2018-02-26	**City:**	
Status:	Approved	**Longitude:**	

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

Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Brant Street and Lakeshore Road South portion of intersection, entrance to Spencer Smith Park		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5143-AU7MUP-14.pdf		

87 **1 of 1** **NNW/288.6** **82.0 / 2.55** **ON** **BORE**

Borehole ID:	622281	**Inclin FLG:**	No
OGF ID:	215522735	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	NOV-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.328149
Total Depth m:	9.1	**Longitude DD:**	-79.793757
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	597795
Drill Method:	Power auger	**Northing:**	4797963
Orig Ground Elev m:	82.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	79.9		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218425028	**Mat Consistency:**	Loose
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.9	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	fill
Gsc Material Description:			
Stratum Description:	FILL,SILT,SAND, GRAVEL. BROWN,MAN-MADE,LOOSE, AGE POST-GLACIAL.		

Geology Stratum ID:	218425030	**Mat Consistency:**	Dense
Top Depth:	1.7	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	SILT,CLAY,SHALE. BROWN,DENSE,AGE GLACIAL. 0000000700030075000560 70 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218425029	**Mat Consistency:**	Dense
Top Depth:	.9	**Material Moisture:**	
Bottom Depth:	1.7	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	

Material 2:	Sand	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	SILT,SAND,CLAY. BROWN,DENSE,AGE GLACIAL.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: HAM.txt RecordID: 012810 NTS_Sheet: 30M05C		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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88 | ***1 of 2*** | ***NE/289.5*** | ***80.0 / 0.56*** | ***R.M. OF HALTON***
TORRANCE ST/LAKESHORE RD.
BURLINGTON CITY ON | ***CA***

Certificate #:	7-0544-97-
Application Year:	97
Issue Date:	7/2/1997
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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88 | ***2 of 2*** | ***NE/289.5*** | ***80.0 / 0.56*** | ***TRANSPORT TRUCK***
INTERSECTION AT LAKESHORE AND TORRANCE ROAD. TRANSPORT TRUCK (CARGO)
BURLINGTON CITY ON | ***SPL***

Ref No:	142250	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	6/18/1997	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CONTAINER LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	14101

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

Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	WORKS
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/18/1997	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	ERROR	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	A & A SIGN PAINTERS- 20-40 L TOLUENE & PAINT TO ROAD, CLEANUP ONGOING.		
Contaminant Qty:			

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89 *1 of 4* *ENE/297.7* *77.7 / -1.73* **SPL**

JEREL CONTRACTING
RAMBO CREEK BEHIND 2160 LAKESHORE RD.
BURLINGTON CITY ON L7R 1A7

Ref No:	24325	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	8/26/1989	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CAUSE (N.O.S.)	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	CONFIRMED	**Site Municipality:**	14101
Nature of Impact:	Other kill	**Site Lot:**	
Receiving Medium:	WATER	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	M.O.E. CITY & HALTON REG.
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	8/26/1989	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	INTENTIONAL/PLANNED	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	JEREL CONTRACTING - ILLEGAL DUMPING RESULTINGIN WATERFOWL KILL.		
Contaminant Qty:			

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89 *2 of 4* *ENE/297.7* *77.7 / -1.73* **SCT**

MORROW & ASSOCIATES
2160 LAKESHORE RD UNIT 108
BURLINGTON ON L7R 1A7

Established:	1987
Plant Size (ft²):	0
Employment:	3

--Details--

Description:	PERIODICALS: PUBLISHING, OR PUBLISHING AND PRINTING
SIC/NAICS Code:	2721
Description:	MISCELLANEOUS PUBLISHING
SIC/NAICS Code:	2741

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
89	3 of 4	ENE/297.7	77.7 / -1.73	GWL Realty Advisors Inc. 2160 Lakeshore Road Burlington ON M5E 1G4	ECA

Approval No: 2395-7A2L55
Approval Date: 2007-12-19
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Halton
Approval Type: ECA-AIR
Project Type: AIR
Address: 2160 Lakeshore Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3287-72JRGN-14.pdf

MOE District: Halton-Peel
City:
Longitude: -79.789215
Latitude: 43.327279999999995
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
89	4 of 4	ENE/297.7	77.7 / -1.73	2160 Lakeshore Road Burlington ON L7R 1A7	EHS

Order No: 20180925076
Status: C
Report Type: Standard Report
Report Date: 01-OCT-18
Date Received: 25-SEP-18
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.789555
Y: 43.3274

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
90	1 of 1	W/299.4	84.8 / 5.41	HALTON NON-PROFIT HOUSING CORPORATION 400 JOHN ST. BURLINGTON CITY ON L7R 2K4	CA

Certificate #: 8-3701-93-
Application Year: 93
Issue Date: 3/28/1994
Approval Type: Industrial air
Status: Approved in 1994
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: EMERGENCY DIESEL GENERATOR
Contaminants: Nitrogen Oxides
Emission Control: No Controls

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
91	1 of 1	WNW/299.5	84.8 / 5.41	1298092 ONTARIO INC., TALIA'S 441 ELIZABETH STREET BURLINGTON ON L7R 2L8	CA

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Description:		COMMERCIAL KITCHEN EXHAUST EQUIPMENT			
Contaminants:		Odour/Fumes			
Emission Control:		Panel Filter			

92	1 of 1	WSW/299.6	83.7 / 4.28	**NEW LUM'S RESTAURANT INC.** **358 BRANT STREET** **BURLINGTON ON L7R 2E8**	CA

Certificate #:	8-3193-98-
Application Year:	98
Issue Date:	6/22/1998
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	COMMERCIAL KITCHEN EXHAUST EQUIPMENT
Contaminants:	Odour/Fumes
Emission Control:	Panel Filter

Unplottable Summary

Total: 19 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	R.M. OF HALTON	BRANT ST/QUE INTERCHANGE	BURLINGTON CITY ON	
CA	BURLINGTON CITY	LAKESHORE RD.	BURLINGTON CITY ON	
CA	R.M. OF HALTON	LAKESHORE RD.	BURLINGTON CITY ON	
CA	The Corporation of the City of Burlington	From Lakeshore Road to New St	Burlington ON	
CA		Lakeshore Road	Burlington ON	
CA	JUMBO VIDEO	BRANT ST., BURLINGTON P.C.MALL	BURLINGTON CITY ON	
CA	REG.MUN.OF HALTON	ELIZABETH ST.	BURLINGTON ON	
CA	Suncor Energy Products Inc.		Burlington ON	
CA	The Regional Municipality of Halton	Lakeshore Road	Burlington ON	
CA		Brant St, Bluefields Dr, Meadowbrook Rd, Rolling Crt, Westminster Pl,Moss Glen Crt, City of Burlington	Burlington ON	
CA	BURLINGTON CITY	LAKESHORE RD.	BURLINGTON CITY ON	
CA	The Regional Municipality of Halton	From Lakeshore Road to New St	Burlington ON	
ECA	The Regional Municipality of Halton	Lakeshore Road	Burlington ON	L6M 3L1
ECA	The Regional Municipality of Halton	Lakeshore Road	Burlington ON	L6M 3L1
ECA	The Regional Municipality of Halton	Brant Street	Burlington ON	L6M 3L1
SPL	Suncor Energy Inc.		Burlington ON	
SPL	UNKNOWN	LAKE ONTARIO - OUTFALL AT END OF BRANT	BURLINGTON CITY ON	

		ST.	
SPL	To be determined<UNOFFICIAL>	cb and Old Lakeshore Rd<UNOFFICIAL>	Burlington ON
SPL	SANEXEN ENVIRONMENTAL SERVICES	TYANDAGA SUBSTATION BRANT STREET PCB DESTRUCTION UNIT	BURLINGTON CITY ON

Unplottable Report

Site: ***R.M. OF HALTON***
BRANT ST/QUE INTERCHANGE BURLINGTON CITY ON

Database: ***CA***

Certificate #:	7-1413-88-
Application Year:	88
Issue Date:	9/7/1988
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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

Database: ***CA***

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

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

Database: ***CA***

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

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

Database: ***CA***

Certificate #:	3187-88PGYP

Application Year: 2010
Issue Date: 9/2/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
Lakeshore Road Burlington ON

Database: ***CA***

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

Site: ***JUMBO VIDEO***
BRANT ST., BURLINGTON P.C.MALL BURLINGTON CITY ON

Database: ***CA***

Certificate #: 8-3278-97-
Application Year: 97
Issue Date: 7/24/1997
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: COMMERCIAL KITCHEN EXHAUST SYSTEM
Contaminants: Odour/Fumes
Emission Control: Panel Filter

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

Database: ***CA***

Certificate #: 3-0932-85-006
Application Year: 85
Issue Date: 9/19/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database: ***CA***

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

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

Database: ***CA***

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

Site:
Brant St, Bluefields Dr, Meadowbrook Rd, Rolling Crt, Westminster Pl,Moss Glen Crt, City of Burlington Burlington ON

Database: ***CA***

Certificate #: 4046-4KTQAN
Application Year: 00
Issue Date: 6/5/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Halton
Client Address: 1151 Bronte Road
Client City: Oakville
Client Postal Code: L6M 3L1
Project Description: Construction of Watermains on Brant St., Bluefields Dr., Meadowbrok Rd., Moss Glen Ct., Westminster Place and Rolling Court
Contaminants:
Emission Control:

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

Database: ***CA***

Certificate #: 3-0826-89-
Application Year: 89
Issue Date: 5/16/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:

Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database: ***CA***

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

Site: ***The Regional Municipality of Halton***
Lakeshore Road Burlington ON L6M 3L1

Database: ***ECA***

Approval No: 2782-64ZPQU
Approval Date: 2004-09-22
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Lakeshore Road
Full Address:
Full PDF Link:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***The Regional Municipality of Halton***
Lakeshore Road Burlington ON L6M 3L1

Database: ***ECA***

Approval No: 3366-56PGG2
Approval Date: 2002-01-28
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Address: Lakeshore Road
Full Address:
Full PDF Link:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***The Regional Municipality of Halton***
Brant Street Burlington ON L6M 3L1

Database: ***ECA***

Approval No: 2285-6S8P4V
Approval Date: 2006-08-02
Status: Approved
Record Type: ECA
MOE District:
City:
Longitude:
Latitude:

Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-Municipal Drinking Water Systems		
Project Type:	Municipal Drinking Water Systems		
Address:	Brant Street		
Full Address:			
Full PDF Link:			

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

Database: ***SPL***

Ref No:	1818-8GCHYZ	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/28/2011	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Transport Accident	***Sector Type:***	Tank Truck
Incident Event:		***Agency Involved:***	
Contaminant Code:	12	***Nearest Watercourse:***	
Contaminant Name:	GASOLINE	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Burlington
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/28/2011	***Site Map Datum:***	
Dt Document Closed:	5/19/2011	***SAC Action Class:***	Land Spills
Incident Reason:	Spill	***Source Type:***	
Site Name:	Corner of Appleby and Dundas<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SIMULATION: Suncor spill of 7000 L of gasoline to road/land		
Contaminant Qty:	7000 L		

Site: ***UNKNOWN***
LAKE ONTARIO - OUTFALL AT END OF BRANT ST. BURLINGTON CITY ON

Database: ***SPL***

Ref No:	31611	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	3/4/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	UNKNOWN	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	14101
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	WORKS
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/4/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	EST. 2 L DIESEL FUEL DUMPED TO STORM SEWER & LAKE ONTARIO.		
Contaminant Qty:			

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

Database: ***SPL***

Ref No:	0357-6Z6QP2	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Unknown	***Sector Type:***	Other Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Burlington
Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:	Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/10/2007	***Site Map Datum:***	
Dt Document Closed:	4/4/2007	***SAC Action Class:***	
Incident Reason:	Unknown - Reason not determined	***Source Type:***	
Site Name:	cb and Old Lakeshore Rd<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ukn src: sheen flowing down road and into cb.		
Contaminant Qty:	0 other - see incident description		

Site: ***SANEXEN ENVIRONMENTAL SERVICES***
TYANDAGA SUBSTATION BRANT STREET PCB DESTRUCTION UNIT BURLINGTON CITY ON

Database: ***SPL***

Ref No:	30633	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/6/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PROCESS UPSET	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	14101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	AIR	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	M.O.E.
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/6/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	COMBUSTION PROBLEMS	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SANEXEN M.D.U. HEATER MALFUNCTION-HEAVY BLACK SMOKE. *MEDIA*		
Contaminant Qty:			

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 2019

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

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

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

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-Jan 31, 2020

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 2018

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*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

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-Jan 31, 2020

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 2012 - Feb 2020

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-Nov 2019

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-Mar 31, 2020

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 - Sep 2019

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-Apr 30, 2020

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-Mar 31, 2020

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-Apr 30, 2020

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-Jan 31, 2020

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

List of locations of historical occurrences of emergency events, including 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. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

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. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Nov 2019

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-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

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-Jan 31, 2020

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 2017

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The 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, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

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*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

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: Feb 28, 2019

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-Jan 2020

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, 2018

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-Apr 2018

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 Canada Energy Regulator (CER) - previously 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 31, 2019

National Energy Board Wells: Federal NEBP

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-May 2017

Oil and Gas Wells: Private OGWE

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-Feb 29, 2020

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-Jun 2019

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-Mar 31, 2020

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, 2009-2014

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 - Apr 2020

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

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-Mar 31, 2020

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: 1986-2016

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-Mar 2020

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-Jan 31, 2020

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-Aug 2019

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-Dec 31, 2017

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-Aug 2018

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered 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.
Records are not verified for accuracy or completeness.

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: Oct 2011-Apr 30, 2020

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: Feb 28, 2019

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.'

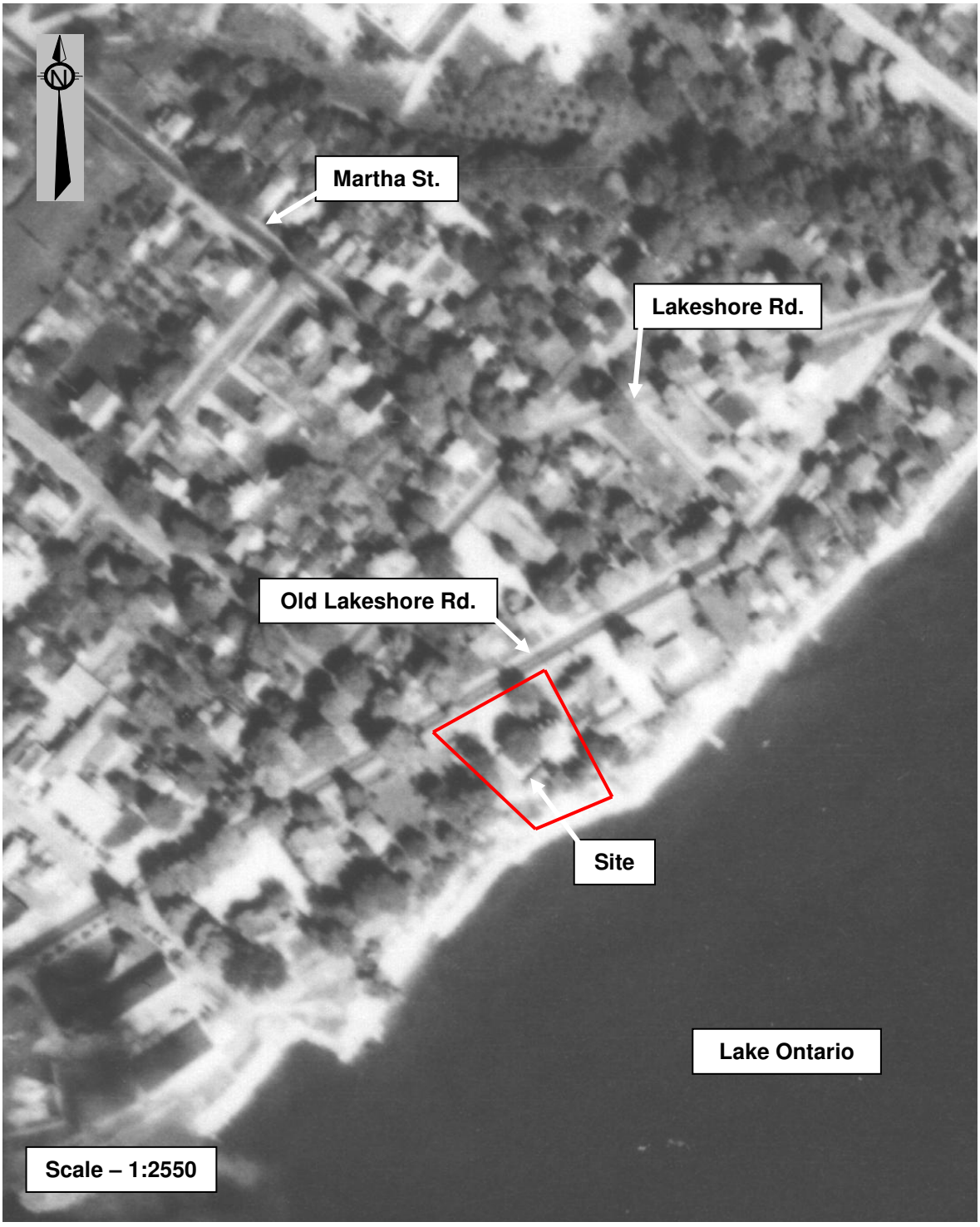
Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Appendix 'F'

1. 1954 Aerial Photograph;
2. 1960 Aerial Photograph;
3. 1978 Aerial Photograph;
4. 1988 Aerial Photograph;
5. 2004 Aerial Photograph;
6. 2011 Aerial Photograph, and;
7. 2018 Aerial Photograph.

Soil-Mat

Aerial Photo – 1954



Soil-Mat

Aerial Photo – 1960



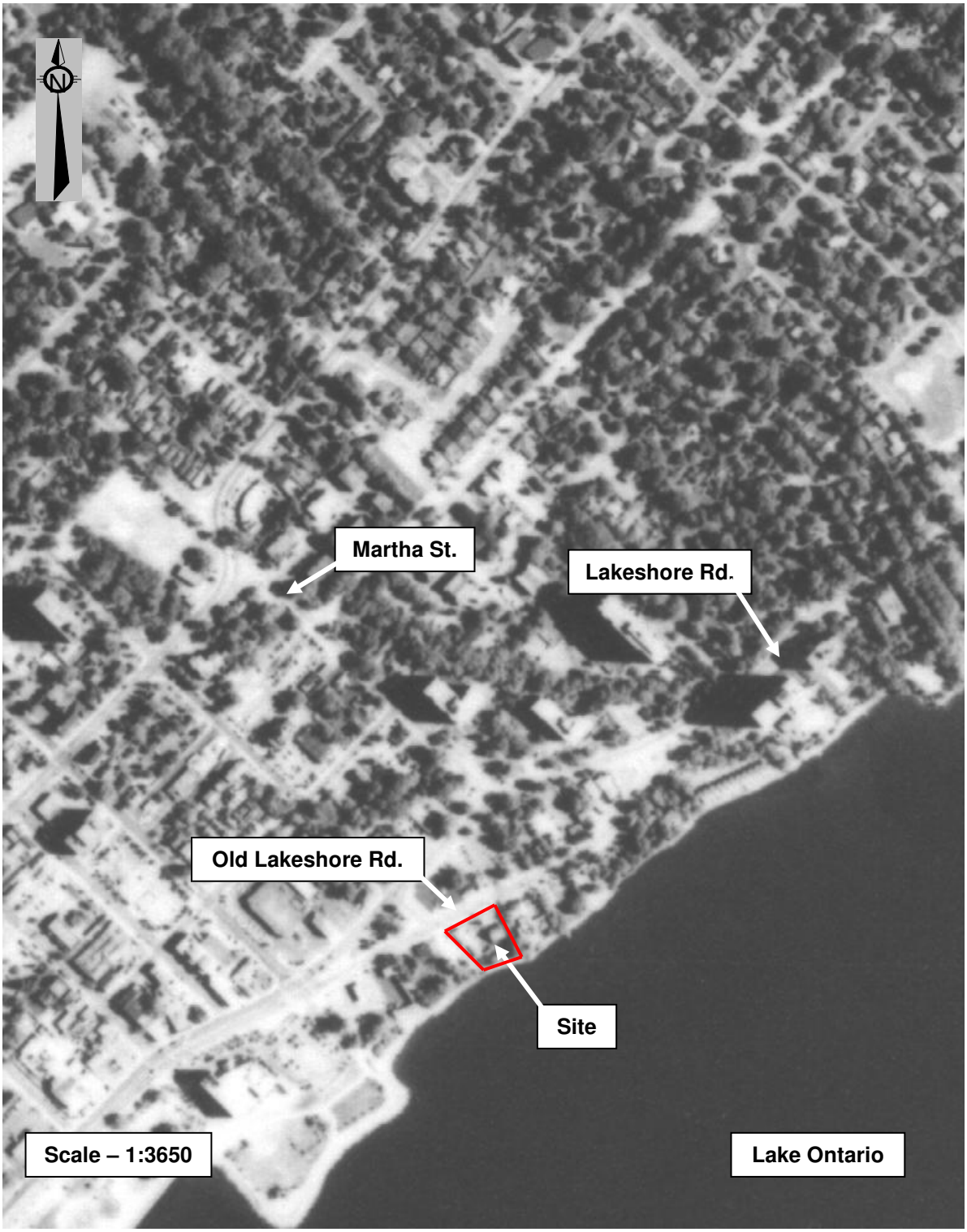
Soil-Mat

Aerial Photo – 1978



Soil-Mat

Aerial Photo – 1988



Soil-Mat

Aerial Photo – 2004



Soil-Mat

Aerial Photo – 2011



Soil-Mat

Aerial Photo – 2018



Appendix 'G'

1. 1909 Topographic Map;
2. 1938 Topographic Map;
3. 1968 Topographic Map, and;
4. 1999 Topographic Map.



LEGEND

★ = Site Location

NOTES:

1. This drawing should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 200216-E

2. Topographic Map of Ontario, Hamilton Sheet 33.

3. Base map provided by "Department of Militia and Defense, 1909".

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CLIENT

VRANCOR DEVELOPMENTS

PROJECT TITLE

Phase One Environmental Site Assessment
2076 Old Lakeshore Road
Burlington, Ontario

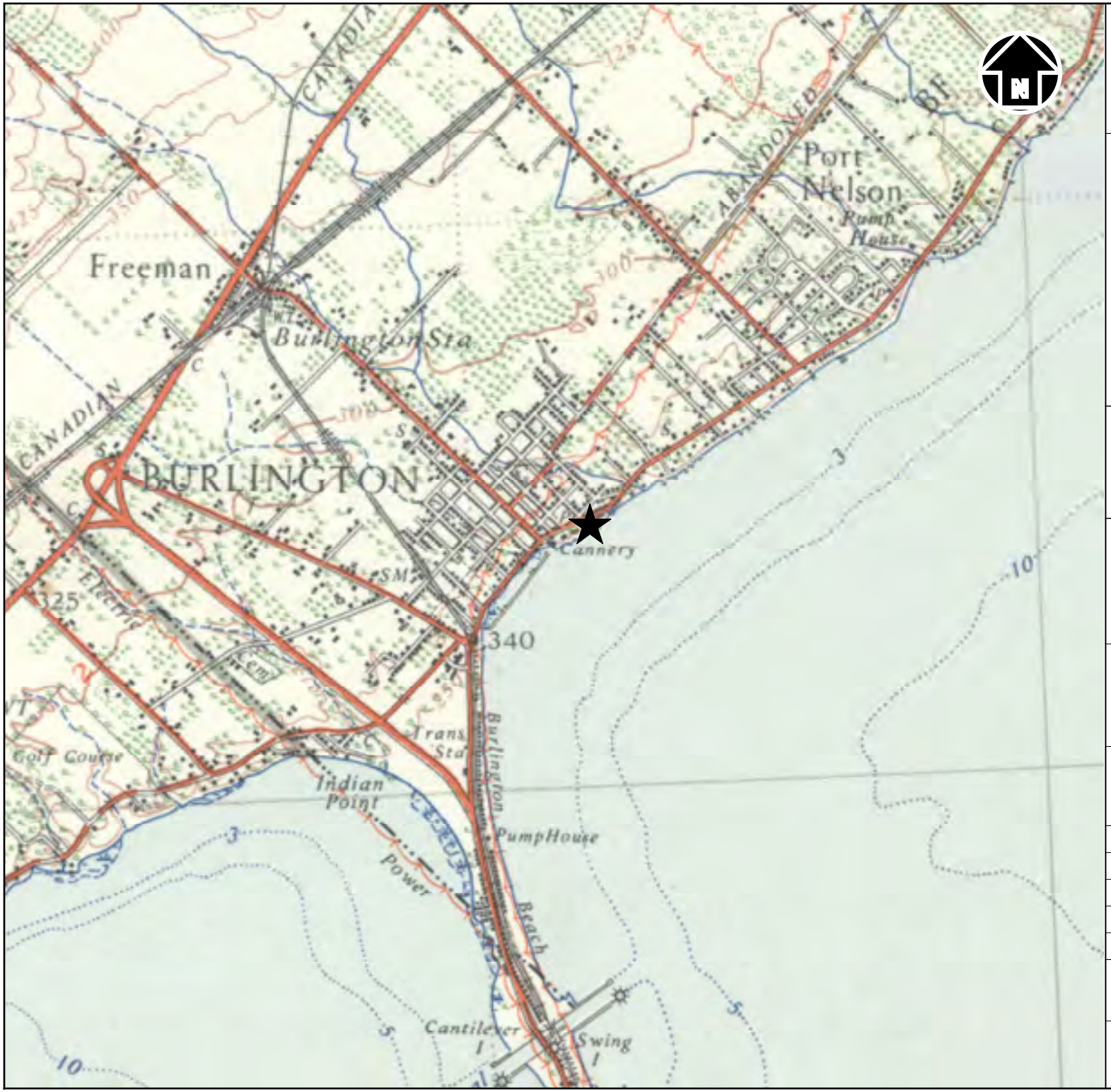
DRAWING TITLE

Topographic Map 1909

PROJECT No.	SM 200216-E
SCALE	1: 63,360
DATE	May 2020
CHECKED	SS
DRAWN	PM

FILE NAME
200216 Topo 1909.vsd

DRAWING No. 4A



LEGEND

★ = Site Location

NOTES:

1. This drawing should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 200216-E

2. Topographic Map of Ontario, Hamilton Sheet 30 M/5.

3. Base map provided by the "Geographical Section, General Staff; Department of National Defence, 1938".

Soil-Mat
Engineers & Consultants Ltd.

CLIENT

VRANCOR DEVELOPMENTS

PROJECT TITLE

Phase One Environmental Site Assessment
2076 Old Lakeshore Road
Burlington, Ontario

DRAWING TITLE

Topographic Map 1938

PROJECT No.	SM 200216-E
SCALE	1: 63,360
DATE	May 2020
CHECKED	SS
DRAWN	PM

FILE NAME

200216 Topo 1938.vsd

DRAWING No. 4B



LEGEND

★ = Site Location

NOTES:

1. This drawing should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 200216-E

2. Topographic Map of Ontario, Hamilton Sheet 30 M/5 W, Edition 5.

3. Base map provided by the "Mapping and Charting Establishment, Department of National Defence, 1968".

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VRANCOR DEVELOPMENTS

PROJECT TITLE

Phase One Environmental Site Assessment
2076 Old Lakeshore Road
Burlington, Ontario

DRAWING TITLE

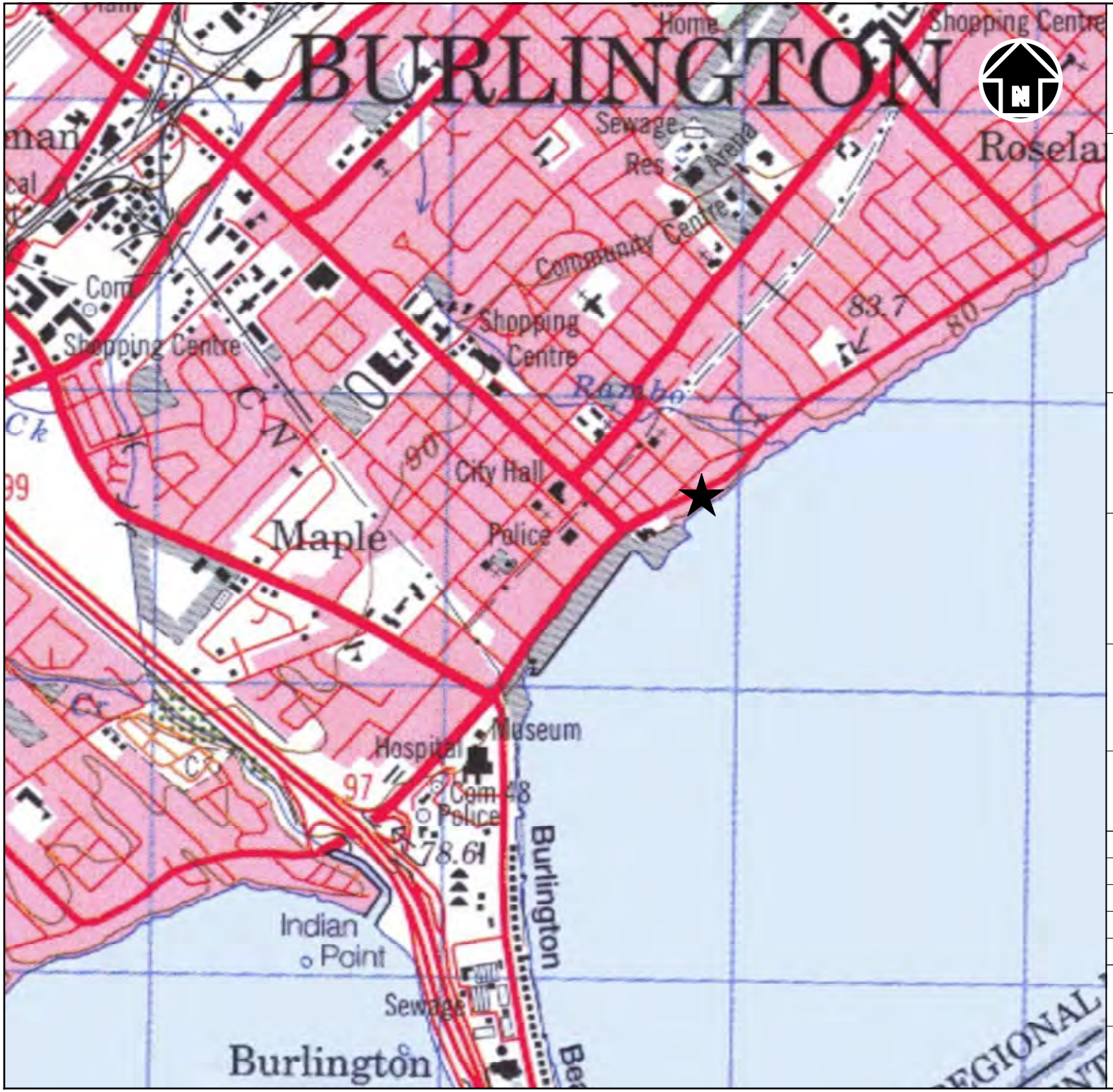
Topographic Map 1968

PROJECT No.	SM 200216-E
SCALE	1: 50,000
DATE	May 2020
CHECKED	SS
DRAWN	PM

FILE NAME

200216 Topo 1968.vsd

DRAWING No. 4C



LEGEND

★ = Site Location

NOTES:

1. This drawing should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 200216-E

2. Topographic Map of Ontario, Hamilton - Burlington Sheet 30 M/5, Edition 10.

3. Base map provided by "©1999, Her Majesty The Queen in Right of Canada".

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VRANCOR DEVELOPMENTS

PROJECT TITLE

Phase One Environmental Site Assessment
2076 Old Lakeshore Road
Burlington, Ontario

DRAWING TITLE

Topographic Map 1999

PROJECT No.	SM 200216-E
SCALE	1: 50,000
DATE	May 2020
CHECKED	SS
DRAWN	PM

FILE NAME

200216 Topo 1999.vsd

DRAWING No. 4D

Appendix 'H'

1. Qualifications of Assessor

COMPANY BACKGROUND

SOIL-MAT ENGINEERS & CONSULTANTS LTD. [SOIL-MAT ENGINEERS] is a Canadian Consulting Engineering firm owned by its senior staff. Over the past thirty years the principals of SOIL-MAT ENGINEERS have undertaken geotechnical investigations in all areas of Hamilton and surrounding area and are familiar with the distinct geology of the area and therefore well-versed with the various soil, bedrock and groundwater conditions. SOIL-MAT ENGINEERS has a staff of over twenty-five engineers and technical staff who specialize in geotechnical assignments, environmental assessments, hydrogeological investigations and construction quality control/assurance projects. The company commenced operation on June 15, 1992 and has undertaken over 5,000 projects since its inception. The firm and all professional staff are in good standing with Professional Engineers Ontario. The company has maintained a current Certificate of Authorisation since it was granted on April 28, 1992. The firm's office and laboratory facilities are located at 130 Lancing Drive in Hamilton, Ontario.

REPORT AUTHORS

Peter Markesic, B.Sc.
Project Manager

Mr. Markesic has over ten years of experience in conducting Phase I ESA research and Phase II ESA fieldwork, including soil and groundwater sampling. Mr. Markesic has also been a key project member on a number of Phase III Environmental Site Assessment projects, including the decommissioning of underground fuel storage tanks and both in-situ and ex-situ remediation projects.

Stephen R. Sears, B. Eng. Mgmt., P. Eng.
[Director/ Senior Professional]

Mr. Sears has over twenty-two years of experience in the geotechnical and geo-environmental fields. Mr. Sears holds current Consulting Engineer designations with the Professional Engineers Ontario and the Association of Professional Engineers and Geoscientists of Saskatchewan and has supervised the geotechnical investigations for numerous industrial, commercial and residential development projects in Southern Ontario, slope stability assignments associated with Hamilton Conservation Authority, Conservation Halton and Niagara Peninsula Conservation Authority requirements, and several high rise developments throughout Ontario. Mr. Sears has also been involved in geotechnical and hydrogeological investigations for industrial park developments in the Greater Toronto Area and Niagara Peninsula. Some of Mr. Sears' projects have included the decommissioning and reconstruction of underground and above ground fuel oil storage tanks in Ontario and Saskatchewan, the study of the containment structures at a number of Petroleum Storage Facilities in Ontario and and numerous 'dig and dump' remediation projects.

Keith Gleadall, B.A., EA Dipl.

Vice-President [Senior Professional]

Mr. Gleadall has over fourteen years of experience in conducting Phase I, II and III Environmental Site Assessments and has successfully completed the requirements of the Associated Environmental Site Assessors of Canada and a Post Graduate Diploma in Environmental Site Assessment from Niagara College. Mr. Gleadall is responsible for undertaking numerous hydrogeological investigations, primarily within the City of Hamilton, associated with the development of residential and commercial subdivision projects, together with Phase I, II and III Environmental Site Assessments. Projects have included the decommissioning of underground and above ground fuel oil storage tanks, the implementation of in-situ and ex-situ remediation programmes, the decommissioning of a former dry cleaning facility and numerous 'dig and dump' remediation projects.