PROJECT NO. 6573

REPORT TO

THE ROSSEAU GROUP

ON

PHASE I ENVIRONMENTAL SITE ASSESSMENT

2411, 2421, 2433 NEW STREET
BURLINGTON, ONTARIO

CONDUCTED BY:

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EXECUTIVE SUMMARY

S2S Environmental Inc. (S2S) was retained by The Rosseau Group (Client) to conduct a Phase I Environmental Site Assessment (ESA) on the properties municipally addressed as 2411, 2421 and 2433 New Street in Burlington, Ontario (Subject Property). For the purposes of this report, we have referenced New Street adjacent to the south of the Subject property, to be generally oriented in an east-west direction.

At the time of the site reconnaissance, the Subject Property consisted of three single-storey commercial buildings (Buildings A to C) and one six-storey residential condominium building (Building D) (collectively, the Subject Buildings). Buildings A, B and C were located on the central, northeast and southeast portions of the Subject Property, and were reportedly constructed in approximately the early 1970s; while Building D was located on the west portion of the Subject Property was reportedly constructed in approximately 1965. Vehicular access to the Subject Property was from six asphalt paved driveways off New Street, located on the south side of the Subject Property. Asphalt paved surface parking and driveway areas were located on the north, east, south and west sides of Buildings A and B, and on the north, east and west sides of Buildings C and D. Landscaped areas were present on the south sides of Buildings A, C and D, on the north, east, south and west sides of the Subject Property and between Buildings A and D on the west portion of the Subject Property. The total floor area of the Subject Buildings was reportedly approximately 7,430 m^2 (79,976 ft^2), and the Phase One Property had a total area of approximately 1.1 hectares (2.7 acres). The Subject Property was reportedly owned and managed by 2022798 Ontario Inc. (2421 and 2433 New Street) and individual owners within Halton Condominium Corporation No. 324 (2411 New Street).

Based on information gathered and observations made to-date, the Phase I ESA has revealed the following actual and potential environmental concerns at the Subject Property:

- A previous environmental investigation completed at the Subject Property by Terraprobe Inc. (Terraprobe) in 2011 found concentrations of tetrachloroethylene (PCE) in groundwater above the current applicable Ontario Ministry of the Environment and Climate Change (MOECC) Table 3 Standards and concentrations of trichloroethylene (TCE) in groundwater at the current applicable MOECC Table 3 Standards. These contaminant impacts were suspected of originating from a dry cleaning facility (Parker's Cleaners) which occupied the neighbouring property (480 Guelph Line), approximately 40 m northeast of the Subject Property, from approximately the late 1950s to the present;

- A suspect historical dry cleaning facility (Deluxe Cleaners) reportedly occupied Building A on the Subject Property in approximately 1973. It was unknown if this dry cleaning facility performed dry cleaning operations on the Subject Property;

- An automobile service garage occupied the neighbouring property (490 Guelph Line), approximately 70 m northeast of the Subject Property, from approximately the late

1950s to the present;

- According to the MOECC Hazardous Waste Information Network (HWIN) (December, 2016) list, an adjacent property (466 Guelph Line) to the east of the Subject Property was listed as a generator of halogenated solvents (waste class 241 L);

- Various Retail Fuel Outlets (RFOs) (including Petro Canada, BP Oil, Roseland Supertest and Lakeshore Motors) occupied the adjacent property (currently 458 Guelph Line and historically including 2439 New Street) to the east of the Subject Property from approximately the early 1950s to the present;

- According to a 1971 Fire Insurance Plan (FIP), an historical automobile service garage occupied the neighbouring property (2440 New Street), located approximately 40 m southeast (across New Street) of the Subject Property, at that time; and

- At the time of the site visits, vent and fill pipes potentially associated with an Underground Storage Tank (UST) were observed outside the exterior northeast corner of the building located at 2418 New Street, approximately 40 m south (across New Street) of the Subject Property.

Based on the above noted actual and potential environmental concerns, environmental contaminant impacts to the Subject Property have been confirmed through a previous environmental investigation at the Subject Property, and there is the potential for additional environmental contaminant impact to the Subject Property from potential environmental concerns which were not investigated by this previous environmental investigation.

A Phase II ESA was completed to further assess the quality of the soils and groundwater in accordance with the current applicable MOECC Standards. The findings of the Phase II ESA will be submitted under a separate cover. It should be noted that the ground surface at the Subject Property and surrounding properties was partially snow covered and therefore some areas and features could not be completely assessed.

A reply has not yet been received from Halton Region for the request of information regarding the Subject Property at the time of issuance of this report. Should further information be received which alters the conclusions of this report, an addendum will be forwarded to the Client.

The statements made in this Executive Summary text are subject to the same limitations included in the Closure Section 9.0, and are to be read in conjunction with the remainder of this report.

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1.0 INTRODUCTION

S2S Environmental Inc. (S2S) was retained by The Rosseau Group (Client) to conduct a Phase I Environmental Site Assessment (ESA) on the properties municipally addressed as 2411, 2421 and 2433 New Street in Burlington, Ontario (Subject Property). For the purposes of this report, we have referenced New Street adjacent to the south of the Subject property, to be generally oriented in an east-west direction.

A site location map, aerial photograph and a site plan are included in Appendix A of this report as Drawing Nos. 1 to 3, respectively. At the time of the site reconnaissance, the Subject Property consisted of three single-storey commercial buildings (Buildings A to C) and one six-storey residential condominium building (Building D) (collectively, the Subject Buildings). Buildings A, B and C were located on the central, northeast and southeast portions of the Subject Property, and were reportedly constructed in approximately the early 1970s; while Building D was located on the west portion of the Subject Property was reportedly constructed in approximately 1965. A tenant list for the commercial tenants has been included as Appendix B. Vehicular access to the Subject Property was from six asphalt paved driveways off New Street, located on the south side of the Subject Property. Asphalt paved surface parking and driveway areas were located on the north, east, south and west sides of Buildings A and B, and on the north, east and west sides of Buildings C and D. Landscaped areas were present on the south sides of Buildings A, C and D, on the north, east, south and west sides of the Subject Property and between Buildings A and D on the west portion of the Subject Property. The total floor area of the Subject Buildings was reportedly approximately 7,430 m^2 (79,976 ft^2), and the Phase One Property had a total area of approximately 1.1 hectares (2.7 acres). The Subject Property was reportedly owned and managed by 2022798 Ontario Inc. (2421 and 2433 New Street) and individual owners within Halton Condominium Corporation No. 324 (2411 New Street).

We understand that this Phase I ESA was requested by the Client for mortgage financing purposes only, and that the Client will rely upon the contents of this report for their purposes in that regard.

The purpose of the Phase I ESA was to identify any potential or actual environmental contamination associated with the Subject Property which exists as a result of current or past activities.

2.0 SCOPE AND METHODOLOGY

2.1 Scope of Work

The Phase I ESA carried out by S2S on this Subject Property was generally based on the requirements of the Canadian Standards Association (CSA) Phase I Environmental Site Assessment document, Z768-01 (R2012), November 2001, reaffirmed in 2012 (CSA Standard). This Phase I ESA has not been completed in accordance with the requirements of the Ontario Regulation (O. Reg.) 153/04 (including amendments up to O. Reg. 333/13) –

Records of Site Condition (RSC), and therefore cannot be used for the purposes of filing a RSC in the Environmental Site Registry maintained by the Ontario Ministry of the Environment and Climate Change (MOECC).

The Phase I ESA consisted of the following:

- Records review including readily available city directories and fire insurance plans (FIPs) from the Toronto Reference Library, selected aerial photographs, previous environmental reports (if made available to S2S), available regulatory publications and databases (as discussed in Section 5.2), and selected topographic and geological maps;
- Review of an RSC EcoLog Environmental Risk Information Services (ERIS) Report covering the Subject Property and surrounding 250 m radius;
- Contact with selected regulatory officials and personnel associated with the Subject Property;
- A site visit; and
- Evaluation of information and preparation of the report provided herein.

A CSA Standard Phase I ESA does not include sampling or testing of air, soil, groundwater, surface water or building materials. For this Phase I ESA, no enhancements were made to the CSA Standard; a review of title information or assessment rolls was not conducted since these documents were not made available to S2S by the Client/site contact. Furthermore, a title or assessment roll search was not performed since other mandatory records (as defined by the above noted CSA Standard) were available for review.

The assessment of the Subject Property for the potential presence of hazardous building materials was based on the age of the Subject Buildings and its components, and a non-intrusive visual review of the Subject Property. No sampling of materials was conducted. A Phase I ESA does not constitute a hazardous materials survey or Designated Substances Survey.

The professional qualifications of the project team are provided in Appendix C.

2.2 Methodology

2.2.1 Records Review

The applicable search distance for the records review included properties immediately adjacent to the Subject Property and other properties (as identified by city directories, aerial photographs and the site visit, up to a maximum of approximately 250 m radius of the Subject Property) where the potential for environmental contamination to impact the Subject Property was apparent (e.g. petroleum products storage in the immediate area of the Subject Property). The EcoLog ERIS report covered a search distance of approximately 250 m from the property boundaries of the Subject Property.

S2S requested the Client to provide all available information for the Subject Property. Company records provided by the Client consisted of the following documents and were used as sources of background information:

- "Phase 1 Environmental Site Assessment, 2411 New Street, Burlington, Ontario", prepared for Megna Real Estate and Insurance Ltd., prepared by Frontier Engineering (Frontier), dated July 19, 1996 (hereinafter referred to as the '1996 Frontier Phase I ESA' report); and
- "Results of Soil and Groundwater Sampling, 2421 New Street, Burlington" letter report, prepared for Mr. Seong-Woo Shin, prepared by Terraprobe Inc. (Terraprobe), dated August 31, 2011 (hereinafter referred to as the "2011 Terraprobe Soil and Groundwater Sampling" report).

A list of pertinent records reviewed is included in Appendix D.

2.2.2 Interviews

Interviews were carried out to obtain or confirm information on the environmental characteristics of this property. A summary of interviewees and contact information is presented in Appendix D.

2.2.3 Site Visit

The Phase I ESA site visits were completed by Mr. Kevin Bailey and Mr. Ryan Wills of S2S on December 16, 2016 and by Mr. Wills on January 4, 2017. The weather was partly cloudy and the ambient temperature was approximately -6°C on December 16, 2016 and partly cloudy and the ambient temperature was approximately -4°C on January 4, 2017. The S2S representatives were accompanied by Mr. Steve Shin (Property Owner) of 2022798 Ontario Inc. during part of the site visit. S2S was permitted to access all the interior areas of Buildings A, B and C at the time of the site visit. It should be noted that S2S was not provided access to Building D at the time of the site visits because permission was not given by the condominium board. All the exterior areas of the Subject Property were accessible to S2S for inspection; however, it should be noted that the exterior areas were partially covered with snow at the time of the site visit, and therefore, some areas/features could not be completely assessed.

The Subject Property and readily visible and publicly accessible portions of the immediate adjacent and neighbouring properties were examined for the presence of potential or actual environmental contamination.

3.0 REGULATORY FRAMEWORK

Applicable federal and provincial regulations and applicable municipal bylaws were reviewed to identify and assess potential or actual environmental contamination at the site and to develop appropriate recommendations. It should be noted, however, that this

assessment did not include a review or audit of operational environmental compliance and health and safety issues, zoning/property ownership issues, easements or encumbrances, or of any environmental management systems (EMS), which may exist for the property.

In Ontario, the roles and powers of the MOECC when dealing with contaminated sites are outlined primarily in the Environmental Protection Act (R.S.O. 1990). The MOECC has a mandate to address conditions where there is an adverse effect, or the likelihood of an adverse effect, associated with the presence or discharge of a contaminant. O. Reg. 153/04 (includes amendments up to O. Reg. 333/13) - Records of Site Condition, provides advice and information to property owners and consultants to use when assessing the environmental condition of a property, when determining whether or not restoration is required and in determining the kind of restoration needed to allow continued use or reuse of the property. The regulation includes generic numerical standards for soil and groundwater quality for specific land and groundwater uses. A Phase I ESA is an initial step in the site assessment process, which may lead to the requirement for restoration work if actual or potential sources of environmental contamination are identified.

A Phase I ESA also involves a review of Subject Buildings (if present) for the potential presence of hazardous materials related to building components and materials. Specific federal or provincial regulations exist for these individual hazardous materials. Where required, the applicable regulation was utilized to determine appropriate conclusions and formulate appropriate recommendations.

4.0 SITE DESCRIPTION

4.1 Subject Property and On-Site Building Information

The Subject Property was located on the north side of New Street, approximately 80 m west of the intersection of New Street and Guelph Line. A summary of pertinent information on the Subject Property and Subject Building is presented below in Table 1. An aerial photograph and site plan showing the Subject Building and neighbouring land uses are provided as Drawing Nos. 2 and 3, respectively in Appendix A.

Selected photographs of the Subject Property are included in Appendix E.

Table 1 - Summary of Subject Property and Subject Building Information

Subject Property	
Legal Description	Property Identification Numbers (PINs): 070680255, 070680208, 256250025
Max Length, Max Width	Approximately 120 m, 90 m

Subject Property	
Area	Approximately 1.1 hectares (2.7 acres)
Services: Sewer, Water, Natural Gas, Electricity	Municipal (for sewers and water), Union Gas (for natural gas), Burlington Hydro (for electricity)
Subject Building	
Construction Date	**Buildings A, B and C:** Approximately the early 1970s **Building D:** Approximately 1965
Total Floor Area	**Building A:** 1,050 m^2 **Building B**: 250 m^2 **Building C**: 130 m^2 **Building D**: 6,000 m^2
Number of Storeys	**Buildings** A, B and C: One **Building** D: Six
Foundation Walls	Concrete
Basement	Building A: Partial basement
Roof	**Building A:** Thermoplastic **Building B:** Built up roof (BUR) with asphalt and pea gravel ballast **Building C:** Pitched Asphalt Shingles **Building D:** Assumed BUR with asphalt and pea gravel ballast
Heating, Ventilation and Air-Conditioning (HVAC)	**Buildings A and B:** Natural gas-fired rooftop HVAC units **Building C:** Natural gas-fired concrete pad mounted HVAC unit **Building D:** Unknown

4.2 Soil, Topography and Drainage

The Subject Building occupied approximately 20% of the Subject Property.

The native surficial soils in the vicinity of the Subject Property, based on available surficial geology maps, were reportedly predominantly sand and gravel with minor silt and clay. According to the 2011 Terraprobe Soil and Groundwater Sampling report, the stratigraphy encountered at the Subject Property consisted of:

- Asphalt from ground surface (0.0 m) to approximately 0.075 m below grade surface (bgs);
- Fill materials consisting of silty sand with trace gravel from approximately 0.075 m bgs to approximately 1.5 m bgs;
- Silty sand from approximately 1.5 m bgs to approximately 5.3 m bgs; and
- Inferred bedrock consisting of weather shale from approximately 5.3 m bgs to the final extent of the borehole at approximately 7.3 m bgs.

The shallow horizontal groundwater flow direction in the area, based on apparent topography, was likely south towards Lake Ontario, located approximately 900 m south of the Subject Property. It should be noted that the direction of the shallow groundwater flow in limited areas can also be influenced by the presence of underground utility corridors and is not necessarily a reflection of regional or local groundwater flow or a replica of the Subject Property or area topography. According to the 2011 Terraprobe Soil and Groundwater Sampling report, the depth of groundwater below the top of the well elevations on June 17, 2011 was reported to be 2.30 m in 2421 S and 2.46 m in 2421 D. A site-specific determination of groundwater flow would be required to obtain groundwater flow direction information for the Subject Property.

Although the Subject Property was partially covered with snow, the ground surface at the Subject Property was visually noted to be generally flat and surface water at the Subject Property was assumed to infiltrate into the on-site landscaped areas; or drain towards the catch basins located on-site, which reportedly discharged to the municipal storm sewer system. It should be noted that the adjacent/neighbouring properties to the north, east, south (across New Street), and west of the Subject Property visually appeared to be generally at the same elevation as the Subject Property.

Two monitoring wells associated with the 2011 Terraprobe Soil and Groundwater Sampling reports were observed on the central portion of the Subject Property, while one monitoring well associated with an unknown environmental investigation was observed on the east portion of the Subject Property. At the time of the site visit, there was no obvious visual evidence of stressed vegetation (potentially associated with environmental contaminant impact), pits, potable water wells, standing water, lagoons or watercourses observed on the Subject Property; however, the exterior areas were partially covered with snow at the time of the site visit.

5.0 REVIEW OF HISTORICAL LAND USE AND REGULATORY HISTORY

Historical information describing the Subject Property was obtained from a variety of sources as detailed in Appendix D of this report.

5.1 Historical Land Use – Subject Property

A list of historical land uses for the Subject Property is provided in Table 2 below.

Table 2 - Historical Information for the Subject Property

Period/Date	Land Use	Sources of Information
Prior to approximately early 1940s	Undeveloped/Agricultural Purposes	City Directories, Aerial Photographs, Previous Phase I ESA Report, Interviews

Period/Date	Land Use	Sources of Information
From approximately the 1940s to approximately 1965	Single-Family Residential Dwellings	City Directories, Aerial Photographs, Previous Phase I ESA Report, Interviews
From approximately 1965 to the early 1970s	Multi-Tenant Residential Apartment	City Directories, Aerial Photographs, Previous Phase I ESA Report, Property Underwriters Report, Interviews
From approximately the early 1970s to the present	Multi-tenant Residential Apartment, Restaurant (including Red Barn and Easterbrook's Too) and Commercial Plaza (including Deluxe Cleaners, Bay Cities Animal Hospital, Six Penny Mini Mart, Bibles for Missions Thrift Store)	City Directories, Aerial Photographs, Previous Phase I ESA Report, FIPs, Property Underwriters Reports, Geowarehouse Database, Site Visit, Interviews

The earliest record available for the Subject Property was an aerial photograph from 1931, which indicated that the Subject Property was undeveloped or used for agricultural purposes at that time. According to an aerial photograph from 1961, the Subject Property was developed with single family residential dwellings at that time. According to a Property Underwriters Report (PUR) dated 1965, Building D was developed with an apartment building at that time. According to an FIP dated September, 1971, the Subject Property was developed with Buildings A, C and D at that time. An aerial photograph from 1974 indicated that the Subject Property visually appeared to be developed with the current Subject Buildings at that time. Based on the available information the Subject Property was used for multi-tenant residential and multi-tenant commercial purposes from approximately the early 1970s to the present.

According to the available PURs, the Subject Property utilized natural gas-fueled heating methods (including hot water heating boilers, and rooftop HVAC units) since at least 1965. At the time of the site visit, no obvious visual evidence of fuel storage in underground storage tanks (USTs) or aboveground storage tanks (ASTs) was identified to be present on the Subject Property at the time of the site visit. Furthermore, no obvious visual evidence of vent or fill pipes indicating the potential presence of abandoned or decommissioned USTs/ASTs were observed on the Subject Property. Additionally, no USTs were identified on the Subject Property on the September 1971 FIP. Based on the available information to-date and the site observations, the likelihood of current significant adverse environmental contaminant impact to the Subject Property from the historical storage and usage of fuel oil in USTs/ASTs appears low.

According to the available City Directories, a suspect dry cleaning facility (reportedly listed as Deluxe Cleaner) occupied Building A at the Subject Property in approximately 1973. It was unknown if dry cleaning operations were performed at this suspect dry cleaning facility. Based on the available information, there is the potential for environmental contaminant impact to the Subject Property from this suspect dry cleaning facility.

At the time of the site visits, a laundromat which advertised dry cleaning services occupied a tenant unit within Building A. Based on our visual observations and discussions with Mr. Shin, this laundromat was a dry cleaning drop off depot only and no dry cleaning operations were performed on site. Additionally, this laundromat was not listed on the MOECC Hazardous Waste Information Network (HWIN) (December, 2016) or MOECC Hazardous Waste Information Systems (HWIS) (1986 to 2014) lists as a generator of halogenated solvents. Based on the available information to-date, the likelihood of current significant adverse environmental contaminant impact to the Subject Property from dry cleaning operations at this laundromat appears low.

Terraprobe was reportedly retained to perform a subsurface sampling investigation at the Subject Property by the property owner for the neighbouring property located at 480 Guelph Line. It was assumed that this investigation was completed to delineate known or suspected environmental impacts caused by a dry cleaning facility at the neighouring property located at 480 Guelph Line. According to the 2011 Terraprobe Soil and Groundwater Sampling report, Terraprobe drilled one borehole (installed with two nested groundwater monitoring wells) in the central portion of the parking area of the Subject Property (property municipally addressed as 2421 New Street). These wells were reportedly installed to measure groundwater levels and obtain groundwater samples for environmental purposes. The two monitoring wells were installed at depths ranging between 4.6 m below grade surface (bgs) (2421 S) and 7.3 m bgs (2421 D). The depth of groundwater below the top of the well elevations on June 17, 2011 was reported to be 2.3 m in 2421 S and 2.46 m in 2421 D. Terraprobe reported that the groundwater flow direction was likely to the southeast (south based on the reference north).

One soil sample was collected from approximately 2.7 m bgs and was submitted for laboratory analysis of volatile organic compounds (VOCs). Two groundwater samples (one from each well) were collected and submitted for laboratory analysis of VOCs. Terraprobe determined that the appropriate site condition standard for the Phase One Property was the *Soil, Ground Water and Sediment Standards* for Use Under Part XV.1 of the Environmental Protection Act, Table 3 Full Depth Generic Site Condition Standards In a Non-Potable Groundwater Condition (for industrial/commercial/community property use and coarse textured soils (Table 3 Standards). According to the laboratory analytical test results, the concentrations of VOCs in the submitted soil sample were found to be below the laboratory method detection limit (MDL) and the Table 3 Standards for all of the analyzed chemical parameters. Furthermore, according to the laboratory analytical test results for the submitted groundwater samples, concentrations of tetrachloroethylene (PCE) in 2421 D were above the Table 3 MOECC Standard (11 µg/L vs. 1.6 µg/L Standard). Additionally, trichloroethylene (TCE) was detected at the Standard in 2421 D (1.6 µg/L Standard) and slightly below the Standard in 2421 S (0.93 µg/L vs. 1.6 µg/L Standard), while toluene was detected at levels well below the Table 3 Standards (0.47 µg/L in 2421 S and 0.44 µg/L in 2421 D vs. 18,000 µg/L Standard). Concentrations of all the remaining analyzed chemical parameters were below the laboratory MDL and the Table 3 Standard. Based on the above-mentioned information, environmental contaminant impacts to the Subject Property were confirmed as part of this investigation.

Based on available information to-date and site observations, environmental contaminant impact to the Subject Property has been confirmed. It is recommended that a Phase II ESA be completed at the Subject Property to confirm and delineate these known impacts.

5.2 Selected Regulatory History

Appropriate selected regulatory agencies at the provincial (MOECC and Technical Standards & Safety Authority – TSSA) level were contacted (via the Freedom of Information process) to determine if there had been any reported incidents for the Subject Property (see Appendix D for sources contacted). Information that was requested included:

i). environmental permits;
ii). past or pending environmental control orders, charges, convictions or complaints;
iii). outstanding environmental regulatory non-compliance issues;
iv). reported spills filed under Spills Action Centre (SAC) (it should be noted that the SAC database starts from 1988 and many spills registered on file were reported voluntarily); and
v). any other pertinent information they may provide with respect to environmental search requests.

Technical Standards & Safety Authority

Correspondence with the TSSA on December 8, 2016, indicated that there were no records on file (from 1990 to present) indicating any historical or present aboveground (for private retail fuel outlets) or underground fuel oil storage tanks at the Subject Property or on the following adjacent and neighbouring properties:

- 2393, 2400, 2418, 2424 and 2440 New Street, Burlington;
- 466 Guelph Line, Burlington;
- 463 and 473 Beverly Drive, Burlington; and
- 478, 482 and 479 Karen Drive, Burlington.

However, the property located at 458 Guelph Line in Burlington had records of three active USTs. At the time of the site reconnaissance, this property was occupied by a Petro-Canada Retail Fuel Outlet (RFO). S2S obtained a TSSA report for the above noted RFO. According to information reported within this TSSA report, three 50,000 L gasoline and diesel double wall fiberglass USTs were installed on this adjacent property in 2002. This RFO was reportedly redeveloped with an updated RFO in approximately 2001. As part of these redevelopment activities, the former pump islands, USTs and associated equipment were removed and new equipment was reportedly installed. In support of this redevelopment, Jacques Whitford Environment Limited (JWEL) reportedly completed an environmental investigation and documented their findings in a report entitled "Environmental Subsurface Investigation, 458 Guelph Line North (at New Street), Burlington, Ontario", prepared for Petro-Canada, prepared by JWEL, dated November 21, 2001. According to this report,

eleven boreholes (with five completed with groundwater monitoring wells) were drilled on this adjacent property to a maximum depth of approximately 6.1 m bgs. Soil samples were collected and submitted for laboratory analysis of total petroleum hydrocarbon (TPH) parameters and benzene, toluene, ethylbenzene and xylene (BTEX), and groundwater samples were collected and submitted for laboratory analysis of BTEX. According to the findings of this investigation, free phase petroleum products were identified in one borehole, and concentrations of PHCs and BTEX parameters exceeded the then applicable Standards in several of the submitted soil samples, and concentrations of xylenes exceeded the then applicable Standards in one of the submitted groundwater samples. According to information within the TSSA report, remediation activities were planned for this adjacent property; however, no remediation reports were documented in the TSSA report for S2S to review. Based on the above mentioned information, there is the potential for environmental contaminant impact to the Subject Property from the adjacent RFO.

It should be noted that the Fuels Safety Division of the TSSA did not license or register private fuel underground/aboveground storage tanks prior to January of 1990 or furnace oil tanks prior to May 1, 2002. Also note that the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, or aboveground gasoline or diesel tanks for non-retail fuel outlets.

Municipal Authority

A written request has been made to Halton Region on January 24, 2017, in regards to the Subject Property. As of the date of issuance of this report, a written reply has not yet been received. Should further information be received which alters the conclusions of this report, an addendum will be forwarded to the Client.

Freedom of Information and Privacy Protection Office

Written requests have been made to the MOECC on December 19, 2016, in regards to the Subject Property. Written replies were received from the MOECC on January 9, 2017. Based on the records reviewed, no potential environmental concerns were identified for the Subject Property.

MOECC Publications Review

A review of the following publications and databases was carried out as part of this ESA:

1. MOECC Inventory of Coal Gasification Plant Waste Sites in Ontario, Vol. I & II, April, 1987;
2. MOECC Waste Disposal Site Inventory, June, 1991;
3. MOECC Ontario Inventory of Polychlorinated Biphenyl (PCB) Storage Sites, October, 2004;
4. The MOECC on-line Hazardous Waste Information Network (HWIN), Registered Generator List (December, 2016);

5. The MOECC on-line Brownfields Environmental Site Registry (October, 2004 to December, 2016); and
6. MOECC Hazardous Waste Information Systems (HWIS), Public Information Data Set, 1986 to 2014.

The review of the above publications did not indicate the presence of any nearby coal gasification plant waste sites, historical waste disposal site or PCB storage site within 1 km of the Subject Property.

Furthermore, the Subject Property and the immediate adjacent/neighbouring properties were not listed on the Brownfields Environmental Site Registry in accordance with the Record of Site Condition (O. Reg. 153/04 as amended) requirements of Part XV.1 of the Environmental Protection Act.

The Subject Property and the immediate adjacent and neighbouring properties in the vicinity of the Subject Property were listed on the MOECC HWIN (December, 2016) and MOECC HWIS (1986 to 2014) lists as generator of hazardous wastes as follows:

- Big Kahuna Tatt Shack, located within Building B at the Subject Property, was listed under generator Number ON3563883 in 2016 as a generator of the following registerable waste:
    - Pathological Waste (312 P).

- Parker's Cleaners (Burlington) Ltd. and James H. Parker Ltd., located at 480 Guelph Line, approximately 40 m northeast of the Subject Property, was listed under generator Number ON0311300 from 1992 to the present as a generator of the following registerable wastes:
    - Halogenated Solvents (241 H).

- Burlington Camera Inc., located at 489 Guelph Line, approximately 160 m northeast of the Subject Property, was listed under generator Number ON6764936 as a generator of the following registerable waste:
    - Photoprocessing Wastes (264 U).

- David Pinkus Drugs (1999) Limited, located at 3023 New Street, approximately 190 m northeast of the Subject Property, was listed under generator Number ON8815005 as a generator of the following registerable waste:
    - Pharmaceuticals (261 A); and
    - Pathological Wastes (312 P).

- Dr. David Robertson, located at 3009 New Street, approximately 140 m northeast of the Subject Property, was listed under generator Number ON9253508 as a generator of the following registerable waste:
    - Halogenated Solvents (241 L).

- DRSSL Limited, located at 466 Guelph Line, adjacent to the east of the Subject Property, was listed under generator Number ON8127512 in 2016 as a generator of the following registerable waste:
    - Halogenated Solvents (241 L).

- David Fielding Dentistry Professional, located at 465 Guelph Line, approximately 220 m east of the Subject Property, was listed under generator Number ON7631071 in 2016 as a generator of the following registerable waste:
    - Pathological Waste (312 P).

- Bay Cities Animal Hospital, located at 3001 New Street, approximately 220 m east of the Subject Property, was listed under generator Number ON4889097 in 2016 as a generator of the following registerable waste:
    - Pathological Waste (312 P).

It is unknown how the above-mentioned registerable wastes were historically stored and managed on these neighbouring properties. Based on the close proximity to the Subject Property and generation of halogenated solvents at the adjacent and neighbouring properties located at 466 and 480 Guelph Line, there is the potential for environmental contaminant impact to the Subject Property.

EcoLog Environmental Risk Information Service (ERIS) Report

An EcoLog ERIS Report was requested and reviewed as part of this Phase I ESA. A copy of this report is provided in Appendix F.

Subject Property:

There was no pertinent information included in the EcoLog ERIS report regarding the Subject Property that indicated a significant environmental concern.

Adjacent/Neighbouring Properties:

There was no pertinent information not previously listed that was included in the EcoLog ERIS report regarding the adjacent/neighbouring properties that indicated a significant environmental concern for the Subject Property.

Based on the above regulatory history searches and responses or information received (from regulatory agencies) to-date, and our visual observations, there is the potential for environmental contaminant impact to the Subject Property from the adjacent RFO located at 458 Guelph Line and the generation of halogenated solvents at the adjacent and neighbouring properties located at 466 and 480 New Street, respectively. A Phase II ESA is recommended for the Subject Property to assess the quality of the soils and groundwater in accordance with the current applicable MOECC Standards.

6.0 SITE VISIT FINDINGS AND DISCUSSION

The Phase I ESA site visits were completed by Mr. Kevin Bailey and Mr. Ryan Wills of S2S on December 16, 2016 and by Mr. Wills on January 4, 2017. The S2S representatives were accompanied by Mr. Shin during part of the site visits.

6.1 Fuel/Chemical Handling and Storage

No obvious visual evidence of chemical or fuel storage in USTs or ASTs was identified to be present on the Subject Property at the time of the site visit. Furthermore, no obvious visual evidence of vent or fill pipes indicated the potential presence of abandoned or decommissioned USTs was identified on the Subject Property.

Chemicals located at the Subject Property (as observed in the accessed areas) primarily consisted of janitorial and maintenance supplies, and were stored in containers that were 20 L in size or smaller (or bags that were 25 kg in size or smaller) and located in the commercial tenant Units and storage rooms in the Subject Buildings. There was no obvious visual evidence of significant spills or leaks or stains observed in the vicinity of the chemical storage areas.

Based on the above observations, the likelihood of current significant adverse environmental contaminant impact to the Subject Property from current chemical handling/storage appears low.

6.2 Waste Material

There was no evidence of the generation of hazardous wastes at the Subject Property at the time of the site visit. Waste materials generated at the Subject Property reportedly consisted of typical commercial and residential wastes (solid, non-hazardous wastes) including cardboard, plastic and other recyclable materials. The commercial and residential wastes were stored in metal waste bins and plastic waste bins, and were located outside at the northeast, northwest and east-central portions of the Subject Property, and to the west of Building A. The waste materials were reportedly removed from the Subject Property by licensed waste haulers including Wasteco, and the City of Burlington on a regular basis.

Based on the above observations, the likelihood of current significant adverse environmental contaminant impact to the Subject Property from waste materials appears low.

6.3 Spill and Stain Areas

The interior floors of the Subject Building, in the accessed areas, were observed to be generally ceramic/vinyl tiles, and carpet in the commercial tenant Units; and concrete slab in the electrical rooms and the storage rooms. These floor areas were visually noted to be in fair to good condition with minor surface cracking observed in the concrete floors.

At the time of the site visit, no obvious visual evidence of significant staining or spills was observed in the accessed areas of the Subject Building and on the exterior areas of the Subject Property. However, it should be noted that the exterior areas were partially covered with snow at the time of the site visit and therefore, some areas and features could not be completely assessed.

Based on the information obtained during the site visit, the likelihood of current significant adverse environmental contaminant impact to the Subject Property from stained areas appears low.

6.4 Wastewater Discharges

Based on the areas accessed, process wastewater was not reported to be produced as part of the on-site operations. General wastewater discharge consisted of kitchen, washroom and laundry wastewater which was reportedly discharged to the municipal sanitary system.

Based on the information obtained during the site visit, the likelihood of current significant adverse environmental contaminant impact to the Subject Property from wastewater discharges appears low.

6.5 Air Discharges

No sources of air emissions that are suspected to result in significant residual contamination to the property were identified to be present on the Subject Property.

Based on our site observations and information obtained during the site visit, the likelihood of current significant residual environmental contaminant impact to the Subject Property from air emissions appears low.

6.6 Polychlorinated Biphenyls (PCBs)

It was historically common to use PCBs in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. The federal Environmental Contaminants Act, 1976, prohibited the use of PCBs in heat transfer and electrical equipment installed after September 1, 1977, and in transformers and capacitors installed after July 1, 1980. In addition, the storage and disposal of PCB waste materials is regulated.

It should be noted that as per PCB Regulations SOR/2008-273, there is a requirement to phase out the usage of PCB containing equipment, as classified below:

Table 3 – Phase Out Dates for PCB Containing Equipment Usage

Equipment Types	Phase Out Dates Requirement
(i) Electrical capacitors, other than light ballasts,	(a) December 31, 2009, in the case of equipment

Equipment Types	Phase Out Dates Requirement
and electrical transformers and their auxiliary electrical equipment, other than pole-top electrical transformers and their pole-top auxiliary electrical equipment (ii) Electromagnets that are not used in the handling of food, feed or any additive to food or feed, and (iii) Heat transfer equipment, hydraulic equipment, vapour diffusion pumps and bridge bearings	containing PCBs in a concentration of 500 mg/kg or more; or (b) In the case of equipment containing PCBs in a concentration of at least 50 mg/kg but less than 500 mg/kg: • December 31, 2009, if the equipment is located at a drinking water treatment plant or food or feed processing plant, in a child care facility, preschool, primary school, secondary school, hospital or senior citizens' care facility or on the property on which the plant or facility is located and within 100 m of it, or • December 31, 2025, if the equipment is located at any other place.
Light ballasts, and pole-top electrical transformers and their pole-top auxiliary electrical equipment with PCBs in a concentration of 50 mg/kg or more	December 31, 2025
Any other type of PCB-containing equipment with liquid containing 2 mg/kg or more of PCBs	Until the day on which the liquid is removed from the equipment

An undetermined number of fluorescent light fixtures were present at the Subject Property. Two off-site pole-mounted transformers were observed to the south of the Subject Property. No obvious visual evidence of significant spills or staining was observed on the visible portions in the vicinity of this transformer. Dry-type (air-cooled) transformers were also observed on the Subject Property; however, the dry-type transformers would not contain oils/PCBs.

Based on the construction dates (approximately 1965 and the early 1970s) of the Subject Buildings, it is possible that electrical equipment containing PCBs is present at the Subject Property.

There were no environmental concerns noted with respect to PCBs at the Subject Property. If on-site electrical equipment from the Subject Buildings is being serviced or decommissioned, appropriate testing and inspection of the equipment should be undertaken to determine if PCBs are present.

6.7 Asbestos

The common use of potential friable (breakable by hand) asbestos-containing materials (ACMs) (pipe/boiler insulation and fireproofing) in construction generally ceased voluntarily in the mid-1970s; however, ACMs are known to be present in buildings constructed as late as

1990. Further, asbestos is still utilized in the manufacturing of some vinyl floor tiles and cement products (i.e. Transite piping and panelling). As of November 1, 2005, an updated asbestos regulation (O. Reg. 278/05 made under the Occupational Health and Safety Act) came into effect; however, all provisions of O. Reg. 278/05 came into effect on November 1, 2007. Asbestos Surveys undertaken prior to November 1, 2007, should be reviewed and reassessed to determine if they meet the requirements of the current applicable regulation (O. Reg. 278/05). Materials known or suspected to contain asbestos should be assessed and, asbestos management plans should be implemented.

Possible friable ACMs present within the Subject Buildings may include vermiculite fill insulation (usually present within the voids of cinder block walls), acoustical plaster, textured material, pipe insulation, mechanical insulation, parging cement on pipe elbows, joint tape on rain water leaders and acoustic ceiling tiles. Possible non-friable ACMs present within the Subject Building may include drywall with suspect asbestos containing drywall joint compound, vinyl floor tiles, mastic, cement (Transite) products, roofing materials, gasket materials (usually observed within "bells and spigots" style steel water drainage pipe connections) and caulking.

Based on the construction dates (approximately 1966 and the early 1970s) of the Subject Buildings, it is possible that ACMs are present in the building materials. Suspect friable ACMs observed included acoustic ceiling tiles within the Subject Buildings. No other suspect friable ACMs were observed within the accessed areas of the Subject Buildings. Suspect non-friable ACMs observed within the Subject Buildings included drywall with suspect asbestos containing drywall joint compound, vinyl floor tiles and caulking. No Transite materials were observed at the time of the site visit.

At the time of the site visit, the suspect ACM materials observed in the accessed areas were generally noted by S2S to be in good condition. Based on discussions with the site representative, an asbestos survey had not been completed for the Subject Property in accordance with O. Reg. 278/05.

In accordance with O. Reg. 278/05, an asbestos survey should be conducted on building(s) that are known or suspected to have ACMs and if asbestos is found to be present, an asbestos management plan should be implemented. Furthermore, where ACMs are in poor or deteriorated condition and potential human health risks exists due to exposure, appropriate abatement measures should be taken in accordance with O. Reg. 278/05.

6.8 Urea Formaldehyde Foam Insulation (UFFI)

The sale and installation of UFFI as thermal insulation began in approximately 1970, and continued until December 1980 when it was banned under the federal Hazardous Products Act. UFFI was installed in both new and existing buildings during this period. UFFI can begin to deteriorate if exposed to water and moisture and this will result in formaldehyde gas emission. While small amounts of formaldehyde are harmless, it is an irritating and toxic gas in significant concentrations.

As the Subject Building was in existence during the period from 1970 to 1980, it is possible that UFFI may be present at the Subject Property. However, evidence of UFFI was not observed in the accessed areas during the site visit. It should be noted that the assessment for UFFI was not exhaustive and analyses were not performed to confirm the absence of UFFI.

There were no environmental concerns noted with respect to UFFI at the Subject Property.

6.9 Lead

In 2005 and updated on April 8, 2011, the allowable lead content in paint was limited to 0.009% (90 ppm) by weight by the federal Surface Coating Materials Regulations, SOR/2005-109 under the Hazardous Products Act. Lead is also associated with plumbing solder and old pipes (pre-1990) as well as other lead-based products such as wall shielding (x-ray rooms).

Based on the construction dates (approximately 1965 and the early 1970s) of the Subject Buildings, it is possible that lead is present in paint and plumbing materials. Visual observations (where possible) in accessed areas did not indicate the presence of lead plumbing materials or peeling paint.

There were no environmental concerns noted with respect to lead in the accessible areas of Subject Property.

6.10 Ozone Depleting Substances (ODSs)

The federal government filed the Ozone-Depleting Substances Regulations (1998 and its subsequent amendments) to control the import, manufacture, use, sale and export of ODSs. These ODSs include: halons, carbon tetrachloride, chlorofluorocarbons (CFCs) (often referred to as Freon), methyl chloroform, hydrobromofluorocarbons (HBFCs), methyl bromide and hydrochlorofluorocarbons (HCFCs).

The dates for 100% reduction of halons, carbon tetrachloride, CFCs, methyl chloroform, HBFCs, and methyl bromide, as a result of their ozone-depleting characteristics, reportedly ranged from January 1, 1994 to January 1, 2005. The dates for 65%, 90%, 99.5% and 100% reduction of HCFCs are reportedly January 1, 2010, January 1, 2015, January 1, 2020 and January 1, 2030, respectively. There were also restrictions on the refill of equipment such as mobile air-conditioning units, mobile refrigeration, household appliances, commercial refrigeration and air-conditioning and chillers with CFCs as of 2006. However, there are no restrictions on the use of HCFCs as refrigerants in the refrigeration and air-conditioning sectors. Furthermore, currently, there is no prohibition on the sale of refrigeration or air-conditioning systems that contain HCFCs.

Sources of ODSs present on the Subject Property were likely limited to minor quantities of refrigerant within rooftop HVAC units, and in the refrigerators within individual tenant units.

Inquiries made with Mr. Shin indicated that there were no reported leaks associated with the above noted equipment, and that servicing of the site-owned HVAC units and refrigerators were completed by appropriately licensed technicians. Furthermore, visual observations in the accessed areas during the site visit did not indicate leaks or damage associated with the visually observed on-site sources of ODSs.

There were no environmental concerns noted with respect to ODSs at the Subject Property.

6.11 Radon

Radon gas is a product of the decay series that begins with uranium. Radon is produced directly from radium, which can be commonly found in bedrock that contains black shale and/or granite. Radon gas can migrate through the ground and enter buildings through porous concrete or fractures. Radon tends to accumulate in poorly ventilated basements.

Based upon information contained on regional geological maps, radon gas products are not expected to be found in the area at levels of concern.

6.12 Electromagnetic Fields (EMF)

Electrical currents cause electromagnetic fields. Common household current is alternating current, which reverses its direction (its charge) then switches back. This cycle creates electric and magnetic fields at the same frequency. No scientific data supports definitive answers to questions about the existence or non-existence of health risks related to electromagnetic fields.

There were no high-voltage transmission lines or electrical substations, which could generate significant electromagnetic frequencies, identified on or adjacent to the Subject Property.

6.13 Noise and Vibration

The effects of noise and vibration on human health vary according to the susceptibility of the individual exposed, the nature of the noise/vibration and whether exposure occurs in the working environment or in the home.

There were no major or persistent sources of noise and/or vibration identified on or adjacent to the Subject Property during the site visit.

6.14 Mould

There was no obvious visual evidence of suspect mould growth on visible interior building materials in the accessed areas of the Subject Buildings.

7.0 ADJACENT AND NEIGHBOURING PROPERTIES

7.1 Adjacent and Neighbouring Properties – Current Land Use

Land use of the adjacent and immediate neighbouring properties is identified on Drawing Nos. 2 and 3, included in Appendix A. A summary of this land use is also presented below in Table 4.

Table 4 - Adjacent and Neighbouring Properties – Current Land Use

Boundary Side of Subject Property	Current Activity	Evident Potential Sources of Contamination
North (adjacent)	**478 to 482 Karen Drive** Single Family Residential Dwellings	None
East (adjacent)	**466 Guelph Line** Commercial (Lela's Fine Furniture) **458 Guelph Line** Commercial (Petro-Canada RFO)	RFO with three USTs
Southeast (across New Street)	**2440 New Street** Multi-Tenant Commercial (including Subway, Dungeon Comics, Artisan Pizza, and Used Tire Inc.)	None
South (across New Street)	**2412 to 2424 New Street** Multi-Tenant Residential **2400 New Street** Multi-Tenant Residential	Suspect Vent and Fill pipes at the northeast corner of the Building located at 2418 New Street
West (adjacent)	**2393 New Street and 465 Beverley Drive** Multi-Tenant Residential Apartments	None

The Subject Property was surrounded by single family residential dwellings to the north, commercial properties to the east, a multi-tenant commercial property to the southeast (across New Street), and multi-tenant residential properties to the south (across New Street) and west.

At the time of the site visits, an automobile service garage (Beverly Tire and Auto) was observed on the neighbouring property located at 490 Guelph Line, approximately 70 m northeast of the Subject Property. An AST suspected of containing waste oil was observed on the west side of this property. Based on the close proximity of this automobile service garage to the Subject Property, there is the potential for environmental contaminant impact to the Subject Property.

At the time of the site visits, an active dry cleaning facility (Parker's Cleaners) was observed on the neighbouring property located at 480 Guelph Line, approximately 40 m northeast of the Subject Property. Based on the information summarized in Section 5.1, environmental contaminant impacts to the Subject Property that were suspected of originating from this neighbouring dry cleaning facility have been confirmed through a previous environmental investigation.

At the time of the site visits, a RFO was located at 458 Guelph Line, adjacent to the east of the Subject Property. According to information obtained from the TSSA summarized in Section 5.2, three active USTs were located at this adjacent property. Based on the available information to-date, there is the potential for environmental contaminant impact to the Subject Property from this adjacent RFO.

At the time of the site visits, suspect vent and fill pipes potentially associated with an UST were observed exterior to the northeast corner of the Building located at 2418 New Street, approximately 40 m south (across New Street) of the Subject Property. Based on the close proximity of this potential UST to the Subject Property, there is the potential for environmental contaminant impact to the Subject Property.

It was unknown how the adjacent/neighbouring properties were heated at the time of the site visit. However, it should be noted that at the time of the site visit, no obvious visual evidence of vent or fill pipes indicating the potential presence of existing, abandoned or decommissioned USTs was identified on the immediate adjacent/neighbouring properties on all sides of the Subject Property (where accessible/visible), with the exception of the vent and fill pipes located on the neighbouring property located at 2418 New Street. Furthermore, observations of these adjacent/neighbouring properties (where accessible/visible) from publicly accessible areas did not reveal any obvious visual evidence of outside chemical storage in ASTs, USTs and drums, and/or major spills, with the exception of the USTs located on the adjacent property located at 458 Guelph Line. However, it should be noted that the adjacent and neighbouring properties were partially covered with snow at the time of the site visit and therefore some areas could not be completely assessed. At the time of the site visit, it was also noted that the immediate adjacent/neighbouring properties were serviced by natural gas.

Based on available information to-date and our site observations, there is the potential for environmental contaminant impact to the Subject Property from the above-noted adjacent and neighbouring property uses.

7.2 Adjacent and Neighbouring Properties – Historical Land Use

A list of historical land uses for the adjacent and immediate neighbouring properties is provided in Table 5 below.

Table 5 - Adjacent and Neighbouring Properties – Historical Land Use

Boundary Side of Subject Property	Comments	Sources of Information
North (adjacent)	**478 to 482 Karen Drive** Prior to approximately the late 1950s – Undeveloped/ Undeveloped Purposes From approximately the late 1950s to the present – Single Family Residential Dwellings	City Directories, Aerial Photographs, Previous Phase I ESA Report, FIPs, Geowarehouse Database, Interviews, Site Visit
East (adjacent)	**466 Guelph Line** Prior to approximately the late 1950s - Undeveloped/ Agricultural Purposes From approximately the late 1950s to the present - Commercial (including Lela's Fine Furniture, My Video Store, Colour Your World, and Peffer's Place) **458 Guelph Line** Prior to approximately the late 1950s – Undeveloped/ Agricultural Purposes From approximately the late 1950s to the present – Commercial RFOs (including Petro-Canada, and BP Oil)	City Directories, Aerial Photographs, Previous Phase I ESA Report, FIPs, Geowarehouse Database, Interviews, Site Visit
Southeast (across New Street)	**2440 New Street** Prior to approximately the late 1950s - Undeveloped/ Agricultural purposes From approximately the late 1950s to approximately the mid-1970s - Commercial (Canadian Tire and automobile service garage) From approximately the mid-1970s to the present - Multi-Tenant Commercial (including Subway, Edible Arrangements, Baskin Robbins, Burlington Music, Used Tires Inc.)	City Directories, Aerial Photographs, Previous Phase I ESA Report, FIPs, Geowarehouse Database, Interviews, Site Visit
South (across New Street)	**2412 to 2424 New Street** Prior to approximately the late 1950s – Undeveloped/ Agricultural Purposes From approximately the late 1950s to the present - Residential Apartments (including Maranda Court Apartments) **2400 New Street** Prior to approximately the late 1950s – Undeveloped/ Agricultural Purposes	City Directories, Aerial Photographs, Previous Phase I ESA Report, FIPs, Geowarehouse Database, Interviews, Site Visit

Boundary Side of Subject Property	Comments	Sources of Information
	From approximately the late 1950s to the present - Residential Apartments (including Mayfair Place Apartments)	
West (adjacent)	**2393 New Street and 465 Beverley Drive** Prior to approximately the 1940s – Undeveloped/ Agricultural Purposes From approximately the 1940s to approximately 1960 – Single Family Residential Dwellings From approximately 1960 to the present - Residential Apartments	City Directories, Aerial Photographs, Previous Phase I ESA Report, FIPs, Geowarehouse Database, Interviews, Site Visit

The earliest record available for the properties in the vicinity of the Subject Property was an aerial photograph from 1931, which indicated that these surrounding properties were undeveloped or used for agricultural purposes at that time. According to the available information, the adjacent properties to the north of the Subject Property were first developed with single family residential dwellings in approximately the late 1950s; the adjacent properties to the east of the Subject Property were first developed with commercial RFOs (458 Guelph Line) and commercial (466 Guelph Line) properties in approximately the late 1950s; the neighbouring property to the southeast (across New Street) was first developed as a commercial property including an automobile service garage in approximately the late 1950s and was redeveloped as a multi-tenant commercial plaza in approximately the mid-1970s; and the adjacent properties to the west of the Subject Property were first developed with single family residential dwellings in approximately the 1940s and were redeveloped with the current residential apartment buildings in approximately the 1960s.

According to the available City Directories and our site observations, an automobile service garage was located at 490 Guelph Line, approximately 70 m northeast of the Subject Property, from approximately the late 1950s to the present. At the time of the site visit, an AST suspected of containing waste oil was observed on the west side of this property. Based on the close proximity of this automobile service garage to the Subject Property, there is the potential for environmental contaminant impact to the Subject Property.

According to the available City Directories and our site observations, a dry cleaning facility was located at 480 Guelph Line, approximately 40 m northeast of the Subject Property, from approximately the late 1950s to the present. Based on the information summarized in Section 5.1, environmental contaminant impacts to the Subject Property that were suspected

of originating from this neighbouring dry cleaning facility have been confirmed through a previous environmental investigation.

According to the available City Directories and site observations, various RFOs were located at 458 Guelph Line, adjacent to the east of the Subject Property, from approximately the late-1950s to the present. Based on the close proximity of these RFOs to the Subject Property, there is the potential for environmental contaminant impact to the Subject Property.

According to the 1971 FIP, an automobile service garage was located on the neighbouring property, approximately 40 m southeast (across New Street) of the Subject Property at that time. Based on the close proximity of this historical automobile service garage to the Subject Property, there is the potential for environmental contaminant impact to the Subject Property.

It is unknown how the immediate adjacent/neighbouring properties were historically heated. However, as discussed in Section 7.1, there was no obvious visual evidence of vent or fill pipes indicating the potential presence of existing, abandoned or decommissioned USTs identified on the immediate adjacent/neighbouring properties on all sides of the Subject Property (where accessible/visible), with the exception of above-mentioned vent and fill pipes observed on the neighbouring property located at 2418 New Street.

Based on available information to-date and our site observations, there is the potential for environmental contaminant impact to the Subject Property from the above-noted historical adjacent and neighbouring property uses.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Based on information gathered and observations made to-date, the Phase I ESA has revealed the following actual and potential environmental concerns at the Subject Property:

- A previous environmental investigation completed at the Subject Property by Terraprobe in 2011 found concentrations of PCE in groundwater above the current applicable MOECC Table 3 Standards and concentrations of TCE in groundwater at the current applicable MOECC Table 3 Standards. These contaminant impacts were suspected of originating from a dry cleaning facility (Parker's Cleaners) which occupied the neighbouring property (480 Guelph Line), approximately 40 m northeast of the Subject Property, from approximately the late 1950s to the present;

- A suspect historical dry cleaning facility (Deluxe Cleaners) reportedly occupied Building A on the Subject Property in approximately 1973. It was unknown if this dry cleaning facility performed dry cleaning operations on the Subject Property;

- An automobile service garage occupied the neighbouring property (490 Guelph Line), approximately 70 m northeast of the Subject Property, from approximately the late 1950s to the present;

- According to the MOECC HWIN (December, 2016) list, an adjacent property (466 Guelph Line) to the east of the Subject Property was listed as a generator of halogenated solvents (waste class 241 L);

- Various RFOs (including Petro Canada, BP Oil, Roseland Supertest and Lakeshore Motors) occupied the adjacent property (currently 458 Guelph Line and historically including 2439 New Street) to the east of the Subject Property from approximately the early 1950s to the present;

- According to a 1971 FIP, an historical automobile service garage occupied the neighbouring property (2440 New Street), located approximately 40 m southeast (across New Street) of the Subject Property, at that time; and

- At the time of the site visits, vent and fill pipes potentially associated with aUST were observed outside the exterior northeast corner of the building located at 2418 New Street, approximately 40 m south (across New Street) of the Subject Property.

Based on the above noted actual and potential environmental concerns, environmental contaminant impacts to the Subject Property have been confirmed through a previous environmental investigation at the Subject Property, and there is the potential for additional environmental contaminant impact to the Subject Property from potential environmental concerns which were not investigated by this previous environmental investigation.

A Phase II ESA was completed to further assess the quality of the soils and groundwater in accordance with the current applicable MOECC Standards. The findings of the Phase II ESA will be submitted under a separate cover. It should be noted that the ground surface at the Subject Property and surrounding properties was partially snow covered and therefore some areas and features could not be completely assessed.

A reply has not yet been received from Halton Region for the request of information regarding the Subject Property at the time of issuance of this report. Should further information be received which alters the conclusions of this report, an addendum will be forwarded to the Client.

9.0 CLOSURE

This report has been prepared for the sole benefit of The Rosseau Group (Client).

The report may not be relied upon by any other person or entity without the express written consent of S2S Environmental Inc. (S2S) and the Client. Any use that a party makes of this report, or any reliance on decisions made based on it, is the responsibility of such parties. S2S accepts no responsibility for damages, if any, suffered by any party as a result of decisions made or actions based on this report.

S2S makes no other representation whatsoever, including those concerning the legal significance of its findings, or as to the other legal matters addressed incidentally in this report, including but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation. These interpretations may change over time, thus the Client should review such issues with appropriate legal counsel.

Some of the information presented in this report was provided through existing documents and interviews. Although attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, S2S in certain instances has been required to assume that this information provided is accurate.

The conclusions as presented represent the best judgment of the assessor based on the visual observations of the accessible property elements of the Subject Property and adjacent/neighbouring properties observed on December 16, 2016 and January 4, 2017. Should additional information become available, S2S requests that this information be brought to our attention so that we may reassess the conclusions presented herein.

Respectfully Submitted,

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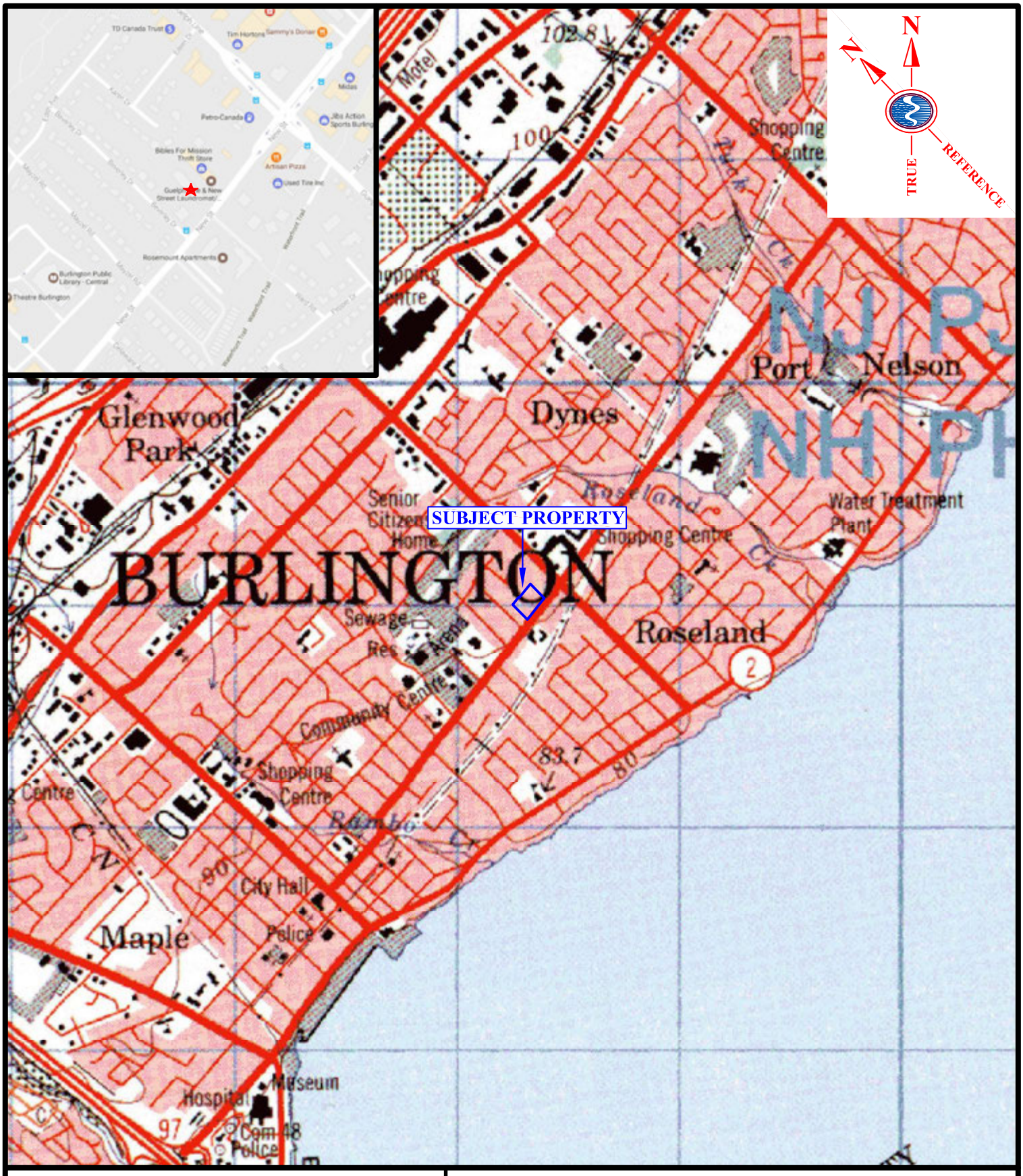


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APPENDIX A

DRAWINGS



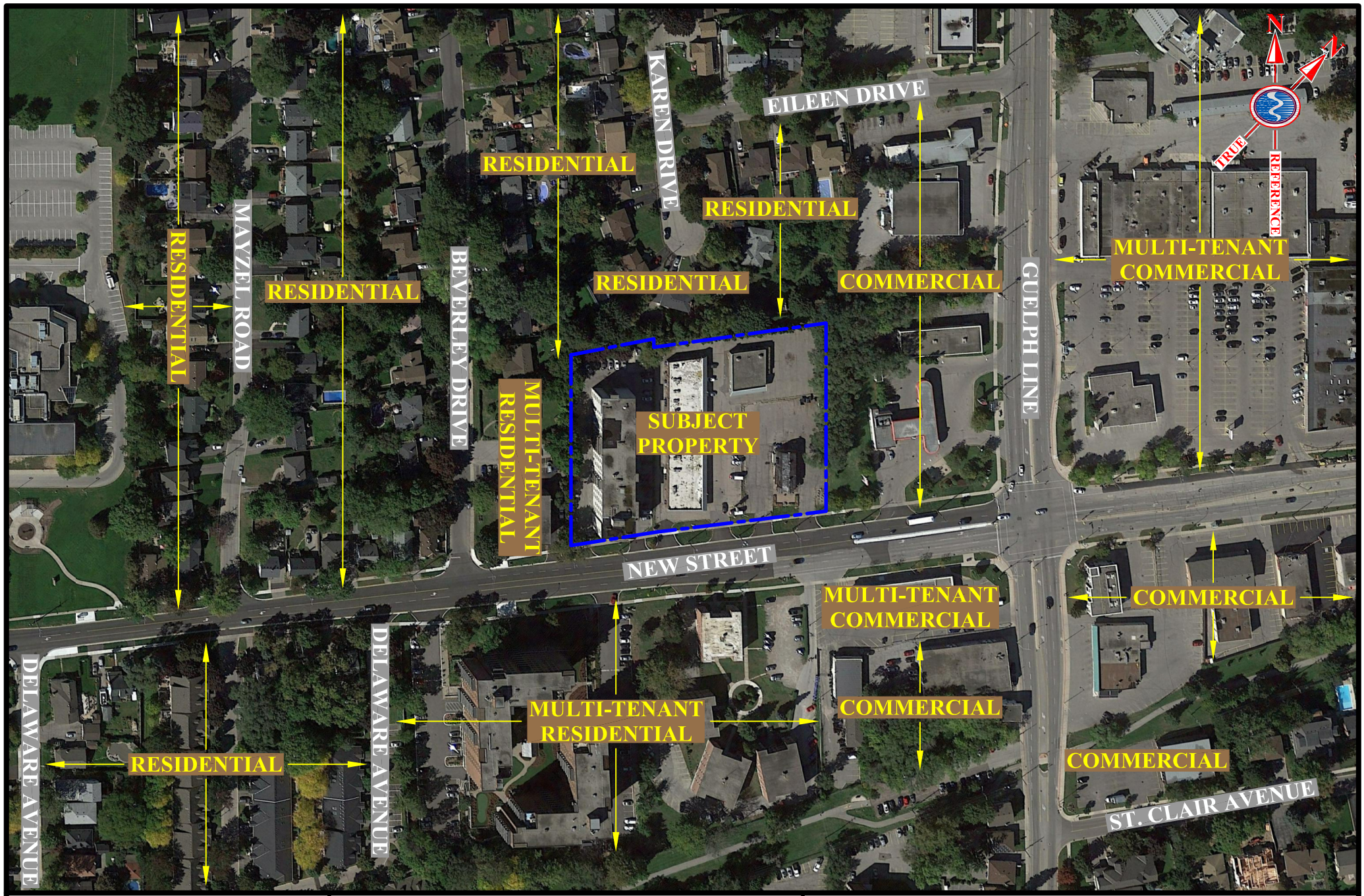
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DRAWN BY: SW	DATE: JAN 30, 2017	SCALE : 1:25,000

SITE LOCATION MAP

S2S Environmental Inc.

PROJECT NO:	SITE LOCATION:	DRAWING NO:
6573	2411, 2421 AND 2433 NEW STREET BURLINGTON, ONTARIO	1



LEGEND

ASSUMED PROPERTY LINE

IMAGERY DATE: October 2016, Google Earth

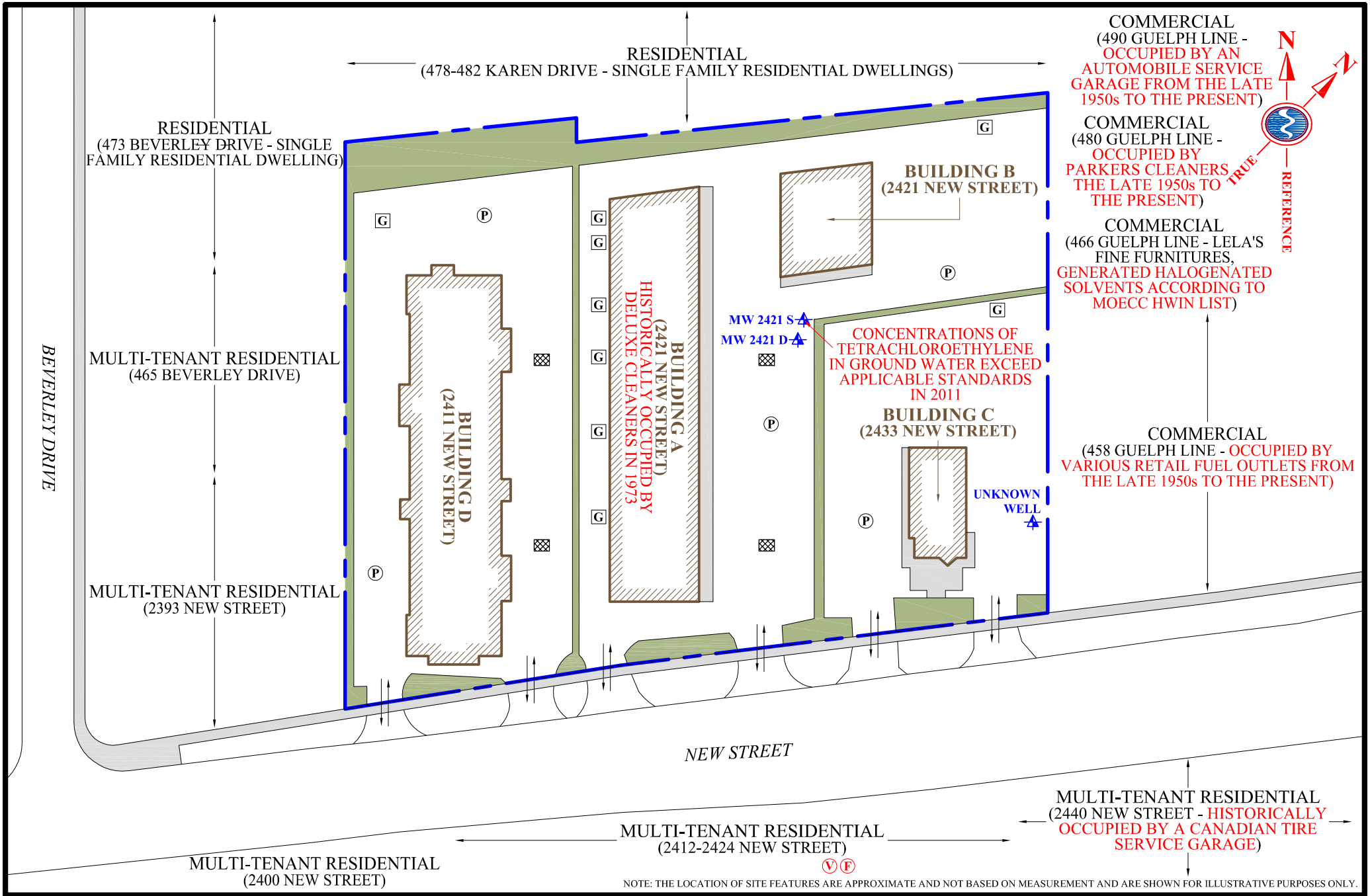
AERIAL PHOTOGRAPH SHOWING NEIGHBOURING LAND USES

DRAWN BY: SW	DATE: JAN 30, 2017

S2S Environmental Inc.

SCALE:
NOT TO SCALE

PROJECT NO:	SITE LOCATION:	DRAWING NO:
6573	2411, 2421 AND 2433 NEW STREET BURLINGTON, ONTARIO	2



NOTE: THE LOCATION OF SITE FEATURES ARE APPROXIMATE AND NOT BASED ON MEASUREMENT AND ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

LEGEND

- ASSUMED PROPERTY LINE
- SITE ACCESS
- (P) ASPHALT PAVED PARKING AND DRIVEWAY
- (V) VENT PIPE
- (F) FILL PIPE
- [G] GARBAGE BIN
- APPROXIMATE LOCATION OF MONITORING WELL
- SUBJECT BUILDING
- CONCRETE WALKWAY/ PAVED AREA
- LANDSCAPED AREA
- CATCH BASIN

SITE PLAN SHOWING NEIGHBOURING LAND USES

DRAWN BY: SW	DATE: JAN 31, 2017

S2S Environmental Inc.

SCALE:	
NOT TO SCALE	
PROJECT NO:	**SITE LOCATION:**
6573	2411, 2421 AND 2433 NEW STREET BURLINGTON, ONTARIO
DRAWING NO:	
3	

APPENDIX B

TENANT LIST

CURRENT TENANT INFORMATION FOR THE SUBJECT PROPERTY (AS OF JANUARY 4, 2017)

Building	Tenant
A	Six Penny Mini Mart
A	Sidekicks Martial Arts
A	D.R. Higgins Chiropractor
A	Big Kahuna Tatt Shack
A	Bryant's Pet Grooming
A	Laundromat
A	John's Acupuncture & Oriental Medicine Clinic
B	Bibles for Missions Thrift Store
C	Easterbrook's Too Restaurant

APPENDIX C

ASSESSOR QUALIFICATIONS

Name: Kevin Bailey, M.A.Sc., EIT

Position: Project Scientist

Education **M.A.Sc., Chemical Engineering**, University of Waterloo, ON, 2013

Hon.B.A.Sc., Chemical Engineering, University of Waterloo, ON, 2011

Courses **Certificate in Project Leadership,** University of Waterloo, ON, 2015
Industrial Wastewater Pollution Control, University of Waterloo, ON, 2012
Air Pollution Control, University of Waterloo, ON, 2011
Industrial Ecology, University of Waterloo, ON, 2010

Environmental Site Assessments

- Conducted detailed reviews of environmental registries, city directories, topographic and geologic maps, and pertinent historical information
- Conducted interviews with property owners, occupants, key site personnel and local government officials to obtain information concerning the environmental conditions related to the Subject Property and adjacent properties.
- Identified and assessed potential or actual environmental contamination and presence of hazardous materials.
- Developed conclusions and recommendations based on applicable federal, provincial, and municipal regulations.

Property Condition Assessments

- Conducted visual assessment of property elements and various industrial, commercial, and residential buildings.
- Evaluated visually the structural elements of buildings and related structures.
- Assessed the conditions of various roofing systems on properties from a non-specialist viewpoint.
- Recommended replacement, reconstruction and/or repair of building elements.
- Estimated costs for repair and replacement in capital reserve tables for clients.

Name: Sharon Waters, B.A. (Geog.)

Position: Senior Project Manager

Education/ Courses

B.A., Geography, Wilfrid Laurier University, 1983
Post-Graduate Diploma in Environmental Assessment, Lakehead University, 1993

- **Environmental Site Assessment Field Camp,** Golder U, Golder Associates Ltd., 2013 (3 day Field Camp)
- **Project Management Refresher Certification,** Golder U, Golder Associates Ltd., 2012 (15 hours)
- **Measuring your Organization's Carbon Footprint: ISO 14064-1 Essentials- Greenhouse Gas Inventories**, Canadian Standards Association, 2011 (32 hours)
- **Measuring your Organizational Environmental Impact: ISO 14064-2 Essentials- Greenhouse Gas Inventories**, Canadian Standards Association, 2011 (32 hours)
- **Business Development and Sales Course,** Golder U, Golder Associates Ltd., 2011 (16 hours)
- **Project Management Certification,** Golder U, Golder Associates Ltd., 2010, (24 hours)
- **Quality Assurance Program for Environmental Investigations in Ontario,** Golder U, Golder Associates Ltd., 2011(8 hours)
- **Health and Safety Modules 1, 2 and 3,** Golder U, Golder Associates Ltd., 2010 and 2012 (8 to 16 hours each)
- **United States ASTM Standard E1527-13 Procedures,** EMG, Baltimore, Maryland, 2008 (40 hours)

Environmental Site Assessments

- More than 20 years of experience working in Environmental Due Diligence Consulting. Conducted Phase I and II Environmental Site Assessments, Compliance Audits, and Hazardous Materials Surveys based on the requirements of the CSA, ASTM, and Ontario Regulation 153/04 (as amended) Standards.
- Senior Project Manager/Lead Auditor/Technical Reviewer/Environmental Site Assessor/Technical Report Writer for Phase I & II Environmental Site Assessments and Compliance Audits for over 750 sites, completed on behalf of Manulife Financial, GE Capital Real Estate, First National Bank, Canadian Imperial Bank of Canada,

Royal Bank of Canada, Toronto Dominion Bank, Morguard Investments Limited, GMAC Commercial Mortgage, Bank of Montreal, Bank of Nova Scotia, Public Works and Government Services Canada, Transport Canada, and Canadian National Real Estate, Canadian National North America. Other clients from commercial/industrial/ residential real estate and legal firms.

- More than 15 years of Project Management experience in Environmental Due Diligence Consulting. Specialized expertise in management of multi-site portfolios including more than 25 Phase I ESA portfolios across Canada and the United States, including 40 and 50 site portfolios located in three and seven provinces, respectively; a 30 Site portfolio located in eight provinces; a 17 site portfolio located in two provinces; 13, 20, and 35 Site portfolios located in one, two, and five province(s), respectively; and, a 58 Site portfolio located in the Greater Toronto Area. All multi-site portfolios completed in an expedited fashion.
- Conducted more than 100 Phase II Environmental Site Assessments, Test Pit Investigations, and Limited Environmental Sampling Investigations on various industrial, commercial, residential, and undeveloped properties throughout Ontario.

Other Related Environmental Services

- Assistant Project Manager for various Route Selection and Environmental and Socio-economic Impact Assessment projects for the natural gas industry. Responsibilities included identifying a study process, conducting associated physical, natural, and socio-economic environmental inventories, assisting in the preferred route selection process, the identification of potential environmental impacts along the preferred route, as well as the formulation of recommended mitigation and monitoring measures.
- Responsible for conducting field investigations and research for preparation of Environmental Study Reports and Environmental Impact Studies. Responsible for research and preparation of Official Plan and Zoning By-law Amendments, as well as Committee of Adjustment applications, for numerous development proposals in Durham Region, County of Peterborough, and County of Victoria.
- Completed Drift Thickness and Bedrock Topography Mapping, Long Point Area, for the Ontario Geological Survey. Supervisor, Botany and Wildlife Inventory for the Ontario Breeding Bird Atlas, Presqu'ile Area, Brighton, Ontario.

APPENDIX D

RESOURCE INFORMATION

HISTORICAL SOURCES, REGULATORY CONTACTS, BACKGROUND INFORMATION AND PERSONS INTERVIEWED

SOURCE	INFORMATION RECEIVED/REVIEWED
Mr. Steve Shin (Property Owner)	Site access, site current and historical information
Previous Environmental Reports/Background Information	- "Phase 1 Environmental Site Assessment, 2411 New Street, Burlington, Ontario", prepared for Megna Real Estate and Insurance Ltd., prepared by Frontier Engineering (Frontier), dated July 19, 1996 (hereinafter referred to as the '1996 Frontier Phase I ESA' report); and - "Results of Soil and Groundwater Sampling, 2421 New Street, Burlington" letter report, prepared for Mr. Seong-Woo Shin, prepared by Terraprobe Inc. (Terraprobe), dated August 31, 2011 (hereinafter referred to as the "2011 Terraprobe Soil and Groundwater Sampling" report).
City Directories - Toronto Reference Library	1965, 1968, 1973, 1978, 1983, 1988, 1993, 1998, 2003, 2008 and 2013.
Fire Insurance Plans - Toronto Reference Library	September, 1971.
Aerial Photographs - Toronto Archives - Google Earth	1931, 1961, 1974 and 1989. 2004, 2005, 2006, 2009, 2014, 2015 and 2016
Topographic/Ontario Base Maps - SoftMap Plus Software	Ontario Base Maps Volume 1

SOURCE	INFORMATION RECEIVED/REVIEWED
Ontario Geological Survey 2010. Surficial geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 128-REV - OGS Earth Mapping Service "Google Earth"	Regional geological soil data
MOECC Inventory of Coal Gasification Plant Waste Sites in Ontario, Vol. I & II, April, 1987	Coal Gasification Plant Waste Sites potentially near Subject Property
MOECC Waste Disposal Site Inventory, June, 1991	Waste Disposal Sites potentially near Subject Property
MOECC Ontario Inventory of PCB Storage Sites, October, 2004	PCB Storage Sites potentially near Subject Property
MOECC on-line Hazardous Waste Information Network (HWIN), Registered Generator List (Accessed December, 2016).	Potential list of current hazardous waste generators for the Subject Property and neighbouring properties
MOECC Hazardous Waste Information Systems, Public Information Data Set, 1986 to 2013	Potential list of historical hazardous waste generators for the Subject Property and neighbouring properties
The MOECC on-line Brownfields Environmental Site Registry, October, 2004 to January, 2017	A list of sites that have voluntarily filed a Records of Site Condition in the accordance with the Environmental Protection Act
Ecolog Environmental Risk Information Services Ltd.	RSC EcoLog ERIS Report (dated December 9, 2016) covering a 250 m radius from the property boundaries of the Subject Property, and providing information on the Phase I ESA Study Area through a comprehensive search of all federal, provincial and private source data (attached as Appendix F)
Technical Standards and Safety Authority (TSSA). Contact: Prem Lal, plal@tssa.org	Review of computer database for possible storage of fuels on Subject Property from 1990 to present. TSSA Report for 458 Guelph Line, Burlington, prepared by TSSA, prepared for S2S on January 3, 2017.

NOTE: The available historical coverage (i.e. city directories, fire insurance plans and aerial photographs) is not a continuous record. It is possible that features of interest may have appeared and disappeared between coverage dates, or in some cases may have predated available coverage. In addition, aerial photograph quality is variable and in some instances site features are difficult to identify or their purpose may be difficult to establish.

APPENDIX E

SITE PHOTOGRAPHS

	
Photo 1: View of the north elevation of Building D, looking southwest.	**Photo 2: View of a portion of the east elevation of Building A, looking northwest.**
	
Photo 3: View of the south elevation of Building B, looking northwest.	**Photo 4: View of the west elevation of Building C, looking northeast.**



Photo 5: View of the single family residential dwellings adjacent to the north of the Subject Property, looking southwest.



Photo 6: View of the neighbouring dry cleaning facility approximately 40 m northwest of the Subject Property, looking northwest.



Photo 7: View of the Petro-Canada RFO adjacent to the east of the Subject Property.



Photo 8: View of a portion of the neighbouring commercial plaza to the southeast (across New Street) of the Subject Property, looking southwest.



Photo 9: View of the neighbouring residential properties (2412 to 2424 New Street) to the south (across New Street) of the Subject Property, looking south (across New Street) from the roof of Building A.



Photo 10: View of the suspect vent and fill pipes (see arrows) on the neighbouring property (2418 New Street) to the south of the Subject Property.



Photo 11: View of the adjacent residential apartment (2393 New Street) adjacent to the west of the Subject Property, looking northeast.



Photo 12: View of the monitoring wells (see arrows) associated with the 2011 Terraprobe Soil and Groundwater Sampling investigation, on the central portion of the Subject Property.



Photo 13: View of typical chemical storage within the Subject Buildings.



Photo 14: View of a typical metal waste bin on the Subject Property.



Photo 15: View of a typical rooftop HVAC unit on Building A.



Photo 16: View of a portion of the interior of the tenant unit occupied by a laundromat in Building A.

APPENDIX F

ECOLOG ERIS REPORT

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*2411, 2421, 2433 New St, Burlington* *2411, 2421, 2433 New St, Burlington* *Burlington ON*
Project No:	*6573*
Report Type:	*RSC Report (Urban)*
Order No:	*20161202131*
Requested by:	*S2S Environmental Inc.*
Date Completed:	*December 9, 2016*

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

www.erisinfo.com

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Executive Summary

Property Information:

Project Property:	*2411, 2421, 2433 New St, Burlington* *2411, 2421, 2433 New St, Burlington Burlington ON*
Project No:	*6573*

Order Information:

Order No:	*20161202131*
Date Requested:	*December 2, 2016*
Requested by:	*S2S Environmental Inc.*
Report Type:	*RSC Report (Urban)*

Additional Products:

Aerial Photographs	*National Collection - Digital (PDF)*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Specific Plans*
Topographic Map	*Ontario Base Map (OBM)*

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
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	8	8
CA	Certificates of Approval	Y	0	2	2
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	16	17
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	12	12
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	3	3
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	1	48	49
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	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	4	4
PINC	TSSA Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	4	4
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	2	2
SCT	Scott's Manufacturing Directory	Y	0	9	9
SPL	Ontario Spills	Y	0	3	3
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	2	15	17
	Total:		4	132	136

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		ON	-/0.0	0.00	24
2	WWIS		Burlington ON	-/0.0	-0.18	24
3	GEN	big kahuna tatt shack	2421 new st burlington ON L7R1K1	-/0.0	-0.18	26
4	EHS		2421 New Street Burlington ON L7R 1K1	-/0.0	0.70	27

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
5	WWIS		Burlington ON	NNW/7.3	0.82	27
6	WWIS		Burlington ON	N/22.0	0.82	29
7	WWIS		lot 16 con 3 BURLINGTON ON	N/23.8	0.82	31
8	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/30.0	0.82	33
8	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/30.0	0.82	34
8	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/30.0	0.82	34
8	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON	NE/30.0	0.82	34
8	EXP	SIMCOE ENERGY & TECHNICAL SERVICES INC *	458 GUELPH LINE BURLINGTON ON	NE/30.0	0.82	34
8	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/30.0	0.82	35
8	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/30.0	0.82	35
8	FSTH	1301060 ONTARIO INC O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/30.0	0.82	35
8	FSTH	1301060 ONTARIO INC O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/30.0	0.82	36
8	PRT	SOUTH WESTERN ONTARIO PROPANE DIV 998131 ONTARIO L	458 GUELPH LINE BURLINGTON ON L7R3L9	NE/30.0	0.82	36
8	PRT	ROSANNE BERRY	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/30.0	0.82	36
8	PRT		458 GUELPH LINE N. BURLINGTON ON	NE/30.0	0.82	37
8	PRT	GUS HOLDINGS	458 GUELPH LINE BURLINGTON ON L7R3L9	NE/30.0	0.82	37
8	RST	PETRO-CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/30.0	0.82	37
8	SPL	PETRO-CANADA	458 GUELPH LINE NORTH, BURLINGTON SERVICE STATION BURLINGTON CITY ON	NE/30.0	0.82	37
9	SCT	DRT Products Inc.	2434 New St Burlington ON L7R 1J6	E/36.2	-0.12	37
10	WWIS		Burlington ON	NNE/36.4	0.82	38
11	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/47.4	0.82	40
11	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/47.4	0.82	41
11	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/47.4	0.82	41

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/47.4	0.82	41
11	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/47.4	0.82	41
11	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/47.4	0.82	42
11	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/47.4	0.82	42
11	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/47.4	0.82	42
11	RST	PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R3L9	NE/47.4	0.82	42
12	WWIS		BURLINGTON ON	N/51.3	0.82	43
13	WWIS		Burlington ON	NNE/51.3	0.82	45
14	EHS		2440 New Street Burlington ON L7R 1J6	E/51.3	-0.23	47
15	PINC		2418 NEW STREET, BURLINGTON ON	SE/53.0	-1.18	47
16	GEN	DRSSL LIMITED	466 Guelph Line Burlington ON L7R3L9	NNE/53.6	0.82	48
17	WWIS		BURLINGTON ON	NNE/55.9	0.82	48
18	EHS		480 Guelph Line Burlington ON L7R 3M1	N/64.6	0.82	50
18	EHS		480 Guelph Line Burlington ON L7R 3M1	N/64.6	0.82	50
18	EHS		480 Guelph Line Burlington ON L7R 3M1	N/64.6	0.82	51
18	GEN	Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	N/64.6	0.82	51
18	GEN	Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	N/64.6	0.82	51
18	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N/64.6	0.82	51
18	GEN	JAMES H PARKER LTD	(PARKERS CLEANERS) 480 GULEPH LINE BURLINGTON ON L7R 3M1	N/64.6	0.82	52
18	GEN	PARKERS (ON0311300/SEE&USE JAMES H PARK)	480 GUELPH LINE BURLINGTON ON L7R 3M1	N/64.6	0.82	52
18	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N/64.6	0.82	52
18	GEN	JAMES H. PARKER LTD.	480 GUELPH LINE BURLINGTON ON L7R 3M1	N/64.6	0.82	53
18	GEN	Parker Cleaners	480 Guelph Line Burlington ON	N/64.6	0.82	53
18	GEN	JAMES H PARKER LTD 22-016	(PARKERS CLEANERS) 480 GULEPH LINE BURLINGTON ON L7R 3M1	N/64.6	0.82	53
18	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N/64.6	0.82	53

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	GEN	Parker's Cleaners	480 Guelph Line Burlington ON L7R 3M1	N/64.6	0.82	54
18	GEN	Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	N/64.6	0.82	54
18	GEN	JAMES H. PARKER LIMITED	480 GUELPH LINE BURLINGTON ON L7R 3M1	N/64.6	0.82	54
19	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N/69.8	0.82	54
19	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON	N/69.8	0.82	55
20	SCT	PRINT THREE	2442 NEW ST BURLINGTON ON L7R 1J6	E/70.6	-0.22	55
21	WWIS		lot 16 con 3 ON	N/76.3	0.82	55
22	PES	JAN GELDERMAN LANDSCAPING LTD.	491 KAREN DRIVE BURLINGTON ON L7R 3J2	NW/76.4	0.82	56
23	WWIS		BURLINGTON ON	N/94.8	0.82	56
24	BORE		ON	E/99.4	-0.24	58
25	EHS		422 Guelph Line Burlington ON L7R 3L4	E/108.6	-1.25	59
26	GEN	ESSO PETROLEUM CANADA 14-876	457 GUELPH LINE & NEW ST., BURLINGTON C/O 55 ST. CLAIR AVE. WEST TORONTO ON M5W 2J8	NE/112.5	0.82	59
27	GEN	MARSALA INVESTMENTS	2424 NEW ST BURLINGTON ON L7R 1J6	SE/113.8	-2.19	59
27	GEN	MARSALA INVESTMENTS	2424 NEW ST BURLINGTON ON L7R 1J6	SE/113.8	-2.19	59
28	WWIS		lot 15 con 3 BURLINGTON ON	NE/117.1	0.82	60
29	WWIS		BURLINGTON ON	N/123.2	0.82	62
30	SPL		Laneway on the East End of the property of Roseland Plaza at 475- 55 Guelph Line AT 475- 55 GUELPH LINE DINO'S PIZZA<UNOFFICIAL> Burlington ON	N/123.4	1.49	64
31	EHS		2386 New St Burlington ON L7R1J7	S/123.5	-2.18	65
32	BORE		ON	ENE/129.0	0.57	65
33	WWIS		ON	E/130.5	-1.18	66
34	WWIS		BURLINGTON ON	ENE/130.7	-0.15	68
35	GEN	1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	ENE/132.4	-0.24	70
35	GEN	1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	ENE/132.4	-0.24	70
35	GEN	1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	ENE/132.4	-0.24	70

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
36	EHS		3001 New Street Burlington ON	NE/138.9	0.82	70
36	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/138.9	0.82	71
36	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/138.9	0.82	71
36	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/138.9	0.82	71
36	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/138.9	0.82	72
36	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/138.9	0.82	72
36	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/138.9	0.82	72
37	WWIS		BIRLINGTON ON	NE/140.8	0.82	72
38	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/141.3	0.82	74
38	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON	NE/141.3	0.82	75
39	GEN	Dr. David Robertson	3009 New Street, Roseland Plaza Burlington ON L7R1K3	NNE/150.0	1.82	75
40	EHS		489 Guelph Line Burlington ON L7R3M2	N/173.0	1.82	75
40	GEN	Burlington Camera Inc.	489 Guelph Line Burlington ON L7R3M2	N/173.0	1.82	75
40	GEN	Burlington Camera Inc.	489 Guelph Line Burlington ON	N/173.0	1.82	76
41	GEN	Burlington Camera Inc.	489 Guelph Line Burlington ON	N/177.0	1.82	76
41	GEN	Burlington Camera Inc.	489 Guelph Line Burlington ON	N/177.0	1.82	76
42	BORE		ON	NNW/177.9	0.82	77
43	PINC		2422 EDITH AVE, BURLINGTON ON	NW/180.4	0.82	77
44	SCT	Print Three Inc.	409 Guelph Line Burlington ON L7R 3L7	E/181.2	-1.94	78
45	GEN	Betty Wheeler	390 Guelph Line Burlington ON L7R 3L4	ESE/186.5	-2.91	78
45	GEN	Children's Education Funds Inc.	390 Guelph Line Burlington ON	ESE/186.5	-2.91	78
46	PES	WHISTLEWOOD LANDSCAPE SERVICES INC./FERN LEA HORTICU	3017 ST. CLAIR AVE., SUITE 278 BURLINGTON ON L7L 3P5	E/206.0	-1.17	7
46	PES	FERNLEA OUTDOOR SERVICES INC	3017 ST. CLAIR AVE, SUITE 278 BURLINGTON ON L7N3P5	E/206.0	-1.17	79
46	SCT	Schaefer Graphics Inc.	3017 St. Clair Ave Suite 326 Burlington ON L7N 3P5	E/206.0	-1.17	79
46	SCT	Water Energy Technologies -	372-3017 St. Clair Ave Burlington ON L7N 3P5	E/206.0	-1.17	79
46	SCT	Schaefer Graphics Inc.	3017 Saint Clair Ave Suite 326 Burlington ON L7N 3P5	E/206.0	-1.17	79

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
46	SCT	943825 Ontario Limited	3017 St. Clair Ave Suite 372 Burlington ON L7N 3P5	E/206.0	-1.17	80
46	SCT	SCHAEFER GRAPHICS INC.	3017 ST CLAIR AVE SUITE 326 BURLINGTON ON L7N 3P5	E/206.0	-1.17	80
47	EHS		3023 New Street Burlington ON L7R 1K3	NNE/206.8	1.82	80
47	EHS		3023 New Street Burlington ON L7R 1K3	NNE/206.8	1.82	81
47	GEN	SHOPPERS DRUG MART	3023 NEW STREET BURLINGTON ON	NNE/206.8	1.82	81
47	PES	SHOPPERS DRUG MART #0739 (ROSELAND PLAZA)	3023 NEW STREET BURLINGTON ON L7R 1K3	NNE/206.8	1.82	81
48	GEN	David Pinkus Drugs (1999) Limited	3023 NEW ST Burlington ON L7R 1K3	NNE/209.4	1.75	81
48	GEN	David Pinkus Drugs (1999) Limited	3023 NEW ST Burlington ON	NNE/209.4	1.75	81
49	BORE		ON	N/210.2	1.75	82
50	WWIS		Burlington ON	NE/214.4	0.82	82
51	EHS		384 St. Paul Street Burlington ON L7R 3K4	SE/221.4	-3.25	85
52	EHS		3030 New St Burlington ON L7N1M5	ENE/221.7	-0.18	85
53	EHS		511 Guelph Line Burlington ON L7R 3M3	N/221.8	1.82	85
53	EHS		511 Guelph Line Burlington ON L7R 3M3	N/221.8	1.82	85
53	EHS		511 & 640 GUELPH LINE BURLINGTON ON	N/221.8	1.82	86
53	SPL	BURLINGTON HYDRO-ELECTRIC COMM	511 GUELPH LINE TRANSFORMER BURLINGTON CITY ON L7R 3M3	N/221.8	1.82	86
54	BORE		ON	E/231.3	-2.18	86
55	EHS		451 Guelph Line Burlington ON L7R 3L8	NE/239.6	0.82	87
55	GEN	STAR CLEANERS BURLINGTON LIMITED	451 GUELPH LINE BURLINGTON ON L7R 3L8	NE/239.6	0.82	87
55	GEN	STAR CLEANERS	451 GUELPH LINE BURLINGTON ON L7R 3L8	NE/239.6	0.82	87
55	GEN	STAR CLEANERS 36-115	451 GUELPH LINE BURLINGTON ON L7R 3L8	NE/239.6	0.82	88
55	GEN	STAR CLEANERS	451 GUELPH LINE BURLINGTON ON L7R 3L8	NE/239.6	0.82	88
55	GEN	G2S Environmental Consulting Inc.	451 Guelph Line Burlington ON L7R 3L8	NE/239.6	0.82	88
56	GEN	Fracarsan Corporation	451 Guelph Line Burlington ON	NE/240.3	0.82	88
57	GEN	David Fielding Dentistry Prefessional	465 Guelph Line Burlington ON	NE/243.4	0.82	89
57	GEN	David Fielding Dentistry Prefessional	465 Guelph Line Burlington ON L7R 3L8	NE/243.4	0.82	89

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
58	SCT	Roseland Denture Clinic	3027 New St Burlington ON L7R 1K3	NNE/248.3	0.96	89
59	BORE		ON	N/250.0	1.82	90
60	RSC	Mattwood Construction Limited	540 GUELPH LINE, BURLINGTON, ON, L7R 3M4 Burlington ON L7R 3M4	NNW/254.6	0.82	90
61	BORE		ON	SW/255.3	-1.18	91
62	BORE		ON	N/268.7	1.82	91
63	CA	R.M. OF HALTON	WOODLAND PARK DR/GUELPH LINE BURLINGTON ON	ESE/293.6	-3.13	92
63	CA	R.M. OF HALTON	WOODLAND PARK DR/GUELPH LINE BURLINGTON ON	ESE/293.6	-3.13	92
64	HINC		3013 WOODLAND PARK DRIVE BURLINGTON ON L7N 1K8	E/294.6	-2.18	92

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 8 BORE site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	99.4	24
	ON	129.0	32
	ON	177.9	42
	ON	210.2	49
	ON	231.3	54
	ON	250.0	59
	ON	255.3	61
	ON	268.7	62

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
R.M. OF HALTON	WOODLAND PARK DR/GUELPH LINE BURLINGTON ON	293.6	63
R.M. OF HALTON	WOODLAND PARK DR/GUELPH LINE BURLINGTON ON	293.6	63

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 17 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2421 New Street Burlington ON L7R 1K1	0.0	4

Site	Address	Distance (m)	Map Key
	2440 New Street Burlington ON L7R 1J6	51.3	14
	480 Guelph Line Burlington ON L7R 3M1	64.6	18
	480 Guelph Line Burlington ON L7R 3M1	64.6	18
	480 Guelph Line Burlington ON L7R 3M1	64.6	18
	422 Guelph Line Burlington ON L7R 3L4	108.6	25
	2386 New St Burlington ON L7R1J7	123.5	31
	3001 New Street Burlington ON	138.9	36
	489 Guelph Line Burlington ON L7R3M2	173.0	40
	3023 New Street Burlington ON L7R 1K3	206.8	47
	3023 New Street Burlington ON L7R 1K3	206.8	47
	384 St. Paul Street Burlington ON L7R 3K4	221.4	51
	3030 New St Burlington ON L7N1M5	221.7	52
	511 & 640 GUELPH LINE BURLINGTON ON	221.8	53
	511 Guelph Line Burlington ON L7R 3M3	221.8	53
	511 Guelph Line Burlington ON L7R 3M3	221.8	53
	451 Guelph Line Burlington ON L7R 3L8	239.6	55

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Oct 31, 2016 has found that there are 12 EXP site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
SIMCOE ENERGY & TECHNICAL SERVICES INC *	458 GUELPH LINE BURLINGTON ON	30.0	8
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	30.0	8
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	30.0	8

Site	Address	Distance (m)	Map Key
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	30.0	8
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON	30.0	8
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	30.0	8
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	30.0	8
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	47.4	11
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	47.4	11
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	47.4	11
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	47.4	11
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	47.4	11

FST - Fuel Storage Tank

A search of the FST database, dated Oct 31, 2016 has found that there are 3 FST site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	47.4	11
SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	47.4	11
SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	47.4	11

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
1301060 ONTARIO INC O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	30.0	8
1301060 ONTARIO INC O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	30.0	8

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Sep 2016 has found that there are 49 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
big kahuna tatt shack	2421 new st burlington ON L7R1K1	0.0	3
DRSSL LIMITED	466 Guelph Line Burlington ON L7R3L9	53.6	16
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	64.6	18
Parker's Cleaners	480 Guelph Line Burlington ON L7R 3M1	64.6	18
Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	64.6	18
JAMES H. PARKER LIMITED	480 GUELPH LINE BURLINGTON ON L7R 3M1	64.6	18
Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	64.6	18
Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	64.6	18
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	64.6	18
JAMES H PARKER LTD	(PARKERS CLEANERS) 480 GULEPH LINE BURLINGTON ON L7R 3M1	64.6	18
PARKERS (ON0311300/SEE&USE JAMES H PARK)	480 GUELPH LINE BURLINGTON ON L7R 3M1	64.6	18
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	64.6	18
JAMES H. PARKER LTD.	480 GUELPH LINE BURLINGTON ON L7R 3M1	64.6	18
Parker Cleaners	480 Guelph Line Burlington ON	64.6	18
JAMES H PARKER LTD 22-016	(PARKERS CLEANERS) 480 GULEPH LINE BURLINGTON ON L7R 3M1	64.6	18
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	69.8	19
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON	69.8	19
ESSO PETROLEUM CANADA 14-876	457 GUELPH LINE & NEW ST., BURLINGTON C/O 55 ST. CLAIR AVE. WEST TORONTO ON M5W 2J8	112.5	26
MARSALA INVESTMENTS	2424 NEW ST BURLINGTON ON L7R 1J6	113.8	27
MARSALA INVESTMENTS	2424 NEW ST BURLINGTON ON L7R 1J6	113.8	27
1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	132.4	35

Site	Address	Distance (m)	Map Key
1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	132.4	35
1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	132.4	35
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	138.9	36
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	138.9	36
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	138.9	36
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	138.9	36
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	138.9	36
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	141.3	38
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON	141.3	38
Dr. David Robertson	3009 New Street, Roseland Plaza Burlington ON L7R1K3	150.0	39
Burlington Camera Inc.	489 Guelph Line Burlington ON L7R3M2	173.0	40
Burlington Camera Inc.	489 Guelph Line Burlington ON	173.0	40
Burlington Camera Inc.	489 Guelph Line Burlington ON	177.0	41
Burlington Camera Inc.	489 Guelph Line Burlington ON	177.0	41
Betty Wheeler	390 Guelph Line Burlington ON L7R 3L4	186.5	45
Children's Education Funds Inc.	390 Guelph Line Burlington ON	186.5	45
SHOPPERS DRUG MART	3023 NEW STREET BURLINGTON ON	206.8	47
David Pinkus Drugs (1999) Limited	3023 NEW ST Burlington ON L7R 1K3	209.4	48
David Pinkus Drugs (1999) Limited	3023 NEW ST Burlington ON	209.4	48
STAR CLEANERS 36-115	451 GUELPH LINE BURLINGTON ON L7R 3L8	239.6	55
STAR CLEANERS	451 GUELPH LINE BURLINGTON ON L7R 3L8	239.6	55
G2S Environmental Consulting Inc.	451 Guelph Line Burlington ON L7R 3L8	239.6	55

Site	Address	Distance (m)	Map Key
STAR CLEANERS BURLINGTON LIMITED	451 GUELPH LINE BURLINGTON ON L7R 3L8	239.6	55
STAR CLEANERS	451 GUELPH LINE BURLINGTON ON L7R 3L8	239.6	55
Fracarsan Corporation	451 Guelph Line Burlington ON	240.3	56
David Fielding Dentistry Prefessional	465 Guelph Line Burlington ON	243.4	57
David Fielding Dentistry Prefessional	465 Guelph Line Burlington ON L7R 3L8	243.4	57

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
	3013 WOODLAND PARK DRIVE BURLINGTON ON L7N 1K8	294.6	64

PES - Pesticide Register

A search of the PES database, dated Oct 31, 2016 has found that there are 4 PES site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
JAN GELDERMAN LANDSCAPING LTD.	491 KAREN DRIVE BURLINGTON ON L7R 3J2	76.4	22
WHISTLEWOOD LANDSCAPE SERVICES INC./FERN LEA HORTICU	3017 ST. CLAIR AVE., SUITE 278 BURLINGTON ON L7L 3P5	206.0	46
FERNLEA OUTDOOR SERVICES INC	3017 ST. CLAIR AVE, SUITE 278 BURLINGTON ON L7N3P5	206.0	46
SHOPPERS DRUG MART #0739 (ROSELAND PLAZA)	3023 NEW STREET BURLINGTON ON L7R 1K3	206.8	47

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated Aug 31, 2016 has found that there are 2 PINC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2418 NEW STREET, BURLINGTON ON	53.0	15
	2422 EDITH AVE, BURLINGTON ON	180.4	43

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 4 PRT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
GUS HOLDINGS	458 GUELPH LINE BURLINGTON ON L7R3L9	30.0	8
	458 GUELPH LINE N. BURLINGTON ON	30.0	8
ROSANNE BERRY	458 GUELPH LINE BURLINGTON ON L7R 3L9	30.0	8
SOUTH WESTERN ONTARIO PROPANE DIV 998131 ONTARIO L	458 GUELPH LINE BURLINGTON ON L7R3L9	30.0	8

RSC - Record of Site Condition

A search of the RSC database, dated Oct 31, 2016 has found that there are 1 RSC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Mattwood Construction Limited	540 GUELPH LINE, BURLINGTON, ON, L7R 3M4 Burlington ON L7R 3M4	254.6	60

RST - Retail Fuel Storage Tanks

A search of the RST database, dated Oct 31, 2016 has found that there are 2 RST site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
PETRO-CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	30.0	8
PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R3L9	47.4	11

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 9 SCT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
DRT Products Inc.	2434 New St Burlington ON L7R 1J6	36.2	9
PRINT THREE	2442 NEW ST BURLINGTON ON L7R 1J6	70.6	20
Print Three Inc.	409 Guelph Line Burlington ON L7R 3L7	181.2	44

Site	Address	Distance (m)	Map Key
943825 Ontario Limited	3017 St. Clair Ave Suite 372 Burlington ON L7N 3P5	206.0	46
Schaefer Graphics Inc.	3017 Saint Clair Ave Suite 326 Burlington ON L7N 3P5	206.0	46
Water Energy Technologies -	372-3017 St. Clair Ave Burlington ON L7N 3P5	206.0	46
Schaefer Graphics Inc.	3017 St. Clair Ave Suite 326 Burlington ON L7N 3P5	206.0	46
SCHAEFER GRAPHICS INC.	3017 ST CLAIR AVE SUITE 326 BURLINGTON ON L7N 3P5	206.0	46
Roseland Denture Clinic	3027 New St Burlington ON L7R 1K3	248.3	58

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2016 has found that there are 3 SPL site(s) within approximately 0.30 kilometers of the project property.

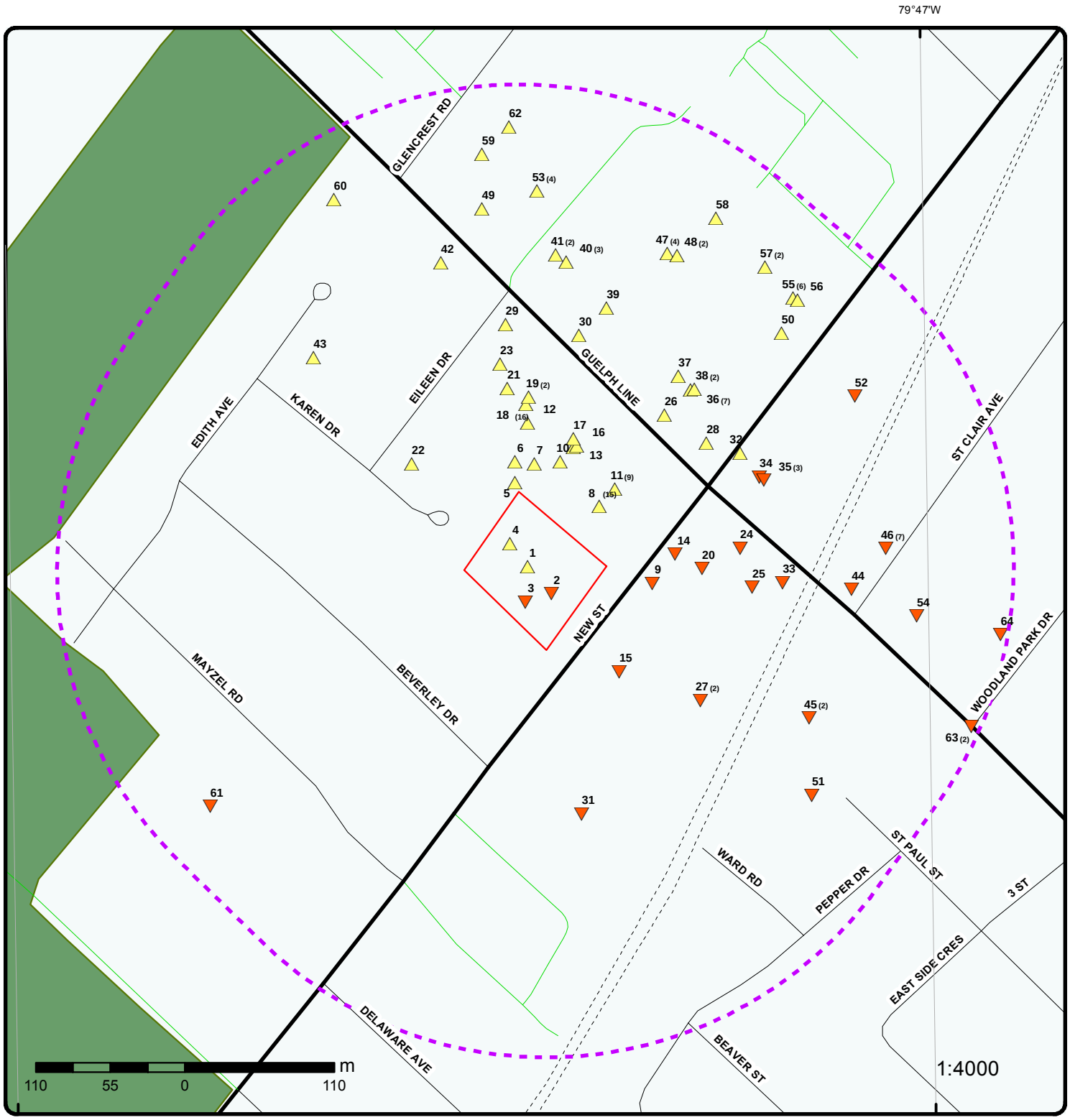
Site	Address	Distance (m)	Map Key
PETRO-CANADA	458 GUELPH LINE NORTH, BURLINGTON SERVICE STATION BURLINGTON CITY ON	30.0	8
	Laneway on the East End of the property of Roseland Plaza at 475- 55 Guelph Line AT 475- 55 GUELPH LINE DINO'S PIZZA<UNOFFICIAL> Burlington ON	123.4	30
BURLINGTON HYDRO-ELECTRIC COMM	511 GUELPH LINE TRANSFORMER BURLINGTON CITY ON L7R 3M3	221.8	53

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30, 2016 has found that there are 17 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	0.0	1
	Burlington ON	0.0	2
	Burlington ON	7.3	5
	Burlington ON	22.0	6
	lot 16 con 3 BURLINGTON ON	23.8	7
	Burlington ON	36.4	10

Site	Address	Distance (m)	Map Key
	BURLINGTON ON	51.3	12
	Burlington ON	51.3	13
	BURLINGTON ON	55.9	17
	lot 16 con 3 ON	76.3	21
	BURLINGTON ON	94.8	23
	lot 15 con 3 BURLINGTON ON	117.1	28
	BURLINGTON ON	123.2	29
	ON	130.5	33
	BURLINGTON ON	130.7	34
	BIRLINGTON ON	140.8	37
	Burlington ON	214.4	50



Map : 0.3 Kilometer Radius

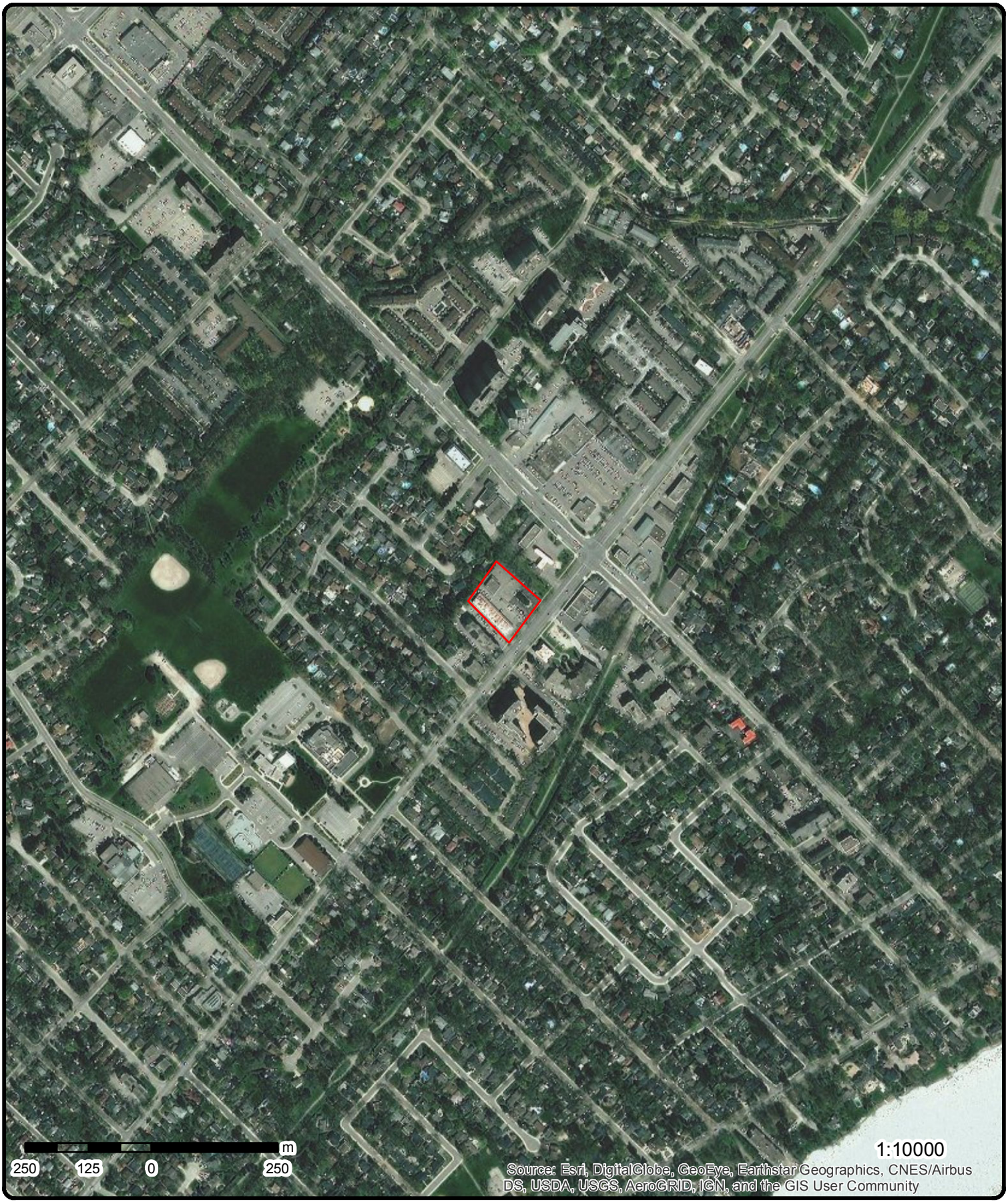
Address: 2411, 2421, 2433 New St, Burlington, Burlington, ON
Order No: 20161202131

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2015 DMTI Spatial Inc.

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Aerial

Order No: 20161202131

Address: 2411, 2421, 2433 New St, Burlington, Burlington, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Source: ESRI World Imagery

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	-/0.0	89.0	ON	WWIS

Well ID: 7170884
Construction Date::
Primary Water Use::
Sec. Water Use::
Final Well Status::
Specific Capacity::
Municipality: BURLINGTON CITY
County: HALTON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--	--
Bore Hole ID:	1003593805
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	09-JUN-11
Remarks:	
Zone:	17
East 83:	598328
North 83:	4799039
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
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Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
2	1 of 1	-/0.0	88.8	Burlington ON	WWIS

Well ID: 7136412
Construction Date::
Primary Water Use:: Monitoring
Sec. Water Use::
Final Well Status:: Observation Wells
Specific Capacity::
Municipality: BURLINGTON CITY
County: HALTON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--	--
Bore Hole ID:	1002896632

DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	01-JAN-09
Remarks:	
Zone:	
East 83:	
North 83:	
UTMRC:	9
UTMRC Description:	unknown UTM
Location Method:	wwr
Org CS:	UTM83
Elevation:	
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1003089883
Layer:	1
General Color:	BLACK
Most Common Material:	OTHER
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	.333
Formation End Depth UOM:	ft
--	--
Formation ID:	1003089884
Layer:	2
General Color:	BROWN
Most Common Material:	TILL
Other Materials:	
Other Materials:	DRY
Formation Top Depth:	.333
Formation End Depth:	7
Formation End Depth UOM:	ft
--	--
Formation ID:	1003089885
Layer:	3
General Color:	RED
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	7
Formation End Depth:	20
Formation End Depth UOM:	ft
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1003089887
Layer:	1
Plug From:	1
Plug To:	14
Plug Depth UOM:	ft
--	--
Method of Construction & Well	

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

Use	
--	--
Method Construction ID:	1003089892
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1003089882
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1003089889
Layer:	1
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:	1003089890
Layer:	1
Slot:	10
Screen Top Depth:	15
Screen End Depth:	20
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Hole Diameter	
--	--
Hole ID:	1003089886
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
3	1 of 1	-/0.0	88.8	***big kahuna tatt shack*** ***2421 new st*** ***burlington ON L7R1K1***	***GEN***

PO Box Num:	7
Status:	Registered
Country:	Canada
Generator #:	ON3563883
Approval Yrs::	As of Sep 2016
SIC Code:	
SIC Description:	
--Details--	
Waste Code:	312 P
Waste Description:	Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	1 of 1	-/0.0	89.7	2421 New Street Burlington ON L7R 1K1	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20030109001
Addit. Info Ordered::
Report Date: 1/17/03
Report Type: Basic Report
Search Radius (km): 0.30

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
5	1 of 1	NNW/7.3	89.8	Burlington ON	WWIS

Well ID: 7159572
Construction Date::
Primary Water Use:: Test Hole
Sec. Water Use::
Final Well Status:: Test Hole
Specific Capacity::
Municipality: BURLINGTON CITY
County: HALTON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
-- --
Bore Hole ID: 1003478476
DP2BR:
Code OB:
Code OB Description:
Open Hole:
Date Completed: 02-FEB-11
Remarks:
Zone: 17
East 83: 598319
North 83: 4799101
UTMRC: 3
UTMRC Description: margin of error : 10 - 30 m
Location Method: wwr
Org CS: UTM83
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:
-- --
Overburden and Bedrock Materials Interval
-- --
Formation ID: 1003797793
Layer: 1
General Color: BLUE
Most Common Material: FILL
Other Materials:
Other Materials:

Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft
--	--
Formation ID:	1003797794
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	SILT
Other Materials:	WATER-BEARING
Formation Top Depth:	2
Formation End Depth:	15
Formation End Depth UOM:	ft
--	--
Formation ID:	1003797795
Layer:	3
General Color:	BROWN
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	24
Formation End Depth UOM:	ft
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1003797803
Layer:	1
Plug From:	24
Plug To:	17
Plug Depth UOM:	ft
--	--
Plug ID:	1003797804
Layer:	2
Plug From:	17
Plug To:	1
Plug Depth UOM:	ft
--	--
Plug ID:	1003797805
Layer:	3
Plug From:	1
Plug To:	0
Plug Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1003797801
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1003797792
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1003797798
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0

Depth To:	19
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1003797799
Layer:	1
Slot:	10
Screen Top Depth:	19
Screen End Depth:	24
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Hole Diameter	
--	--
Hole ID:	1003797796
Diameter:	8
Depth From:	24
Depth To:	0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
--	--

6 **1 of 1** **N/22.0** **89.8** **Burlington ON** **WWIS**

Well ID:	7159570	**Lot:**	
Construction Date::		**Concession:**	
Primary Water Use::	Test Hole	**Concession Name:**	
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Test Hole	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	1003478472
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	03-FEB-11
Remarks:	
Zone:	17
East 83:	598319
North 83:	4799116
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	

Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1003797676
Layer:	1
General Color:	BLUE
Most Common Material:	FILL
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft
--	--
Formation ID:	1003797677
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	SILT
Other Materials:	WATER-BEARING
Formation Top Depth:	2
Formation End Depth:	15
Formation End Depth UOM:	ft
--	--
Formation ID:	1003797678
Layer:	3
General Color:	BROWN
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	24
Formation End Depth UOM:	ft
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1003797686
Layer:	1
Plug From:	24
Plug To:	18
Plug Depth UOM:	ft
--	--
Plug ID:	1003797687
Layer:	2
Plug From:	18
Plug To:	1
Plug Depth UOM:	ft
--	--
Plug ID:	1003797688
Layer:	3
Plug From:	1
Plug To:	0
Plug Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1003797684
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	
--	--
Pipe Information	
--	--

Pipe ID:	1003797675
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1003797681
Layer:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1003797682
Layer:	1
Slot:	10
Screen Top Depth:	24
Screen End Depth:	19
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Hole Diameter	
--	--
Hole ID:	1003797679
Diameter:	8
Depth From:	24
Depth To:	0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
--	--

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7 | ***1 of 1*** | ***N/23.8*** | ***89.8*** | ***lot 16 con 3 BURLINGTON ON*** | ***WWIS***

Well ID:	2810081	**Lot:**	016
Construction Date::		**Concession:**	03
Primary Water Use::		**Concession Name:**	DS S
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Observation Wells	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information

--	--
Bore Hole ID:	11174698
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	28-SEP-04
Remarks:	
Zone:	17
East 83:	598333
North 83:	4799115
UTMRC:	3

UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	89.99
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	932974989
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	STONES
Other Materials:	FILL
Formation Top Depth:	0
Formation End Depth:	1.5
Formation End Depth UOM:	m
--	--
Formation ID:	932974990
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	1.5
Formation End Depth:	3.8
Formation End Depth UOM:	m
--	--
Formation ID:	932974991
Layer:	3
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	3.8
Formation End Depth:	5.2
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	933255961
Layer:	1
Plug From:	.02
Plug To:	3.8
Plug Depth UOM:	m
--	--
Plug ID:	933255962
Layer:	2
Plug From:	3.8
Plug To:	5.2
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962810081
Method Construction Code:	6

Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11183217
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930846004
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	.01
Depth To:	3.8
Casing Diameter:	5
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	933409592
Layer:	1
Slot:	10
Screen Top Depth:	3.8
Screen End Depth:	5.2
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4
--	--
Water Details	
--	--
Water ID:	934052464
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	4
Water Found Depth UOM:	m
--	--
Hole Diameter	
--	--
Hole ID:	11308297
Diameter:	21
Depth From:	0
Depth To:	5.2
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	1 of 15	NE/30.0	89.8	***1491222 ONTARIO LTD O/A PETRO CANADA*** ***458 GUELPH LINE*** ***BURLINGTON ON L7R 3L9***	EXP

Instance ID:	
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	10/3/1989
Instance Number:	11318637
Instance Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Status:		EXPIRED			
Description:					

8	2 of 15	NE/30.0	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP

Instance ID:	
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	10/3/1989
Instance Number:	11194555
Instance Type:	FS Liquid Fuel Tank
Status:	EXPIRED
Description:	

8	3 of 15	NE/30.0	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP

Instance ID:	
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	10/3/1989
Instance Number:	11318662
Instance Type:	FS Liquid Fuel Tank
Status:	EXPIRED
Description:	

8	4 of 15	NE/30.0	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON	EXP

Instance ID:	77815
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	
Instance Number:	11318712
Instance Type:	FS Piping
Status:	EXPIRED
Description:	FS Piping

8	5 of 15	NE/30.0	89.8	SIMCOE ENERGY & TECHNICAL SERVICES INC * 458 GUELPH LINE BURLINGTON ON	EXP

Instance ID:	10596
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	
Instance Number:	10030558
Instance Type:	FS Facility
Status:	EXPIRED
Description:	FS Propane Cylr Handling Facility

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	6 of 15	NE/30.0	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP

Instance ID:
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 10/3/1989
Instance Number: 11318679
Instance Type: FS Liquid Fuel Tank
Status: EXPIRED
Description:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	7 of 15	NE/30.0	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP

Instance ID:
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 10/3/1989
Instance Number: 11318693
Instance Type: FS Liquid Fuel Tank
Status: EXPIRED
Description:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	8 of 15	NE/30.0	89.8	1301060 ONTARIO INC O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	FSTH

License Issue Date: 6/20/2007 2:36:00 PM
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 2002
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Status: Active
Year of Installation: 2002
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Status: Active
Year of Installation: 2002
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	9 of 15	NE/30.0	89.8	1301060 ONTARIO INC O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	FSTH

License Issue Date: 6/20/2007
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Removed
Year of Installation: 1985
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Removed
Year of Installation: 1985
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Removed
Year of Installation: 1985
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Removed
Year of Installation: 1985
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Removed
Year of Installation: 1985
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	10 of 15	NE/30.0	89.8	SOUTH WESTERN ONTARIO PROPANE DIV 998131 ONTARIO L 458 GUELPH LINE BURLINGTON ON L7R3L9	PRT

Location ID: 24209
Type: retail
Expiry Date: 1994-12-31
Capacity (L): 0
Licence #: 0076379742

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	11 of 15	NE/30.0	89.8	ROSANNE BERRY 458 GUELPH LINE BURLINGTON ON L7R 3L9	PRT

Location ID: 24209
Type: retail
Expiry Date: 1994-07-31
Capacity (L): 0
Licence #: 0019288001

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	12 of 15	NE/30.0	89.8	458 GUELPH LINE N. BURLINGTON ON	PRT

Location ID: 2419
Type: retail
Expiry Date:
Capacity (L):
Licence #:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	13 of 15	NE/30.0	89.8	GUS HOLDINGS 458 GUELPH LINE BURLINGTON ON L7R3L9	PRT

Location ID: 24209
Type: retail
Expiry Date: 1996-02-29
Capacity (L): 113500
Licence #: 0076436211

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	14 of 15	NE/30.0	89.8	PETRO-CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	RST

Code: 01186800
Facility: SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS
Description:
List Name:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	15 of 15	NE/30.0	89.8	PETRO-CANADA 458 GUELPH LINE NORTH, BURLINGTON SERVICE STATION BURLINGTON CITY ON	SPL

Ref NO: 215019
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: UNKNOWN
Incident Dt:
Incident Reason:: UNKNOWN
Incident Summary:: PETRO-CANADA STATION, GAS-OLINE IN BORE HOLE, INVESTIGATING FURTHER
MOE Reported Dt: 10/30/2001
Environmental Impact:: Confirmed
Nature of Impact:: Soil contamination
Receiving Medium:: Land
SAC Action Class:
Sector Source Type:
Site Municipality: 14101

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
9	1 of 1	E/36.2	88.9	DRT Products Inc. 2434 New St Burlington ON L7R 1J6	SCT

Established: 01-AUG-94
Plant Size (ft²): 2500
Employment:

--Details--

Description: Other Men's and Boys' Cut and Sew Clothing Manufacturing
SIC/NAICS Code: 315229

Description: Graphic Design Services
SIC/NAICS Code: 541430

Description: Other Women's and Girls' Cut and Sew Clothing Manufacturing
SIC/NAICS Code: 315239

Description: Other Printing
SIC/NAICS Code: 323119

Description: All Other Textile Product Mills
SIC/NAICS Code: 314990

Description: All Other Miscellaneous Manufacturing
SIC/NAICS Code: 339990

Description: Stationery Product Manufacturing
SIC/NAICS Code: 322230

Description: Commercial Screen Printing
SIC/NAICS Code: 323113

Description: Graphic Design Services
SIC/NAICS Code: 541430

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10 ***1 of 1*** ***NNE/36.4*** ***89.8*** ***Burlington ON*** ***WWIS***

Well ID: 7167752
Construction Date::
Primary Water Use:: Monitoring
Sec. Water Use::
Final Well Status:: Observation Wells
Specific Capacity::
Municipality: BURLINGTON CITY
County: HALTON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
-- --
Bore Hole ID: 1003555093
DP2BR:
Code OB:
Code OB Description:
Open Hole:
Date Completed: 09-JUN-11
Remarks:
Zone: 17
East 83: 598352
North 83: 4799116
UTMRC: 3
UTMRC Description: margin of error : 10 - 30 m
Location Method: wwr
Org CS: UTM83
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:

Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1003959503
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	GRAVEL
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	.6
Formation End Depth UOM:	m
--	--
Formation ID:	1003959504
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	
Other Materials:	SOFT
Formation Top Depth:	.6
Formation End Depth:	1.5
Formation End Depth UOM:	m
--	--
Formation ID:	1003959505
Layer:	3
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	SILT
Other Materials:	SOFT
Formation Top Depth:	1.5
Formation End Depth:	4.5
Formation End Depth UOM:	m
--	--
Formation ID:	1003959506
Layer:	4
General Color:	BROWN
Most Common Material:	SHALE
Other Materials:	SILT
Other Materials:	HARD
Formation Top Depth:	4.5
Formation End Depth:	7.6
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1003959513
Layer:	1
Plug From:	0
Plug To:	.3
Plug Depth UOM:	m
--	--
Plug ID:	1003959514
Layer:	2
Plug From:	.3
Plug To:	5.8
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1003959512
Method Construction Code:	6

Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1003959502
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1003959509
Layer:	1
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:	1003959510
Layer:	1
Slot:	20
Screen Top Depth:	6
Screen End Depth:	7.6
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4
--	--
Water Details	
--	--
Water ID:	1003959508
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	3
Water Found Depth UOM:	m
--	--
Hole Diameter	
--	--
Hole ID:	1003959507
Diameter:	21
Depth From:	0
Depth To:	7.6
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
11	1 of 9	NE/47.4	89.8	***1491222 ONTARIO LTD O/A PETRO CANADA*** ***458 GUELPH LINE*** ***BURLINGTON ON L7R 3L9***	EXP

Instance ID:	
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	10/3/1989
Instance Number:	11318693
Instance Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Status:		EXPIRED			
Description:		FS Gasoline Station - Self Serve			

11	2 of 9	NE/47.4	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP

Instance ID:	
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	10/3/1989
Instance Number:	11318637
Instance Type:	FS Liquid Fuel Tank
Status:	EXPIRED
Description:	FS Gasoline Station - Self Serve

11	3 of 9	NE/47.4	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP

Instance ID:	
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	10/3/1989
Instance Number:	11318662
Instance Type:	FS Liquid Fuel Tank
Status:	EXPIRED
Description:	FS Gasoline Station - Self Serve

11	4 of 9	NE/47.4	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP

Instance ID:	
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	10/3/1989
Instance Number:	11318679
Instance Type:	FS Liquid Fuel Tank
Status:	EXPIRED
Description:	FS Gasoline Station - Self Serve

11	5 of 9	NE/47.4	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP

Instance ID:	
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	10/3/1989
Instance Number:	11194555
Instance Type:	FS Liquid Fuel Tank
Status:	EXPIRED
Description:	FS Gasoline Station - Self Serve

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
11	6 of 9	NE/47.4	89.8	SUNCOR ENERGY PRODUCTS PARTNERSHIP 458 GUELPH LINE BURLINGTON ON L7R 3L9	FST

Instance Number:	11665622
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Diesel
Status:	Active
Capacity:	50000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Double Wall UST
Install Year:	2002
Parent Facility Type:	FS Gasoline Station - Self Serve
Facility Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
11	7 of 9	NE/47.4	89.8	SUNCOR ENERGY PRODUCTS PARTNERSHIP 458 GUELPH LINE BURLINGTON ON L7R 3L9	FST

Instance Number:	11648127
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	50000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Double Wall UST
Install Year:	2002
Parent Facility Type:	FS Gasoline Station - Self Serve
Facility Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
11	8 of 9	NE/47.4	89.8	SUNCOR ENERGY PRODUCTS PARTNERSHIP 458 GUELPH LINE BURLINGTON ON L7R 3L9	FST

Instance Number:	11665611
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	50000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Double Wall UST
Install Year:	2002
Parent Facility Type:	FS Gasoline Station - Self Serve
Facility Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
11	9 of 9	NE/47.4	89.8	PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R3L9	RST

Code:	01186800
Facility:	SERVICE STATIONS GASOLINE OIL & NATURAL
Description:	
List Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
12	1 of 1	N/51.3	89.8	BURLINGTON ON	WWIS

Well ID:	7042758	**Lot:**	
Construction Date::		**Concession:**	
Primary Water Use::		**Concession Name:**	
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Observation Wells	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	11765290
DP2BR:	17
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	05-FEB-07
Remarks:	
Zone:	17
East 83:	598328
North 83:	4799145
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	90.12
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	933098009
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	LOOSE
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	5.3
Formation End Depth UOM:	m
--	--
Formation ID:	933098010
Layer:	2
General Color:	RED
Most Common Material:	SHALE
Other Materials:	HARD
Other Materials:	
Formation Top Depth:	5.3
Formation End Depth:	12.1
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	

--	--
Plug ID:	933317345
Layer:	1
Plug From:	0
Plug To:	9.9
Plug Depth UOM:	m
--	--
Plug ID:	933317346
Layer:	2
Plug From:	9.9
Plug To:	12.1
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	967042758
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11772980
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930898190
Layer:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	.26
Casing Diameter:	15
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
Casing ID:	930898191
Layer:	2
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	10.6
Casing Diameter:	3.4
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	933424014
Layer:	1
Slot:	10
Screen Top Depth:	10.6
Screen End Depth:	12.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.2
--	--
Water Details	
--	--
Water ID:	934085388
Layer:	1
Kind Code:	1

Kind:	FRESH
Water Found Depth:	2.3
Water Found Depth UOM:	m
--	--
Hole Diameter	
--	--
Hole ID:	11851542
Diameter:	20
Depth From:	0
Depth To:	12.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

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13 ***1 of 1*** ***NNE/51.3*** ***89.8*** ***Burlington ON*** ***WWIS***

Well ID:	7144743	***Lot:***	
Construction Date::		***Concession:***	
Primary Water Use::	Test Hole	***Concession Name:***	
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Test Hole	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	BURLINGTON CITY	***UTM Reliability::***	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	1002978934
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	27-JAN-10
Remarks:	
Zone:	17
East 83:	598362
North 83:	4799127
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	90.07
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1003158621
Layer:	1
General Color:	RED
Most Common Material:	SAND
Other Materials:	
Other Materials:	OTHER
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

--	--
Formation ID:	1003158622
Layer:	2
General Color:	RED
Most Common Material:	SAND
Other Materials:	SILTY
Other Materials:	WATER-BEARING
Formation Top Depth:	8
Formation End Depth:	15
Formation End Depth UOM:	ft
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1003158624
Layer:	1
Plug From:	15
Plug To:	4
Plug Depth UOM:	ft
--	--
Plug ID:	1003158625
Layer:	2
Plug From:	4
Plug To:	1
Plug Depth UOM:	ft
--	--
Plug ID:	1003158626
Layer:	3
Plug From:	1
Plug To:	0
Plug Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1003158631
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1003158620
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1003158628
Layer:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1003158629
Layer:	1
Slot:	10
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:	1003158623
Diameter:	4
Depth From:	15
Depth To:	0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
--	--

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14 | **1 of 1** | **E/51.3** | **88.8** | **2440 New Street Burlington ON L7R 1J6** | **EHS**

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20040601012
Addit. Info Ordered::	
Report Date:	6/1/04
Report Type:	Site Report
Search Radius (km):	0.25

---

15 | **1 of 1** | **SE/53.0** | **87.8** | **2418 NEW STREET, BURLINGTON ON** | **PINC**

Incident ID:	
Tank Status:	RC Established
Attribute Category:	FS-Perform P-line Inc Invest
Task Number:	6188782
Type:	FS-Pipeline Incident
Incident Number:	1875328
Status Code:	Pipeline Damage Reason Est
Summary:	2418 NEW STREET, BURLINGTON - PIPELINE HIT - 2"
Spills Action Centre::	
Reported By::	Claire Walker - UNION GAS
Affiliation::	
Method Details::	E-mail
Fuel Category::	Natural Gas
Fuel Occurrence Type::	
Date of Occurrence::	
Occurrence Start Date::	2016/05/31
Health Impact::	
Occurrence Desc::	
Environment Impact::	
Property Damage::	Yes
Service Interupt::	
Fuel Type::	
Enforce Policy::	No
Operation Type::	
Damage Reason::	Deteriorated facility
Public Relation::	
Pipeline System::	
Pipeline Type::	
Depth::	
Pipe Material::	

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

Regualtor Location::
PSIG::
Regulator Type::
Notes::

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16 ***1 of 1*** ***NNE/53.6*** ***89.8*** ***DRSSL LIMITED*** ***GEN***
466 Guelph Line
Burlington ON L7R3L9

PO Box Num:	
Status:	Registered
Country:	Canada
Generator #:	ON8127512
Approval Yrs::	As of Sep 2016
SIC Code:	
SIC Description:	

--Details--

Waste Code:	241 L
Waste Description:	Halogenated solvents and residues

---

17 ***1 of 1*** ***NNE/55.9*** ***89.8*** ***BURLINGTON ON*** ***WWIS***

Well ID:	7101471	***Lot:***	
Construction Date::		***Concession:***	
Primary Water Use::	Monitoring	***Concession Name:***	
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Observation Wells	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	BURLINGTON CITY	***UTM Reliability::***	
County:	HALTON		

Bore Hole Information

--	--
Bore Hole ID:	1001484723
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	14-DEC-07
Remarks:	
Zone:	17
East 83:	598362
North 83:	4799133
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	90.1
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock Materials Interval

--	--
Formation ID:	1001539216
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	SILT
Other Materials:	MEDIUM-GRAINED
Formation Top Depth:	0
Formation End Depth:	1.8
Formation End Depth UOM:	m
--	--
Formation ID:	1001539217
Layer:	2
General Color:	BLUE
Most Common Material:	SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	1.8
Formation End Depth:	5.1
Formation End Depth UOM:	m
--	--
Formation ID:	1001539218
Layer:	3
General Color:	RED
Most Common Material:	SHALE
Other Materials:	SAND
Other Materials:	GRAVEL
Formation Top Depth:	5.1
Formation End Depth:	7.6
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1001539220
Layer:	1
Plug From:	.15
Plug To:	5.9
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1001539225
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1001539214
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1001539222
Layer:	
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	6.1
Casing Diameter:	.05
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1001539223			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		1001539215			
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:		N			
--		--			
Hole Diameter					
--		--			
Hole ID:		1001539219			
Diameter:		20.6			
Depth From:					
Depth To:		7.6			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			
18	1 of 16	N/64.6	89.8	480 Guelph Line Burlington ON L7R 3M1	EHS
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20050429011w			
Addit. Info Ordered::					
Report Date:		4/29/2005 1:08:31 PM			
Report Type:					
Search Radius (km):		0.25			
18	2 of 16	N/64.6	89.8	480 Guelph Line Burlington ON L7R 3M1	EHS
Postal Code:					
City:					
Address2:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Address1:					
Provstate:					
Order No.:		20050429012			
Addit. Info Ordered::		Fire Insur. Maps and/or Site Plans			
Report Date:		5/3/2005			
Report Type:					
Search Radius (km):		0.25			

18	***3 of 16***	***N/64.6***	***89.8***	***480 Guelph Line Burlington ON L7R 3M1***	***EHS***
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20110203051			
Addit. Info Ordered::					
Report Date:		2/4/2011			
Report Type:		Standard Report			
Search Radius (km):		0.25			

18	***4 of 16***	***N/64.6***	***89.8***	***Parker's Cleaners (480 Guelph Line Burlington ON L7R 3M1***	***GEN***
PO Box Num:					
Status:					
Country:					
Generator #:		ON0311300			
Approval Yrs::		04,05,06,07,08			
SIC Code:		812320			
SIC Description:		Dry Cleaning and Laundry Services (except Coin-Operated)			
--Details--					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			

18	***5 of 16***	***N/64.6***	***89.8***	***Parker's Cleaners (480 Guelph Line Burlington ON L7R 3M1***	***GEN***
PO Box Num:					
Status:					
Country:					
Generator #:		ON0311300			
Approval Yrs::		2010			
SIC Code:		812320			
SIC Description:		Dry Cleaning and Laundry Services (except Coin-Operated)			
--Details--					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			

18	***6 of 16***	***N/64.6***	***89.8***	***Parker's Cleaners (Burlington) Ltd. 480 Guelph Line Burlington ON L7R 3M1***	***GEN***

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

PO Box Num:
Status:
Country:
Generator #: ON0311300
Approval Yrs:: 2012
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)

--Details--
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

18	*7 of 16*	*N/64.6*	*89.8*	***JAMES H PARKER LTD*** ***(PARKERS CLEANERS) 480 GULEPH LINE*** ***BURLINGTON ON L7R 3M1***	***GEN***

PO Box Num:
Status:
Country:
Generator #: ON0311300
Approval Yrs:: 86,87,88,89,90
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS

--Details--
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

18	*8 of 16*	*N/64.6*	*89.8*	***PARKERS (ON0311300/SEE&USE JAMES H PARK)*** ***480 GUELPH LINE*** ***BURLINGTON ON L7R 3M1***	***GEN***

PO Box Num:
Status:
Country:
Generator #: ON0208904
Approval Yrs:: 92,93
SIC Code: 0009
SIC Description: *** ERROR RECORD ***

18	*9 of 16*	*N/64.6*	*89.8*	***Parker's Cleaners (Burlington) Ltd.*** ***480 Guelph Line*** ***Burlington ON L7R 3M1***	***GEN***

PO Box Num:
Status:
Country:
Generator #: ON0311300
Approval Yrs:: 2011
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)

--Details--
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
18	10 of 16	N/64.6	89.8	JAMES H. PARKER LTD. 480 GUELPH LINE BURLINGTON ON L7R 3M1	GEN

PO Box Num:
Status:
Country:
Generator #: ON0311300
Approval Yrs:: 92,93,95,96,97
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER

--Details--
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
18	11 of 16	N/64.6	89.8	Parker Cleaners 480 Guelph Line Burlington ON	GEN

PO Box Num:
Status:
Country:
Generator #: ON8741921
Approval Yrs:: 03,04
SIC Code:
SIC Description:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
18	12 of 16	N/64.6	89.8	JAMES H PARKER LTD 22-016 (PARKERS CLEANERS) 480 GULEPH LINE BURLINGTON ON L7R 3M1	GEN

PO Box Num:
Status:
Country:
Generator #: ON0311300
Approval Yrs:: 94
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER

--Details--
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
18	13 of 16	N/64.6	89.8	Parker's Cleaners (Burlington) Ltd. 480 Guelph Line Burlington ON L7R 3M1	GEN

PO Box Num:
Status:
Country:
Generator #: ON0311300
Approval Yrs:: As of May 2015
SIC Code:
SIC Description:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--Details--					
Waste Code:		241			
Waste Description:		Halogenated solvents and residues			
18	***14 of 16***	***N/64.6***	***89.8***	***Parker's Cleaners 480 Guelph Line Burlington ON L7R 3M1***	***GEN***
PO Box Num:					
Status:					
Country:					
Generator #:		ON0311300			
Approval Yrs::		02,03			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
18	***15 of 16***	***N/64.6***	***89.8***	***Parker's Cleaners (480 Guelph Line Burlington ON L7R 3M1***	***GEN***
PO Box Num:					
Status:					
Country:					
Generator #:		ON0311300			
Approval Yrs::		2009			
SIC Code:		812320			
SIC Description:		Dry Cleaning and Laundry Services (except Coin-Operated)			
--Details--					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
18	***16 of 16***	***N/64.6***	***89.8***	***JAMES H. PARKER LIMITED 480 GUELPH LINE BURLINGTON ON L7R 3M1***	***GEN***
PO Box Num:					
Status:					
Country:					
Generator #:		ON0311300			
Approval Yrs::		98,99,00,01			
SIC Code:		9721			
SIC Description:		POWER LAUND./CLEANERS			
--Details--					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
19	***1 of 2***	***N/69.8***	***89.8***	***Parker's Cleaners (Burlington) Ltd. 480 Guelph Line Burlington ON L7R 3M1***	***GEN***

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

PO Box Num:
Status: Registered
Country: Canada
Generator #: ON0311300
Approval Yrs:: As of Sep 2016
SIC Code:
SIC Description:

--Details--
Waste Code: 241 H
Waste Description: Halogenated solvents and residues

19	2 of 2	N/69.8	89.8	**Parker's Cleaners (Burlington) Ltd.** **480 Guelph Line** **Burlington ON**	GEN

PO Box Num:
Status:
Country:
Generator #: ON0311300
Approval Yrs:: 2013
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

--Details--
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

20	1 of 1	E/70.6	88.8	**PRINT THREE** **2442 NEW ST** **BURLINGTON ON L7R 1J6**	SCT

Established: 1986
Plant Size (ft²): 1300
Employment: 3

--Details--
Description: COMMERCIAL PRINTING, LITHOGRAPHIC
SIC/NAICS Code: 2752

Description: COMMERCIAL PRINTING, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 2759

21	1 of 1	N/76.3	89.8	**lot 16 con 3** **ON**	WWIS

Well ID: 7227680
Construction Date::
Primary Water Use::
Sec. Water Use::
Final Well Status::
Specific Capacity::
Municipality: BURLINGTON CITY
County: HALTON

Lot: 016
Concession: 03
Concession Name: DS S
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
-- --
Bore Hole ID: 1005128773

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

DP2BR:
Code OB:
Code OB Description:
Open Hole:
Date Completed: 12-SEP-14
Remarks:
Zone: 17
East 83: 598313
North 83: 4799170
UTMRC: 4
UTMRC Description: margin of error : 30 m - 100 m
Location Method: wwr
Org CS: UTM83
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:
-- --
-- --

22	*1 of 1*	*NW/76.4*	*89.8*	***JAN GELDERMAN LANDSCAPING LTD.*** ***491 KAREN DRIVE*** ***BURLINGTON ON L7R 3J2***	***PES***

Detail Licence No.:
Licence Type: Operator

23	*1 of 1*	*N/94.8*	*89.8*	***BURLINGTON ON***	***WWIS***

Well ID: 7162724
Construction Date::
Primary Water Use:: Monitoring and Test Hole
Sec. Water Use::
Final Well Status:: Monitoring and Test Hole
Specific Capacity::
Municipality: BURLINGTON CITY
County: HALTON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
-- --
Bore Hole ID: 1003505708
DP2BR:
Code OB:
Code OB Description:
Open Hole:
Date Completed: 07-APR-11
Remarks:
Zone: 17
East 83: 598308
North 83: 4799188
UTMRC: 3
UTMRC Description: margin of error : 10 - 30 m
Location Method: wwr
Org CS: UTM83
Elevation:
Elevrc:
Elevrc Description:

Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1003808257
Layer:	1
General Color:	WHITE
Most Common Material:	OTHER
Other Materials:	
Other Materials:	HARD
Formation Top Depth:	0
Formation End Depth:	.2
Formation End Depth UOM:	m
--	--
Formation ID:	1003808258
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	
Other Materials:	SOFT
Formation Top Depth:	.2
Formation End Depth:	4.5
Formation End Depth UOM:	m
--	--
Formation ID:	1003808259
Layer:	3
General Color:	RED
Most Common Material:	SILT
Other Materials:	SHALE
Other Materials:	HARD
Formation Top Depth:	4.5
Formation End Depth:	4.8
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1003808268
Layer:	1
Plug From:	0
Plug To:	.31
Plug Depth UOM:	m
--	--
Plug ID:	1003808269
Layer:	2
Plug From:	.31
Plug To:	1.5
Plug Depth UOM:	m
--	--
Plug ID:	1003808270
Layer:	3
Plug From:	1.5
Plug To:	4.8
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1003808266
Method Construction Code:	D

Method Construction:	Direct Push
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1003808256
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1003808262
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.8
Casing Diameter:	4.02
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1003808263
Layer:	1
Slot:	10
Screen Top Depth:	1.8
Screen End Depth:	4.8
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82
--	--
Hole Diameter	
--	--
Hole ID:	1003808260
Diameter:	10.9
Depth From:	0
Depth To:	4.8
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

24 **1 of 1** **E/99.4** **88.8** **ON** **BORE**

Borehole ID:	624371	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	598485	**Northing::**	4799053
Location Accuracy::		**Orig. Ground Elev m::**	89.6
Elev. Reliability Note::		**DEM Ground Elev m::**	88.6
Total Depth m::	6.9	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	APR-1964	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218433461	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	SOIL.

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

Stratum ID:	218433462	**Top Depth(m):**	0.2
Bottom Depth(m):	4.7	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY,ROOTS. BROWN,AGE GLACIAL.
Stratum ID:	218433463	**Top Depth(m):**	4.7
Bottom Depth(m):	4.8	**Stratum Desc:**	SILT,SAND. BROWN,AGE GLACIAL.
Stratum ID:	218433464	**Top Depth(m):**	4.8
Bottom Depth(m):	6.9	**Stratum Desc:**	TILL,SILT,SAND,CLAY.BROWN,GLACIAL,DENSE, AGE GLACIAL. 00006027001530240015705100068DENSE

---

25 | **1 of 1** | **E/108.6** | **87.8** | **422 Guelph Line**
Burlington ON L7R 3L4 | **EHS**

Postal Code:	L7R 3L4
City:	Burlington
Address2:	
Address1:	422 Guelph Line
Provstate:	ON
Order No.:	20160815061
Addit. Info Ordered::	
Report Date:	19-AUG-16
Report Type:	Standard Report
Search Radius (km):	.25

---

26 | **1 of 1** | **NE/112.5** | **89.8** | **ESSO PETROLEUM CANADA 14-876**
457 GUELPH LINE & NEW ST., BURLINGTON
C/O 55 ST. CLAIR AVE. WEST
TORONTO ON M5W 2J8 | **GEN**

PO Box Num:	
Status:	
Country:	
Generator #:	ON1315720
Approval Yrs::	92,93,94,95,96,97,98
SIC Code:	6331
SIC Description:	GASOLINE SERV. ST.
--Details--	
Waste Code:	146
Waste Description:	OTHER SPECIFIED INORGANICS

---

27 | **1 of 2** | **SE/113.8** | **86.8** | **MARSALA INVESTMENTS**
2424 NEW ST
BURLINGTON ON L7R 1J6 | **GEN**

PO Box Num:	
Status:	
Country:	
Generator #:	ON3306371
Approval Yrs::	2011
SIC Code:	531310
SIC Description:	

---

27 | **2 of 2** | **SE/113.8** | **86.8** | **MARSALA INVESTMENTS**
2424 NEW ST
BURLINGTON ON L7R 1J6 | **GEN**

PO Box Num:
Status:
Country:
Generator #: ON3306371
Approval Yrs:: 2012
SIC Code: 531310
SIC Description: Real Estate Property Managers

---

28 | **1 of 1** | **NE/117.1** | **89.8** | **lot 15 con 3 BURLINGTON ON** | **WWIS**

Well ID: 2810048
Construction Date::
Primary Water Use::
Sec. Water Use::
Final Well Status:: Observation Wells
Specific Capacity::
Municipality: BURLINGTON CITY
County: HALTON

Lot: 015
Concession: 03
Concession Name: DS S
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
--
Bore Hole ID: 11174665
DP2BR: 20
Code OB: r
Code OB Description: Bedrock
Open Hole:
Date Completed: 19-AUG-04
Remarks:
Zone: 17
East 83: 598460
North 83: 4799130
UTMRC: 3
UTMRC Description: margin of error : 10 - 30 m
Location Method: wwr
Org CS: UTM83
Elevation: 89.96
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:
--
Overburden and Bedrock Materials Interval
--
Formation ID: 932974892
Layer: 1
General Color:
Most Common Material: SAND
Other Materials: GRAVEL
Other Materials:
Formation Top Depth: 0
Formation End Depth: .9
Formation End Depth UOM: m
--
Formation ID: 932974893
Layer: 2
General Color:
Most Common Material: SAND

Other Materials:	
Other Materials:	
Formation Top Depth:	.9
Formation End Depth:	5
Formation End Depth UOM:	m
--	--
Formation ID:	932974894
Layer:	3
General Color:	
Most Common Material:	CLAY
Other Materials:	TILL
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	6.2
Formation End Depth UOM:	m
--	--
Formation ID:	932974895
Layer:	4
General Color:	
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	6.2
Formation End Depth:	7.5
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	933255894
Layer:	1
Plug From:	0
Plug To:	.3
Plug Depth UOM:	m
--	--
Plug ID:	933255895
Layer:	2
Plug From:	.3
Plug To:	5.9
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962810048
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11183184
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930845973
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	5.9
Casing Diameter:	5
Casing Diameter UOM:	cm
Casing Depth UOM:	m

--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	933409567
Layer:	1
Slot:	10
Screen Top Depth:	5.9
Screen End Depth:	7.5
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.2
--	--
Water Details	
--	--
Water ID:	934052437
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	3.4
Water Found Depth UOM:	m
--	--
Hole Diameter	
--	--
Hole ID:	11308267
Diameter:	21
Depth From:	0
Depth To:	7.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

29 ***1 of 1*** ***N/123.2*** ***89.8*** ***BURLINGTON ON*** ***WWIS***

Well ID:	7162725	***Lot:***	
Construction Date::		***Concession:***	
Primary Water Use::	Monitoring and Test Hole	***Concession Name:***	
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Monitoring and Test Hole	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	BURLINGTON CITY	***UTM Reliability::***	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	1003505710
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	17-APR-11
Remarks:	
Zone:	17
East 83:	598312
North 83:	4799217
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	
Elevrc:	
Elevrc Description:	

Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1003808471
Layer:	1
General Color:	BLACK
Most Common Material:	OTHER
Other Materials:	
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	.1
Formation End Depth UOM:	m
--	--
Formation ID:	1003808472
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	
Other Materials:	SOFT
Formation Top Depth:	.1
Formation End Depth:	4.2
Formation End Depth UOM:	m
--	--
Formation ID:	1003808473
Layer:	3
General Color:	RED
Most Common Material:	SILT
Other Materials:	SHALE
Other Materials:	HARD
Formation Top Depth:	4.2
Formation End Depth:	4.5
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1003808482
Layer:	1
Plug From:	0
Plug To:	.31
Plug Depth UOM:	m
--	--
Plug ID:	1003808483
Layer:	2
Plug From:	.31
Plug To:	1.2
Plug Depth UOM:	m
--	--
Plug ID:	1003808484
Layer:	3
Plug From:	1.2
Plug To:	4.5
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1003808480
Method Construction Code:	D

Method Construction:	Direct Push
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1003808470
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1003808476
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.5
Casing Diameter:	4.02
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1003808477
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	4.5
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82
--	--
Hole Diameter	
--	--
Hole ID:	1003808474
Diameter:	10.9
Depth From:	0
Depth To:	4.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
30	*1 of 1*	*N/123.4*	*90.5*	***Laneway on the East End of the property of Roseland Plaza at 475- 55 Guelph Line AT 475-55 GUELPH LINE DINO'S PIZZA<UNOFFICIAL> Burlington ON***	*SPL*

Ref NO:	8034-6SWSUH
Contaminant Code:	16
Contaminant Name:	COOKING OIL
Contaminant Quantity:	202.5 L
Incident Cause::	Other Discharges
Incident Dt:	8/22/2006
Incident Reason::	Other - Reason not otherwise defined
Incident Summary::	Dino's Pizza: 202.5 L cooking oil to paved laneway, contd
MOE Reported Dt:	8/22/2006
Environmental Impact::	Possible
Nature of Impact::	Other Impact(s)
Receiving Medium::	Land
SAC Action Class:	
Sector Source Type:	Other
Site Municipality:	Burlington

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
31	1 of 1	S/123.5	86.8	2386 New St Burlington ON L7R1J7	EHS

Postal Code: L7R1J7
City: Burlington
Address2:
Address1: 2386 New St
Provstate: ON
Order No.: 20160603165
Addit. Info Ordered::
Report Date: 09-JUN-16
Report Type: Standard Report
Search Radius (km): .25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
32	1 of 1	ENE/129.0	89.6	ON	BORE

Borehole ID: 621883
Use: Geotechnical/Geological Investigation
Drill Method:: Power auger
Easting:: 598485
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 4.3
Township::
Lot::
Completion Date:: APR-1962
Primary Water Use:: Not Used
Type: Borehole
Status::
UTM Zone:: 17
Northing:: 4799123
Orig. Ground Elev m:: 89.9
DEM Ground Elev m:: 89.7
Primary Name::
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--

Stratum ID: 218423066
Bottom Depth(m): 0.1
Top Depth(m): 0.0
Stratum Desc: ASPHALT. MAN-MADE,AGE POST-GLACIAL.

Stratum ID: 218423067
Bottom Depth(m): 1.0
Top Depth(m): 0.1
Stratum Desc: FILL,SILT,GRAVEL, ORGANIC. BLACK,MAN-MADE,LOOSE,GRANULAR,AGE POST-GLACIAL.

Stratum ID: 218423068
Bottom Depth(m): 1.2
Top Depth(m): 1.0
Stratum Desc: SAND-FINE TO MEDIUM.BLACK,GRANULAR, AGE POST-GLACIAL.

Stratum ID: 218423069
Bottom Depth(m): 1.5
Top Depth(m): 1.2
Stratum Desc: SAND-FINE TO MEDIUM.BROWN,GRANULAR,AGE GLACIAL.

Stratum ID: 218423070
Bottom Depth(m): 2.4
Top Depth(m): 1.5
Stratum Desc: SAND-MEDIUM,SILT. BROWN,COMPACT,LAYERED, AGE GLACIAL.

Stratum ID: 218423071
Bottom Depth(m): 3.0
Top Depth(m): 2.4
Stratum Desc: SAND-MEDIUM,SILT. BROWN,COMPACT,LAYERED, AGE GLACIAL.

Stratum ID: 218423072
Bottom Depth(m): 4.3
Top Depth(m): 3.0
Stratum Desc: SAND-MEDIUM,SILT. BROWN,COMPACT,LAYERED, AGE GLACIAL.

00003003000500140008002200100013000 58

33 1 of 1 E/130.5 87.9 ON WWIS

Well ID:	7047563	**Lot:**	
Construction Date::		**Concession:**	
Primary Water Use::		**Concession Name:**	
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Observation Wells	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information

--	--
Bore Hole ID:	23047563
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	30-APR-07
Remarks:	
Zone:	17
East 83:	598516
North 83:	4799027
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	88.12
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	30147563
Layer:	1
General Color:	BROWN
Most Common Material:	FILL
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	.9
Formation End Depth UOM:	m
--	--
Formation ID:	30247563
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	.9
Formation End Depth:	3.6
Formation End Depth UOM:	m
--	--
Formation ID:	30347563

Layer:	3
General Color:	RED
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	3.6
Formation End Depth:	4.5
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	44002675
Layer:	1
Plug From:	0
Plug To:	.3
Plug Depth UOM:	m
--	--
Plug ID:	44002676
Layer:	2
Plug From:	.3
Plug To:	1.5
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	25947563
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	29047563
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	42147563
Layer:	1
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:	43147563
Layer:	1
Slot:	20
Screen Top Depth:	1.5
Screen End Depth:	4.5
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4
--	--
Hole Diameter	
--	--
Hole ID:	46001789

Diameter:	21
Depth From:	0
Depth To:	4.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

34 **1 of 1** **ENE/130.7** **88.9** **BURLINGTON ON** **WWIS**

Well ID:	2810404	**Lot:**	
Construction Date::		**Concession:**	
Primary Water Use::	Not Used	**Concession Name:**	
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Observation Wells	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	BURLINGTON CITY	**UTM Reliability::**	
County:	HALTON		

Bore Hole Information

--	--
Bore Hole ID:	11319359
DP2BR:	15
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	04-JUL-05
Remarks:	
Zone:	17
East 83:	598499
North 83:	4799105
UTMRC:	
UTMRC Description:	
Location Method:	wwr
Org CS:	UTM83
Elevation:	89.36
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	933007721
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	SILT
Other Materials:	DENSE
Formation Top Depth:	0
Formation End Depth:	4.5
Formation End Depth UOM:	m
--	--
Formation ID:	933007722
Layer:	2
General Color:	RED
Most Common Material:	SHALE
Other Materials:	LIMESTONE
Other Materials:	DENSE

Formation Top Depth:	4.5
Formation End Depth:	6
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	933280255
Layer:	1
Plug From:	1.2
Plug To:	.3
Plug Depth UOM:	m
--	--
Plug ID:	933280254
Layer:	2
Plug From:	.3
Plug To:	0
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	962810404
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11334214
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930860361
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.5
Casing Diameter:	5
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	933415339
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	6
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4
--	--
Hole Diameter	
--	--
Hole ID:	11537950
Diameter:	15
Depth From:	0
Depth To:	6
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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

35 *1 of 3* *ENE/132.4* *88.8* ***1057700 Ontario Incorporated*** ***433 Guelph Line Ste. 1*** ***Burlington ON L7R 3L7*** ***GEN***

PO Box Num:
Status:
Country:
Generator #: ON3201528
Approval Yrs:: 2012
SIC Code: 621110
SIC Description: Offices of Physicians

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

35 *2 of 3* *ENE/132.4* *88.8* ***1057700 Ontario Incorporated*** ***433 Guelph Line Ste. 1*** ***Burlington ON L7R 3L7*** ***GEN***

PO Box Num:
Status:
Country:
Generator #: ON3201528
Approval Yrs:: 2011
SIC Code: 621110
SIC Description: Offices of Physicians

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

35 *3 of 3* *ENE/132.4* *88.8* ***1057700 Ontario Incorporated*** ***433 Guelph Line Ste. 1*** ***Burlington ON L7R 3L7*** ***GEN***

PO Box Num:
Status:
Country:
Generator #: ON3201528
Approval Yrs:: 2010
SIC Code: 621110
SIC Description: Offices of Physicians

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

36 *1 of 7* *NE/138.9* *89.8* ***3001 New Street*** ***Burlington ON*** ***EHS***

Postal Code:
City: Burlington
Address2:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Address1:		3001 New Street			
Provstate:		ON			
Order No.:		20160519044			
Addit. Info Ordered::		Aerial Photos			
Report Date:		20-MAY-16			
Report Type:		Standard Report			
Search Radius (km):		.25			

36	2 of 7	NE/138.9	89.8	BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3	GEN

PO Box Num:	
Status:	
Country:	
Generator #:	ON4889097
Approval Yrs::	As of May 2015
SIC Code:	
SIC Description:	
--Details--	
Waste Code:	312
Waste Description:	Pathological wastes

36	3 of 7	NE/138.9	89.8	BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3	GEN

PO Box Num:	
Status:	
Country:	
Generator #:	ON4889097
Approval Yrs::	2011
SIC Code:	541940
SIC Description:	Veterinary Services
--Details--	
Waste Code:	312
Waste Description:	PATHOLOGICAL WASTES

36	4 of 7	NE/138.9	89.8	BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3	GEN

PO Box Num:	
Status:	
Country:	
Generator #:	ON4889097
Approval Yrs::	02,03,04,05,06,07,08
SIC Code:	
SIC Description:	
--Details--	
Waste Code:	312
Waste Description:	PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
36	5 of 7	NE/138.9	89.8	BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3	GEN

PO Box Num:
Status:
Country:
Generator #: ON4889097
Approval Yrs:: 2009
SIC Code: 541940
SIC Description: Veterinary Services

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
36	6 of 7	NE/138.9	89.8	BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3	GEN

PO Box Num:
Status:
Country:
Generator #: ON4889097
Approval Yrs:: 2012
SIC Code: 541940
SIC Description: Veterinary Services

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
36	7 of 7	NE/138.9	89.8	BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3	GEN

PO Box Num:
Status:
Country:
Generator #: ON4889097
Approval Yrs:: 2010
SIC Code: 541940
SIC Description: Veterinary Services

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
37	1 of 1	NE/140.8	89.8	BIRLINGTON ON	WWIS

Well ID: 7035370
Construction Date::
Primary Water Use::
Sec. Water Use::
Final Well Status::
Specific Capacity::
Municipality: BURLINGTON CITY
Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

County:	HALTON
Bore Hole Information	
--	--
Bore Hole ID:	11760820
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	21-JUL-06
Remarks:	
Zone:	17
East 83:	598439
North 83:	4799179
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	90.27
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	933084792
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	GRAVEL
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	2.44
Formation End Depth UOM:	m
--	--
Formation ID:	933084793
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	SILT
Other Materials:	
Formation Top Depth:	2.44
Formation End Depth:	3.66
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	933309807
Layer:	1
Plug From:	0
Plug To:	.3
Plug Depth UOM:	m
--	--
Plug ID:	933309808
Layer:	2
Plug From:	.3
Plug To:	1.5
Plug Depth UOM:	m
--	--

Plug ID:	933309809
Layer:	3
Plug From:	1.5
Plug To:	3.66
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	967035370
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11768510
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930893049
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.13
Casing Diameter:	3.81
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	933422109
Layer:	1
Slot:	10
Screen Top Depth:	2.13
Screen End Depth:	3.66
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.06
--	--
Hole Diameter	
--	--
Hole ID:	11846725
Diameter:	8.89
Depth From:	0
Depth To:	3.66
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

38	***1 of 2***	***NE/141.3***	***89.8***	***BAY CITIES ANIMAL HOSPITAL*** ***3001 NEW STREET*** ***BURLINGTON ON L7R 1K3***	***GEN***

PO Box Num:	
Status:	Registered
Country:	Canada
Generator #:	ON4889097
Approval Yrs::	As of Sep 2016

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Code:					
SIC Description:					
--Details--					
Waste Code:	312 P				
Waste Description:	Pathological wastes				
38	2 of 2	NE/141.3	89.8	**BAY CITIES ANIMAL HOSPITAL** **3001 NEW STREET** **BURLINGTON ON**	GEN
PO Box Num:					
Status:					
Country:					
Generator #:	ON4889097				
Approval Yrs::	2013				
SIC Code:	541940				
SIC Description:	VETERINARY SERVICES				
--Details--					
Waste Code:	312				
Waste Description:	PATHOLOGICAL WASTES				
39	1 of 1	NNE/150.0	90.8	**Dr. David Robertson** **3009 New Street, Roseland Plaza** **Burlington ON L7R1K3**	GEN
PO Box Num:					
Status:	Registered				
Country:	Canada				
Generator #:	ON9253508				
Approval Yrs::	As of Sep 2016				
SIC Code:					
SIC Description:					
--Details--					
Waste Code:	241 L				
Waste Description:	Halogenated solvents and residues				
40	1 of 3	N/173.0	90.8	**489 Guelph Line** **Burlington ON L7R3M2**	EHS
Postal Code:	L7R3M2				
City:	Burlington				
Address2:					
Address1:	489 Guelph Line				
Provstate:	ON				
Order No.:	20150923045				
Addit. Info Ordered::	City Directory				
Report Date:	30-SEP-15				
Report Type:	Standard Report				
Search Radius (km):	.25				
40	2 of 3	N/173.0	90.8	**Burlington Camera Inc.** **489 Guelph Line** **Burlington ON L7R3M2**	GEN

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

PO Box Num:
Status: Registered
Country: Canada
Generator #: ON6764936
Approval Yrs:: As of Sep 2016
SIC Code:
SIC Description:

--Details--
Waste Code: 264 U
Waste Description: Photoprocessing wastes

---

40 | ***3 of 3*** | ***N/173.0*** | ***90.8*** | ***Burlington Camera Inc.***
489 Guelph Line
Burlington ON | ***GEN***

PO Box Num:
Status:
Country:
Generator #: ON6764936
Approval Yrs:: 2013
SIC Code: 323115
SIC Description: DIGITAL PRINTING

--Details--
Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

---

41 | ***1 of 2*** | ***N/177.0*** | ***90.8*** | ***Burlington Camera Inc.***
489 Guelph Line
Burlington ON | ***GEN***

PO Box Num:
Status:
Country:
Generator #: ON6764936
Approval Yrs:: As of May 2015
SIC Code:
SIC Description:

--Details--
Waste Code: 264
Waste Description: Photoprocessing wastes

---

41 | ***2 of 2*** | ***N/177.0*** | ***90.8*** | ***Burlington Camera Inc.***
489 Guelph Line
Burlington ON | ***GEN***

PO Box Num:
Status:
Country:
Generator #: ON6764936
Approval Yrs:: 2012
SIC Code: 323115
SIC Description: Digital Printing

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

42 **1 of 1** **NNW/177.9** **89.8** **ON** **BORE**

Borehole ID:	625775	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	598265	**Northing::**	4799263
Location Accuracy::		**Orig. Ground Elev m::**	91.4
Elev. Reliability Note::		**DEM Ground Elev m::**	90.8
Total Depth m::	4.9	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1972	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218437861	**Top Depth(m):**	0.0
Bottom Depth(m):	4.4	**Stratum Desc:**	SAND-MEDIUM,GRAVEL. BROWN,LOOSE,AGE QUATERNARY.
Stratum ID:	218437862	**Top Depth(m):**	4.4
Bottom Depth(m):	4.9	**Stratum Desc:**	TILL,SILT,CLAY,SHALEGREEN,DENSE,AGE QUATERNARY. 015 015 000000050014506000

43 **1 of 1** **NW/180.4** **89.8** **2422 EDITH AVE, BURLINGTON ON** **PINC**

Incident ID:	
Tank Status:	RC Established
Attribute Category:	FS-Perform P-line Inc Invest
Task Number:	5130484
Type:	FS-Pipeline Incident
Incident Number:	1453982
Status Code:	Pipeline Damage Reason Est
Summary:	2422 EDITH AVE, BURLINGTON - PIPELINE HIT - 1/2"
Spills Action Centre::	
Reported By::	John Blakely - Union Gas
Affiliation::	
Method Details::	E-mail
Fuel Category::	Natural Gas
Fuel Occurrence Type::	
Date of Occurrence::	
Occurrence Start Date::	2014/08/07
Health Impact::	
Occurrence Desc::	
Environment Impact::	
Property Damage::	Yes
Service Interupt::	
Fuel Type::	
Enforce Policy::	Yes
Operation Type::	
Damage Reason::	No notification made to the one call center
Public Relation::	
Pipeline System::	
Pipeline Type::	
Depth::	
Pipe Material::	
Regualtor Location::	
PSIG::	
Regulator Type::	
Notes::	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
44	1 of 1	E/181.2	87.1	Print Three Inc. 409 Guelph Line Burlington ON L7R 3L7	SCT

Established: 01-JUL-86
Plant Size (ft²): 1650
Employment:

--Details--
Description: Other Printing
SIC/NAICS Code: 323119

Description: Digital Printing
SIC/NAICS Code: 323115

Description: Quick Printing
SIC/NAICS Code: 323114

Description: Other Printing
SIC/NAICS Code: 323119

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
45	1 of 2	ESE/186.5	86.1	Betty Wheeler 390 Guelph Line Burlington ON L7R 3L4	GEN

PO Box Num:
Status:
Country:
Generator #: ON8222205
Approval Yrs:: 02,03,04
SIC Code:
SIC Description:

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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
45	2 of 2	ESE/186.5	86.1	Children's Education Funds Inc. 390 Guelph Line Burlington ON	GEN

PO Box Num:
Status:
Country:
Generator #: ON8328971
Approval Yrs:: 2012
SIC Code: 531111
SIC Description: Lessors of Residential Buildings and Dwellings (except Social Housing Projects)

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
46	1 of 7	E/206.0	87.9	WHISTLEWOOD LANDSCAPE SERVICES INC./FERN LEA HORTICU 3017 ST. CLAIR AVE., SUITE 278 BURLINGTON ON L7L 3P5	PES

Detail Licence No.:
Licence Type:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
46	2 of 7	E/206.0	87.9	FERNLEA OUTDOOR SERVICES INC 3017 ST. CLAIR AVE, SUITE 278 BURLINGTON ON L7N3P5	PES

Detail Licence No.:
Licence Type: Operator

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
46	3 of 7	E/206.0	87.9	Schaefer Graphics Inc. 3017 St. Clair Ave Suite 326 Burlington ON L7N 3P5	SCT

Established: 01-SEP-88
Plant Size (ft²):
Employment:

--Details--
Description: Other Printing
SIC/NAICS Code: 323119

Description: Digital Printing
SIC/NAICS Code: 323115

Description: Graphic Design Services
SIC/NAICS Code: 541430

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
46	4 of 7	E/206.0	87.9	Water Energy Technologies - 372-3017 St. Clair Ave Burlington ON L7N 3P5	SCT

Established: 01-AUG-91
Plant Size (ft²): 10000
Employment:

--Details--
Description: All Other Basic Inorganic Chemical Manufacturing
SIC/NAICS Code: 325189

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
46	5 of 7	E/206.0	87.9	Schaefer Graphics Inc. 3017 Saint Clair Ave Suite 326 Burlington ON L7N 3P5	SCT

Established: 1988
Plant Size (ft²):
Employment: 2

--Details--
Description: Quick Printing
SIC/NAICS Code: 323114

Description: Digital Printing
SIC/NAICS Code: 323115

Description: Other Printing
SIC/NAICS Code: 323119

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Description:		Pottery, Ceramics and Plumbing Fixture Manufacturing			
SIC/NAICS Code:		327110			

46	6 of 7	E/206.0	87.9	**943825 Ontario Limited** **3017 St. Clair Ave Suite 372** **Burlington ON L7N 3P5**	SCT

Established: 8/1/1991
Plant Size (ft²): 10000
Employment:

--Details--
Description: All Other Basic Inorganic Chemical Manufacturing
SIC/NAICS Code: 325189

46	7 of 7	E/206.0	87.9	**SCHAEFER GRAPHICS INC.** **3017 ST CLAIR AVE SUITE 326** **BURLINGTON ON L7N 3P5**	SCT

Established: 1988
Plant Size (ft²): 0
Employment: 2

--Details--
Description: COMMERCIAL PRINTING, LITHOGRAPHIC
SIC/NAICS Code: 2752

Description: COMMERCIAL PRINTING, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 2759

Description: POTTERY PRODUCTS, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3269

Description: Quick Printing
SIC/NAICS Code: 323114

Description: Digital Printing
SIC/NAICS Code: 323115

Description: Other Printing
SIC/NAICS Code: 323119

Description: Pottery, Ceramics and Plumbing Fixture Manufacturing
SIC/NAICS Code: 327110

47	1 of 4	NNE/206.8	90.8	**3023 New Street** **Burlington ON L7R 1K3**	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20091118012
Addit. Info Ordered::
Report Date: 11/24/2009
Report Type: Custom Report
Search Radius (km): 0.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
47	2 of 4	NNE/206.8	90.8	3023 New Street Burlington ON L7R 1K3	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20111020042
Addit. Info Ordered::
Report Date: 10/31/2011
Report Type: Custom Report
Search Radius (km): 0.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
47	3 of 4	NNE/206.8	90.8	SHOPPERS DRUG MART 3023 NEW STREET BURLINGTON ON	GEN

PO Box Num:
Status:
Country:
Generator #: ON3037079
Approval Yrs:: 2012
SIC Code: 541990
SIC Description: All Other Professional Scientific and Technical Services

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
47	4 of 4	NNE/206.8	90.8	SHOPPERS DRUG MART #0739 (ROSELAND PLAZA) 3023 NEW STREET BURLINGTON ON L7R 1K3	PES

Detail Licence No.:
Licence Type: Limited Vendor

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
48	1 of 2	NNE/209.4	90.8	David Pinkus Drugs (1999) Limited 3023 NEW ST Burlington ON L7R 1K3	GEN

PO Box Num:
Status: Registered
Country: Canada
Generator #: ON8815005
Approval Yrs:: As of Sep 2016
SIC Code:
SIC Description:

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

Waste Code: 261 A
Waste Description: Pharmaceuticals

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
48	2 of 2	NNE/209.4	90.8	David Pinkus Drugs (1999) Limited 3023 NEW ST Burlington ON	GEN

PO Box Num:
Status:
Country:
Generator #: ON8815005
Approval Yrs:: As of May 2015
SIC Code:
SIC Description:

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

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49 **1 of 1** **N/210.2** **90.8** **ON** **BORE**

Borehole ID: 621882
Use: Geotechnical/Geological Investigation
Drill Method:: Power auger
Easting:: 598295
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 4.6
Township::
Lot::
Completion Date:: APR-1962
Primary Water Use:: Not Used
Type: Borehole
Status::
UTM Zone:: 17
Northing:: 4799303
Orig. Ground Elev m:: 93.9
DEM Ground Elev m:: 91.4
Primary Name::
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--
Stratum ID: 218423061
Bottom Depth(m): 0.5
Top Depth(m): 0.0
Stratum Desc: SAND-FINE TO MEDIUM.GREEN,GRANULAR,AGE GLACIAL.

Stratum ID: 218423062
Bottom Depth(m): 1.8
Top Depth(m): 0.5
Stratum Desc: SAND-FINE TO MEDIUM.BROWN,VERY LOOSE,GRANULAR, AGE GLACIAL.

Stratum ID: 218423063
Bottom Depth(m): 2.1
Top Depth(m): 1.8
Stratum Desc: SAND-FINE TO MEDIUM,SILT. BROWN,VERY LOOSE,GRANULAR, AGE GLACIAL.

Stratum ID: 218423064
Bottom Depth(m): 3.0
Top Depth(m): 2.1
Stratum Desc: SAND-FINE TO MEDIUM,SILT. BROWN,LOOSE,LAYERED, AGE GLACIAL.

Stratum ID: 218423065
Bottom Depth(m): 4.6
Top Depth(m): 3.0
Stratum Desc: SAND-FINE TO MEDIUM,SILT. BROWN,COMPACT,GRANULAR, AGE GLACIAL.
00018003000600040007000700100015O

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50 **1 of 1** **NE/214.4** **89.8** **Burlington ON** **WWIS**

Well ID: 7138442
Construction Date::
Primary Water Use:: Monitoring and Test Hole
Sec. Water Use::
Final Well Status:: Monitoring and Test Hole
Specific Capacity::
Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::

Municipality:	BURLINGTON CITY	***UTM Reliability::***	
County:	HALTON		

Bore Hole Information	
--	--
Bore Hole ID:	1002925568
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	18-DEC-09
Remarks:	
Zone:	17
East 83:	598515
North 83:	4799211
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	89.99
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1003062512
Layer:	1
General Color:	BROWN
Most Common Material:	FILL
Other Materials:	GRAVEL
Other Materials:	SAND
Formation Top Depth:	0
Formation End Depth:	.6
Formation End Depth UOM:	m
--	--
Formation ID:	1003062513
Layer:	2
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	SILT
Other Materials:	SOFT
Formation Top Depth:	.6
Formation End Depth:	2.44
Formation End Depth UOM:	m
--	--
Formation ID:	1003062514
Layer:	3
General Color:	RED
Most Common Material:	SILT
Other Materials:	SAND
Other Materials:	SOFT
Formation Top Depth:	2.44
Formation End Depth:	4.57
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1003062516

Layer:	1
Plug From:	0
Plug To:	.3
Plug Depth UOM:	m
--	--
Plug ID:	1003062517
Layer:	2
Plug From:	.3
Plug To:	1.22
Plug Depth UOM:	m
--	--
Plug ID:	1003062518
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1003062524
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1003062511
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1003062520
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.5
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1003062521
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	4.57
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82
--	--
Hole Diameter	
--	--
Hole ID:	1003062515
Diameter:	8.25
Depth From:	0
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
51	1 of 1	SE/221.4	85.8	384 St. Paul Street Burlington ON L7R 3K4	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20111031044
Addit. Info Ordered::
Report Date: 11/9/2011
Report Type: Standard Report
Search Radius (km): 0.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
52	1 of 1	ENE/221.7	88.8	3030 New St Burlington ON L7N1M5	EHS

Postal Code: L7N1M5
City: Burlington
Address2:
Address1: 3030 New St
Provstate: ON
Order No.: 20160819004
Addit. Info Ordered:: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos
Report Date: 22-AUG-16
Report Type: Standard Report
Search Radius (km): .25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
53	1 of 4	N/221.8	90.8	511 Guelph Line Burlington ON L7R 3M3	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20020624003
Addit. Info Ordered:: Fire Insur. Maps and/or Site Plans and/or Inspection Reports
Report Date: 7/3/02
Report Type: Basic Report
Search Radius (km): 0.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
53	2 of 4	N/221.8	90.8	511 Guelph Line Burlington ON L7R 3M3	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20120614028
Addit. Info Ordered::
Report Date: 25-JUN-12
Report Type: Standard Report
Search Radius (km): .25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
53	3 of 4	N/221.8	90.8	511 & 640 GUELPH LINE BURLINGTON ON	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20090828003
Addit. Info Ordered::
Report Date: 9/8/2009
Report Type: Custom Report
Search Radius (km): 0.75

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
53	4 of 4	N/221.8	90.8	BURLINGTON HYDRO-ELECTRIC COMM 511 GUELPH LINE TRANSFORMER BURLINGTON CITY ON L7R 3M3	SPL

Ref NO: 135472
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: COOLING SYSTEM LEAK
Incident Dt: 12/19/1996
Incident Reason:: EQUIPMENT FAILURE
Incident Summary:: BURLINGTON HYDRO-150 L TRANSFORMER OIL(NON-PCB) TO GROUND.
MOE Reported Dt: 12/20/1996
Environmental Impact:: POSSIBLE
Nature of Impact:: Soil contamination
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 14101

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
54	1 of 1	E/231.3	86.8	ON	BORE

Borehole ID: 621884
Use: Geotechnical/Geological Investigation
Drill Method:: Power auger
Easting:: 598615
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 4
Township::
Lot::
Completion Date:: APR-1962
Primary Water Use:: Not Used

Type: Borehole
Status::
UTM Zone:: 17
Northing:: 4799003
Orig. Ground Elev m:: 88.4
DEM Ground Elev m:: 87.6
Primary Name::
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--

Stratum ID: 218423073
Bottom Depth(m): 0.2
Top Depth(m): 0.0
Stratum Desc: SOIL. BLACK.

Stratum ID: 218423074
Bottom Depth(m): 0.8
Top Depth(m): 0.2
Stratum Desc: SAND-FINE TO MEDIUM.BROWN,LOOSE,GRANULAR, AGE GLACIAL.

Stratum ID: 218423075
Bottom Depth(m): 1.2
Top Depth(m): 0.8
Stratum Desc: SAND-FINE TO MEDIUM,SILT. BROWN,LOOSE,GRANULAR, AGE GLACIAL.

Stratum ID:	218423076	**Top Depth(m):**	1.2
Bottom Depth(m):	1.7	**Stratum Desc:**	SAND-FINE TO MEDIUM,SILT. GREEN,LOOSE,GRANULAR, AGE GLACIAL.
Stratum ID:	218423077	**Top Depth(m):**	1.7
Bottom Depth(m):	2.9	**Stratum Desc:**	SAND-MEDIUM,SILT. BROWN,COMPACT,LAYERED, AGE GLACIAL.
Stratum ID:	218423078	**Top Depth(m):**	2.9
Bottom Depth(m):	3.6	**Stratum Desc:**	TILL,CLAY. BROWN,GLACIAL,HARD,UNIFORM, AGE GLACIAL.
Stratum ID:	218423079	**Top Depth(m):**	3.6
Bottom Depth(m):	3.7	**Stratum Desc:**	BOULDERS,LIMESTONE. GREEN.
Stratum ID:	218423080	**Top Depth(m):**	3.7
Bottom Depth(m):	4.0	**Stratum Desc:**	TILL,CLAY,SILT. BROWN,GLACIAL,UNIFORM, AGE GLACIAL. 00005006000250090004000600055018000940600004

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55 **1 of 6** **NE/239.6** **89.8** **451 Guelph Line**
Burlington ON L7R 3L8 **EHS**

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20110429034
Addit. Info Ordered::	
Report Date:	5/10/2011
Report Type:	Standard Report
Search Radius (km):	0.25

---

55 **2 of 6** **NE/239.6** **89.8** **STAR CLEANERS BURLINGTON LIMITED**
451 GUELPH LINE
BURLINGTON ON L7R 3L8 **GEN**

PO Box Num:	
Status:	
Country:	
Generator #:	ON0301900
Approval Yrs::	98,99,00,01,03,04,05
SIC Code:	9721
SIC Description:	POWER LAUND./CLEANERS

--Details--

Waste Code:	241
Waste Description:	HALOGENATED SOLVENTS

---

55 **3 of 6** **NE/239.6** **89.8** **STAR CLEANERS**
451 GUELPH LINE
BURLINGTON ON L7R 3L8 **GEN**

PO Box Num:	
Status:	
Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site		DB
Generator #:		ON0301900				
Approval Yrs::		92,93,97				
SIC Code:		9721				
SIC Description:		POWER LAUND./CLEANER				
--Details--						
Waste Code:		241				
Waste Description:		HALOGENATED SOLVENTS				
55	4 of 6	NE/239.6	89.8	STAR CLEANERS 451 GUELPH LINE BURLINGTON ON L7R 3L8	36-115	GEN
PO Box Num:						
Status:						
Country:						
Generator #:		ON0301900				
Approval Yrs::		94,95,96				
SIC Code:		9721				
SIC Description:		POWER LAUND./CLEANER				
--Details--						
Waste Code:		241				
Waste Description:		HALOGENATED SOLVENTS				
55	5 of 6	NE/239.6	89.8	STAR CLEANERS 451 GUELPH LINE BURLINGTON ON L7R 3L8		GEN
PO Box Num:						
Status:						
Country:						
Generator #:		ON0301900				
Approval Yrs::		86,87,88,89,90				
SIC Code:		9721				
SIC Description:		POWER LAUND./CLEANERS				
--Details--						
Waste Code:		241				
Waste Description:		HALOGENATED SOLVENTS				
55	6 of 6	NE/239.6	89.8	G2S Environmental Consulting Inc. 451 Guelph Line Burlington ON L7R 3L8		GEN
PO Box Num:						
Status:						
Country:						
Generator #:		ON9865152				
Approval Yrs::		2011				
SIC Code:		541620				
SIC Description:						
56	1 of 1	NE/240.3	89.8	Fracarsan Corporation 451 Guelph Line Burlington ON		GEN

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

PO Box Num:
Status:
Country:
Generator #: ON7039305
Approval Yrs:: 2013
SIC Code: 531310
SIC Description: REAL ESTATE PROPERTY MANAGERS

--Details--
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

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57 ***1 of 2*** ***NE/243.4*** ***89.8*** ***David Fielding Dentistry Prefessional*** ***GEN***
465 Guelph Line
Burlington ON

PO Box Num:
Status:
Country:
Generator #: ON7631071
Approval Yrs:: As of May 2015
SIC Code:
SIC Description:

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

---

57 ***2 of 2*** ***NE/243.4*** ***89.8*** ***David Fielding Dentistry Prefessional*** ***GEN***
465 Guelph Line
Burlington ON L7R 3L8

PO Box Num:
Status: Registered
Country: Canada
Generator #: ON7631071
Approval Yrs:: As of Sep 2016
SIC Code:
SIC Description:

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

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58 ***1 of 1*** ***NNE/248.3*** ***90.0*** ***Roseland Denture Clinic*** ***SCT***
3027 New St
Burlington ON L7R 1K3

Established: 01-JUL-78
Plant Size (ft²):
Employment:

--Details--
Description: Medical Equipment and Supplies Manufacturing
SIC/NAICS Code: 339110

Description: Offices of All Other Health Practitioners
SIC/NAICS Code: 621390

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59 *1 of 1* *N/250.0* *90.8* *ON* **BORE**

Borehole ID:	624822	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	598295	**Northing::**	4799343
Location Accuracy::		**Orig. Ground Elev m::**	94.5
Elev. Reliability Note::		**DEM Ground Elev m::**	91.7
Total Depth m::	6.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	OCT-1968	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218435554	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	SOIL,SAND. BLACK,MAN-MADE, AGE POST-GLACIAL.
Stratum ID:	218435555	**Top Depth(m):**	0.3
Bottom Depth(m):	1.8	**Stratum Desc:**	SAND-FINE TO MEDIUM,SILT. BROWN,LOOSE,AGE GLACIAL.
Stratum ID:	218435556	**Top Depth(m):**	1.8
Bottom Depth(m):	4.3	**Stratum Desc:**	SAND-FINE TO MEDIUM,SILT. BROWN,DENSE,AGE GLACIAL.
Stratum ID:	218435557	**Top Depth(m):**	4.3
Bottom Depth(m):	6.1	**Stratum Desc:**	TILL,SAND,SILT,CLAY.GREEN,GLACIAL,HARD, AGE GLACIAL. 0001000500060025001400900007 00

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60 *1 of 1* *NNW/254.6* *89.8*

Mattwood Construction Limited
540 GUELPH LINE, BURLINGTON, ON, L7R 3M4
Burlington ON L7R 3M4

RSC

Date Submitted:	18-Nov-05
Date Acknowledg.:	
Date Returned:	
Certification Date:	7-Sep-05
RSC Type:	
Soil Type:	
Restoration Type:	
Registration #::	2350
Stratified (Y/N)::	
Criteria::	
Consultant::	
District Office::	BURLINGTON
Intended Prop Use::	Residential
Current Property Use::	Commercial
Certificate Prop Use #::	No CPU
Applicable Standards::	Full Depth Site Conditions Standard, with Potable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use
Property Municipal Address::	540 GUELPH LINE, BURLINGTON, ON, L7R 3M4
Legal Description::	Part of Lot 16, Concession 3, SDS, Nelson Township, City of Burlington, Regional Municipality of Halton, Part 1 on Plan 20R-1796, Except Part 1 20R-8218
Prop. Identification #::	07068-0218 LT
Entire legal prop. (y/n)::	Yes

UTM Coordinates::	NAD83 17-598150-4799100
Latitude & Longitude::	43.33834170N 79.78916940W (converted from UTM)
Accuracy Estimate::	21 to 100 meters
Measurement Method::	Interpolation from a map
CPU Issued Sect 1686::	No

61 **1 of 1** **SW/255.3** **87.8** **ON** **BORE**

Borehole ID:	625773	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	598095	**Northing::**	4798863
Location Accuracy::		**Orig. Ground Elev m::**	92.1
Elev. Reliability Note::		**DEM Ground Elev m::**	88.6
Total Depth m::	7.7	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	AUG-1969	**Static Water Level::**	.4
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218437855	**Top Depth(m):**	0.0
Bottom Depth(m):	0.0	**Stratum Desc:**	SOIL.
Stratum ID:	218437856	**Top Depth(m):**	0.0
Bottom Depth(m):	6.1	**Stratum Desc:**	SAND-FINE TO MEDIUM.BROWN,VERY DENSE, AGE QUATERNARY.
Stratum ID:	218437857	**Top Depth(m):**	6.1
Bottom Depth(m):	7.7	**Stratum Desc:**	SHALE. RED,WEATHERED,HARD,LAYERED, AGE QUATERNARY, WATER STABLE AT 301.0 FEET. 009

62 **1 of 1** **N/268.7** **90.8** **ON** **BORE**

Borehole ID:	624821	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	598315	**Northing::**	4799363
Location Accuracy::		**Orig. Ground Elev m::**	94.5
Elev. Reliability Note::		**DEM Ground Elev m::**	91.6
Total Depth m::	6.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	OCT-1968	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218435550	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	SOIL,SAND. BLACK,MAN-MADE, AGE POST-GLACIAL.
Stratum ID:	218435551	**Top Depth(m):**	0.3
Bottom Depth(m):	1.4	**Stratum Desc:**	SAND-FINE TO MEDIUM,SILT. BROWN,LOOSE,AGE GLACIAL.
Stratum ID:	218435552	**Top Depth(m):**	1.4
Bottom Depth(m):	4.3	**Stratum Desc:**	SAND-FINE TO MEDIUM,SILT. BROWN,DENSE,AGE GLACIAL.

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

Stratum ID: 218435553
Bottom Depth(m): 6.1
Top Depth(m): 4.3
Stratum Desc: TILL,SAND,SILT,CLAY.GREEN,GLACIAL,HARD, AGE GLACIAL. 000100050004502200141075000790

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63 *1 of 2* *ESE/293.6* *85.9* ***R.M. OF HALTON***
WOODLAND PARK DR/GUELPH LINE
BURLINGTON ON ***CA***

Certificate #: 3-0645-98-
Application Year: 98
Issue Date: 5/28/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

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63 *2 of 2* *ESE/293.6* *85.9* ***R.M. OF HALTON***
WOODLAND PARK DR/GUELPH LINE
BURLINGTON ON ***CA***

Certificate #: 7-0420-98-
Application Year: 98
Issue Date: 5/28/1998
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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64 *1 of 1* *E/294.6* *86.8* ***3013 WOODLAND PARK DRIVE***
BURLINGTON ON L7N 1K8 ***HINC***

External File Num: FS INC 0807-03956
Date of Occurrence: 6/13/2008
Fuel Occurrence Type: Pipeline Strike
Fuel Type Involved: Natural Gas
Status Desc:: Completed - Causal Analysis(End)
Job Type Desc:: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:: Private Dwelling
Service Interruptions:: Yes
Property Damage:: No
Fuel Life Cycle Stage:: Utilization
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::	

Unplottable Summary

Total: 25 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	R.M. OF HALTON	GUELPH LINE RECONSTRUCTION	BURLINGTON CITY ON	
CA	GEORGE WIMPEY CANADA LTD. BOUNDARY EASEM	GUELPH LINE BUSINESS PARK	BURLINGTON CITY ON	
CA	LABOK DEVELOPMENT CORPORATION	SOUTH SIDE OF NEW ST.	BURLINGTON CITY ON	
CA	LABOK HOLDINGS	NEW STREET	BURLINGTON CITY ON	
CA	The Regional Municipality of Halton	New St	Burlington ON	
CA	QUINN HOMES PINELAND PRESBYTERIAN CHURCH	S. OF NEW STREET STREET A	BURLINGTON CITY ON	
CA	GEORGE WIMPEY CANADA LTD./W. PROP. LINE	GUELPH LINE BUSINESS PARK	BURLINGTON CITY ON	
CA	ASL INC. GARRY DIXON	GUELPH LINE	BURLINGTON CITY ON	
CA	Suncor Energy Products Inc.		Burlington ON	
CA	Petro-Canada		Burlington ON	
CA		Lot 17 & 18, Concession 3 SDS	Burlington ON	
CA		Lot 17 & 18, Concession 3 SDS	Burlington ON	
CA	QUINN HOMES PINELAND PRESBYTERIAN CHURCH	NEW STREET STREET A	BURLINGTON CITY ON	
CA	LABOK HOLDINGS	NEW ST.	BURLINGTON CITY ON	
CA	R.J.MYERS DEVELOPMENT LTD.	WOODWARD PARK	BURLINGTON ON	
CA	R.J.MYERS DEVELOPMENT LTD.	WOODWARD PARK	BURLINGTON ON	
SPL	Fortino's Grocery Store<UNOFFICIAL>	New St	Burlington ON	

SPL	Unknown<UNOFFICIAL>	New Street, east of Walker's Line	Burlington ON
SPL		NELSON CREEK AT NEW STREET<UNOFFICIAL>	Burlington ON
SPL	TRANSPORT TRUCK	NEW ST/SHORE ACRES TRANSPORT TRUCK (CARGO)	BURLINGTON CITY ON
SPL		ROSELAND CREEK, SOUTH OF NEW STREET<UNOFFICIAL>	Burlington ON
SPL		New Street (behind arena)	Burlington ON
SPL	Petro Canada<UNOFFICIAL>	CN RAILYARD - ALDERSHOT<UNOFFICIAL>	Burlington ON
SPL	Suncor Energy Inc.		Burlington ON
SPL	Fortinos Supermarket Limited (Main Office)	New Street	Burlington ON

Unplottable Report

Site: ***R.M. OF HALTON***
GUELPH LINE RECONSTRUCTION BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-0102-97-
Application Year: 97
Issue Date: 3/7/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***GEORGE WIMPEY CANADA LTD. BOUNDARY EASEM***
GUELPH LINE BUSINESS PARK BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-2181-89-
Application Year: 89
Issue Date: 10/31/1989
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

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

Database: ***CA***

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

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

Database: ***CA***

Certificate #: 7-1155-88-

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

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

Database: ***CA***

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

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

Database: ***CA***

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

Site: ***GEORGE WIMPEY CANADA LTD./W. PROP. LINE***
GUELPH LINE BUSINESS PARK BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-1804-89-
Application Year: 89
Issue Date: 10/31/1989
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***ASL INC. GARRY DIXON***
GUELPH LINE BURLINGTON CITY ON

Database: ***CA***

Certificate #:	8-3132-87-
Application Year:	87
Issue Date:	1/29/1988
Approval Type:	Industrial air
Status:	Nullity, letter of concurrence issued
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	WASTE OIL BURNER
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: ***Petro-Canada***
Burlington ON

Database: ***CA***

Certificate #:	2556-5YEKZ8
Application Year:	2004
Issue Date:	4/28/2004
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:
Lot 17 & 18, Concession 3 SDS Burlington ON

Database: ***CA***

Certificate #:	2796-5CJP2P
Application Year:	02
Issue Date:	7/31/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name::	The Regional Municipality of Halton
Client Address::	1151 Bronte Road

Client City:: Oakville
Client Postal Code:: L6M 3L1
Project Description:: This application is for the construction of sanitary sewers on George Street, Clarendon Park Drive, Yorkshire Crescent and Wagner Crescent.
Contaminants::
Emission Control::

Site: ***Database:*** ***CA***
Lot 17 & 18, Concession 3 SDS Burlington ON

Certificate #: 9475-5CJP6S
Application Year: 02
Issue Date: 7/31/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: The Regional Municipality of Halton
Client Address:: 1151 Bronte Road
Client City:: Oakville
Client Postal Code:: L6M 3L1
Project Description:: This application is for the construction of watermains on George Street, Clarendon Park Drive, Yorkshire Crescent, Wagner Crescent and Woodward Avenue.
Contaminants::
Emission Control::

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

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

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

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

Site: ***R.J.MYERS DEVELOPMENT LTD.*** ***Database:*** ***CA***
WOODWARD PARK BURLINGTON ON

Certificate #: 3-0635-85-006

Application Year: 85
Issue Date: 7/31/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***R.J.MYERS DEVELOPMENT LTD.***
WOODWARD PARK BURLINGTON ON

Database: ***CA***

Certificate #: 7-0431-85-006
Application Year: 85
Issue Date: 6/12/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

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

Database: ***SPL***

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

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

Database: ***SPL***

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

SAC Action Class: Watercourse Spills
Sector Source Type: Unknown
Site Municipality: Burlington

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

NELSON CREEK AT NEW STREET<UNOFFICIAL> Burlington ON

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

Site: ***TRANSPORT TRUCK*** ***Database:*** ***SPL***

NEW ST/SHORE ACRES TRANSPORT TRUCK (CARGO) BURLINGTON CITY ON

Ref NO: 93828
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: OTHER TRANSPORTATION ACCIDENT
Incident Dt: 11/26/1993
Incident Reason:: ERROR
Incident Summary:: SANDWELL FUELS -5-6 L FURNACE OIL TO ROAD FROM TANKER TRUCK,MVA,CLEANED UP
MOE Reported Dt: 11/26/1993
Environmental Impact:: NOT ANTICIPATED
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 14101

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

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

Ref NO: 0683-6LFTNH
Contaminant Code: 15
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Quantity: Not Specific Unknown
Incident Cause:: Unknown
Incident Dt: 1/27/2006
Incident Reason:: Unknown - Reason not determined
Incident Summary:: Oily sheen in Roseland Creek.
MOE Reported Dt: 1/27/2006
Environmental Impact:: Possible
Nature of Impact:: Surface Water Pollution
Receiving Medium:: Water
SAC Action Class:
Sector Source Type: Other
Site Municipality: Burlington

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

New Street (behind arena) Burlington ON

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

Site: ***Petro Canada<UNOFFICIAL>***
CN RAILYARD - ALDERSHOT<UNOFFICIAL> Burlington ON

Database: ***SPL***

Ref NO:	8564-65HVEG
Contaminant Code:	21
Contaminant Name:	SPENT SULFURIC ACID
Contaminant Quantity:	227.5 L
Incident Cause::	Tank (Above Ground) Leak
Incident Dt:	10/7/2004
Incident Reason::	Equipment Failure
Incident Summary::	CN- <50 gal spent sulf acid to grv,clng.
MOE Reported Dt:	10/6/2004
Environmental Impact::	Possible
Nature of Impact::	Other Impact(s)
Receiving Medium::	Land
SAC Action Class:	Spill to Land
Sector Source Type:	
Site Municipality:	Burlington

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

Database: ***SPL***

Ref NO:	1818-8GCHYZ
Contaminant Code:	12
Contaminant Name:	GASOLINE
Contaminant Quantity:	7000 L
Incident Cause::	Other Transport Accident
Incident Dt:	4/28/2011
Incident Reason::	Spill
Incident Summary::	SIMULATION: Suncor spill of 7000 L of gasoline to road/land
MOE Reported Dt:	4/28/2011
Environmental Impact::	Confirmed
Nature of Impact::	Soil Contamination
Receiving Medium::	
SAC Action Class:	Land Spills
Sector Source Type:	Tank Truck
Site Municipality:	Burlington

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

Database: ***SPL***

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

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

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2016

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: Oct 31, 2014

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: Oct 31, 2016

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Oct 31, 2016

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: Oct 31, 2016

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-Jul 2016

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-Oct 2016

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886-Jun 2014

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 31, 2016

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Oct 2016

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 31, 2016

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Aug 2016

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities: Provincial EXP

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

Government Publication Date: Oct 31, 2016

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: June 2000-Oct 2015

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sept 2003

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Oct 31, 2016

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Sep 2016

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013 - Dec 2014

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

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

Government Publication Date: Aug 31, 2016

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2016

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2014

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Wells: Federal NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: Dec 31, 2014

Oil and Gas Wells: Private OGW

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

Government Publication Date: 1988-Jun 2016

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: Oct 31, 2016

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Oct 2016

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 31, 2016

TSSA Pipeline Incidents: Provincial PINC

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

Government Publication Date: Aug 31, 2016

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-Oct 2016

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2013

Record of Site Condition: Provincial RSC

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

Government Publication Date: Oct 31, 2016

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: Oct 31, 2016

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Jan 2016

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-2014

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Mar 2007

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Oct 31, 2016

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 31, 2016

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Jun 30, 2016

Definitions

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

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

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

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

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

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

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

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

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

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

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

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