Phase One Environmental Site Assessment (DRAFT)

2421 and 2431 New Street, Burlington, Ontario

Client
TRG (New-Guelph) Inc.
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Project Number
HAM-00801287-A0

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Date Submitted
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Executive Summary

EXP Services Inc. (EXP) was retained by TRG (New-Guelph) Inc. to complete a Phase One Environmental Site Assessment (ESA) of the properties located at 2421 and 2431 New Street, in Burlington, Ontario (hereinafter referred to as the 'Site').

The objective of the investigation was to support the filing of a Record of Site Condition (RSC) in accordance with Ontario Regulation 153/04, as amended (O.Reg.153/04).

The Site is located on the north side of New Street in Burlington, Ontario (Figures 1 and 2). The Site measures approximately 0.7 hectares (1.7 acres) in area. The Site is currently occupied by a multi-unit retail commercial plaza including three (3) stand-alone buildings. The building situated along the western portion of the Site is a multi-unit single storey commercial building (Building A). Two (2) additional single storey standalone buildings are situated near the northern boundary (Building B) and at the southeast corner of the Site (Building C). Based on the historical review, the buildings were constructed in the early 1970s.

A review of the historical records indicated that the Site was first developed for residential land use along the southern boundary of the Site since at least 1934.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by O.Reg.153/04, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third party beneficiaries are intended. Limitation of liability, scope of report and third party reliance are outlined in Appendix A.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property. However, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

Based on the Phase One ESA findings, the following information is provided in Table 1-1 in support of the Phase One Qualified Person’s (QP’s) conclusion:

Table 1-1: Areas of Potential Environmental Concern

Area of Potential Environmental Concern (APEC)[1]	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)[2]	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1A: Exceedances of cVOCs in soil and groundwater	Entire Site	Not listed- Exceedances for cVOCs in soil and groundwater	On-Site	VOCs	Soil and Groundwater
APEC 1B: Use of salt for de-icing purposes	Entire Site	Not listed- use of salt for de-icing purposes	On-Site	Electrical Conductivity, Sodium Adsorption Ratio (soil), Sodium and Chloride (groundwater)	Soil and Groundwater
APEC 2A: Exceedances of PHC in groundwater	Near northeast property boundary	Not listed- Exceedances for PHC groundwater	On-Site	PHCs including BTEX	Groundwater
APEC 2B: Former auto service station with UST on property east of Site (2439 New Street / 448 Guelph Line, now 458 Guelph Line)	Near northeast property boundary	28- Gasoline and Associate Products Storage in Fixed Tank 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	PHCs including BTEX	Groundwater
APEC 2C: Former/current service station with UST and spill incident east of Site (458 Guelph Line)	Near northeast property boundary	28- Gasoline and Associate Products Storage in Fixed Tank 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles Not listed- Spill incident	Off-Site	PHCs including BTEX	Groundwater
APEC 2D: Former/current service station northeast of Site (458 Guelph Line)	Near northeast property boundary	27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	PHCs including BTEX	Groundwater

Area of Potential Environmental Concern (APEC)[1]	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)[2]	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 3A: Former dry cleaner northeast of Site (480 Guelph Line)	Near northeast property boundary	37- Operation of Dry Cleaning Equipment (where chemicals are used)	Off-Site	VOCs	Groundwater
APEC 3B: Generator of halogenated solvents (466 Guelph Line)	Near northeast property boundary	Not listed – Generator of hazardous wastes	Off-Site	VOCs	Groundwater

(1) Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D (O.Reg.153/04, as amended) that is occurring or has occurred in a phase one Study area.

Based on the findings of the Phase One ESA and conclusions, a Phase Two ESA is required to assess the soil and groundwater conditions at the Site prior to submitting a RSC.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.

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1. Introduction

EXP Services Inc. (EXP) was retained by TRG (New-Guelph) Inc. to complete a Phase One Environmental Site Assessment (ESA) of the properties located at 2421 and 2431 New Street, in Burlington, Ontario (hereinafter referred to as the 'Site').

The objective of the investigation was to support the filing of a Record of Site Condition (RSC) in accordance with Ontario Regulation 153/04, as amended (O.Reg.153/04).

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by O.Reg.153/04, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third party beneficiaries are intended. Limitation of liability, scope of report and third party reliance are outlined in Appendix A.

The objective of this review was to identify any environmental concerns associated with the Site.

1.1 Phase One Property Information

The Site is located on the north side of New Street in Burlington, Ontario (Figures 1 and 2). The Site measures approximately 0.7 hectares (1.7 acres) in area. The Site is currently occupied by a multi-unit retail commercial plaza including three (3) stand-alone buildings. The building situated along the western portion of the Site is a multi-unit single storey commercial building (Building A). Two (2) additional single storey standalone buildings are situated near the northern boundary (Building B) and at the southeast corner of the Site (Building C). Based on the historical review, the buildings were constructed in the early 1970s.

A review of the historical records indicated that the Site was first developed for residential land use along the south portion of the Site since at least 1934.

Details of the Site are as follows:

Civic Address	2421 and 2431 New Street, Burlington, ON
Current Land Use	Commercial
Proposed Land Use	Residential
Legal Description	2421 New Street: Pt Lt 16, Con 3 SDS, Pt 1, 20R15030; Burlington 2431 New Street: Pt Lt 16, Con 3 South of Dundas Street, as in 643033; Burlington/Nelson Twp
Property Identification Number (PIN)	07068-0255 (LT), 07068-0208 (LT)
Assessment Roll Number (ARN)	240206061809900, 240206061810100
Universal Transverse Mercator (UTM) coordinates	Zone 17, 598341E 4799036N
Site Area	0.7 hectares (1.7 acres)
Property Owners	TRG (New-Guelph) Inc.

2. Scope of Investigation

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

- Reviewing the historical occupancy of the Site through the use of available archived and relevant municipal and business directories, fire insurance plans (FIPs), topographical maps, and aerial photographs;
- Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available;
- Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Site and surrounding properties within 250 metres of the Site;
- Reviewing available geological maps, well records and utility maps for the vicinity of the Site;
- Obtaining and reviewing a chain of title and assessment rolls for the Site;
- Reviewing available reports previously completed at the Site;
- Conducting interviews with designated Site representative(s) as a resource for current and historical Site information, as well as to provide EXP staff with unrestricted access to all areas of the Site and Site buildings (as required by O.Reg. 153/04, as amended);
- Conducting a Site reconnaissance in order to identify any land use practices that may have impacted the environmental condition of the Site;
- Conducting a reconnaissance of the surrounding properties from the Site and publicly accessible areas in order to identify any land use practices that may have impacted the environmental condition of the Site; and,
- Preparing a report to document the findings.

The following sections summarize the information gathered by EXP during the Phase One ESA, and identify Potentially Contaminating Activities (PCAs) on the Phase One property and in the Phase One study area, and Areas of Potential Environmental Concern (APECs) associated with the Site. APECs and PCAs are defined in O.Reg. 153/04, as amended.

In completing the scope of work, EXP did not conduct any intrusive investigations, including sampling, analyses or monitoring.

EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or any of the statements made by others.

EXP personnel who conducted assessment work for this project included: Ms. Kelsey Proks, B.Sc., Ms. Stephanie Hsia, B.Sc. and Mr. Erik Enders, P.Geo. (QP). An outline of their qualifications is provided in Appendix C.

3. Records Review

3.1 General

3.1.1 Phase One Study Area Determination

The Site is located on the north side of New Street, at 2421 and 2431 New Street in Burlington, Ontario (Figure 1). The Phase One ESA study area consists of properties within a distance of 250 metres (m) from the Site boundaries (Figure 2). The surrounding properties within the Phase One ESA study area predominantly consist of commercial and residential properties. The Phase One ESA study area and a Surrounding Land Use Plan are shown on Figure 2.

3.1.2 First Developed Use Determination

Based on a review of historical aerial photographs, chain of title information, historical maps, and other records, the Site was first developed for residential land use since at least 1934. The current Site buildings were constructed in the 1970s. A more detailed discussion of the Site history, based on the available documentation, is provided below.

3.1.3 Fire Insurance Plans (FIPs)

A search was conducted by EXP at the Central Burlington Library on October 26, 2017, for FIPs covering the Site and/or adjacent lands. Based on the search, an FIP dated 1971 was available for review. Significant findings are summarized in the table below:

1971 FIP	
Site	• The western portion of the Site addressed as 2421 New Street was occupied by a multi-tenant commercial building listed as “Village Gate Plaza” under construction. • The eastern portion of the Site addressed as 2431 New Street was occupied by a small structure listed as “Red Barn” (Grill).
North	• The property located northeast of the Site at 480 Guelph Line is occupied by a commercial building listed with “cleaners, billiards and offices”. The north portion of the building is addressed as 484 Guelph Line. • The property addressed as 490 Guelph Line was occupied by a building listed with tire service and show room.

East	• The property located east adjacent of the Site at 2439 New Street (current location of 458 Guelph Line) was occupied by an auto service building with an underground storage tank (UST). • The property located east adjacent of the Site at 458 Guelph Line was occupied by an auto service building with a UST. • The property located approximately 105 m northeast / east of the site at 457 Guelph Line (northeast corner of New St and Guelph Line) was occupied by a building listed as "auto service" with one (1) UST. • Roseland Plaza is located at the property east of the site at 3005 to 3031 New Street. The tenants included Miracle Food Mart, Toronto Dominion Bank and Cleaners. • An auto service building with a UST is located approximately 120 m southeast of the Site at 433 Guelph Line (southeast corner of New Street and Guelph Line). • A building listed as "woodcutting & builders supplies" with small piles of lumber is located approximately 150 m southeast of the Site at 3010-3018 New Street.
West	• The building located on the west adjacent property at 2411 New Street was listed as Walbrook Apartment.
South / southwest	• The properties located southwest and south of the Site (on south side of New Street) from 2386 to 2424 New Street, were occupied by apartment buildings.
Southeast	• The property located southeast of the Site at 2440 New Street was occupied by Canadian Tire Corp with a building at the rear of the property listed as "auto reps".

Based on the information gathered from the review of the FIPs, the following PCAs (as per Table 2 of Schedule D of O.Reg 153/04) were identified within the Phase One study area:

PCA Identifier	Address	Tenant / Company Name	Associated PCA
PCA-1	480 Guelph Line (approx. 45 m north)	Commercial Plaza with "cleaners"	37 – Operation of Dry Cleaning Equipment (where chemicals are used)
PCA-2A/B	2439 New Street (current location of 458 Guelph Line, east adjacent)	Auto Service with UST	28- Gasoline and associated products storage in fixed tanks 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
PCA-3A/B	458 Guelph Line (east adjacent)	Auto Service with UST	28- Gasoline and associated products storage in fixed tanks 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
PCA-4A/B	457 Guelph Line (approx. 105 m northeast / east)	Auto Service with UST	28- Gasoline and associated products storage in fixed tanks 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
PCA-5	451 Guelph Line	Commercial Plaza	37 – Operation of Dry Cleaning

	(approx. 230 m northeast / east)	with “cleaners”	Equipment (where chemicals are used)
PCA-6A/B	433 Guelph Line (approx. 125 m east)	Auto Service with UST	28- Gasoline and associated products storage in fixed tanks 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
PCA-7	490 Guelph Line (approx. 65 m northeast)	Goodyear Certified Auto Service (1966 to 2011), Armour Tire and Auto Service Ltd. (2011)	27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
PCA-8	2440 New Street (approx. 75 m southeast)	Canadian Tire Corp with building at rear of property for “auto reps”	

3.1.4 Chain of Title

A chain of title for the property located at 2421 and 2431 New Street, was completed by Mr. Dominic Bertucci, an independent title searcher. The Site is currently owned by TRG (New-Guelph) Inc.

A copy of the Chain of Title is provided in Appendix D and a list of previous owners are provided in the table of current and past uses.

Based on a review of the previous owners of the Site, no additional PCAs were identified.

3.1.5 Environmental Reports

A report titled “Phase I Environmental Site Assessment, 2411, 2421, 2433 New Street, Burlington, Ontario” was prepared by S2S Environmental Inc. (S2S), on January 31, 2017. A summary of the pertinent findings are as follows:

- The Phase I ESA was completed for three properties addressed as 2411, 2421 and 2433 New Street (the current Site consists of two of the three properties- 2421 and 2431 New Street);
- The properties were occupied by one storey commercial buildings which were constructed in the early 1970s (2421 and 2433 New Street) and a six-storey residential building which was constructed in approximately 1965 (2411 New Street);
- The properties were occupied by single family residential dwellings until approximately 1965;
- The report included a review of a previous subsurface sampling investigation completed by Terraprobe in 2011. Reportedly the client for the investigation was the property owner of the neighbouring property at 480 Guelph Line. S2S indicated that the subsurface investigation was likely to delineate known or suspected impacts from the dry cleaning facility at 480 Guelph Line. One (1) borehole with two (2) nested monitoring wells were installed in the central portion of the parking lot of 2421 New Street (known as 2421 S and 2421D). One (1) soil sample from 2.7 m bgs was submitted for volatile organic compounds (VOCs). The analytical results indicated that VOCs were below the MOECC Table 3 SCS (ICC for coarse textured soil). Two (2) groundwater samples were submitted for the analysis of VOCs. The analytical results indicated that tetrachloroethylene (PCE) from 2421D was above the MOECC

Table 3 SCS. The concentration of trichloroethylene at 2421D met the standard and below the standard at 2421S.

- The request to TSSA indicated that the property located east adjacent of the Site at 458 Guelph Line had a record of three (3) active USTs (at the time of the Phase One ESA report, the property was occupied by Petro Canada). S2S obtained a copy of the TSSA report for the property. The report indicated that in 2002, three (3) 50,000 L gasoline and diesel double wall fiberglass USTs were installed on the property. The property was redeveloped with an updated retail fuel outlet in 2001. The redevelopment included the removal and replacement of former pump islands, USTs and associated piping. Jacques Whitford Environmental Limited (JWEL) was retained to complete a subsurface investigation in 2001 which included eleven (11) boreholes where five (5) were instrumented with monitoring wells. Soil samples were submitted for the analysis of total petroleum hydrocarbons (TPH) and benzene, toluene ethylbenzene and xylenes (BTEX) and groundwater was submitted for the analysis of BTEX. The report indicated that free phase petroleum product was identified in one borehole and the concentration of TPH and BTEX was above the SCS in several soil samples and the concentration of xylene was above the SCS at one monitoring well location. Reportedly, a remediation program was planned for the property. No documentation was provided regarding such program.

- Based on the information obtained from the Phase I ESA, the following items of actual or potential environmental concern were identified:

    - Exceedance of tetrachloroethylene in groundwater from existing monitoring well located in midportion of property addressed as 2421 New Street. The impacts were listed as being likely associated with former dry cleaning facility located northeast of the Site at 480 Guelph Line.
    - Former automotive service garages were listed at surrounding properties
        - Northeast of Site- 490 Guelph Line (late 1950s to present)
        - Southeast of Site- 2440 New Street (1971 FIP);
    - Registered waste generators on surrounding properties
        - 466 Guelph Line- listed as generator of halogenated solvents
    - Current and former retail fuel outlet on east adjacent property (458 Guelph Line, formerly 2439 New Street);
    - Vent and fill pipes observed on property located south of Site at 2418 New Street.

A report titled “Limited Phase II Environmental Site Assessment, 2411, 2421, 2433 New Street, Burlington, Ontario” was prepared by S2S Environmental Inc., on January 31, 2017. A summary of the pertinent findings are as follows:

- The scope of work included five (5) boreholes (BH1 to BH4 and BH2B) to completion depths of 4.6 and 6.5 m bgs. All boreholes were instrumented with monitoring wells. The boreholes / monitoring wells were completed at the properties addressed as 2421 and 2431 New Street.

- In addition, the two (2) existing nested monitoring wells (MW2421D and MW2421S) from Terraprobe’s hydrogeological investigation from August 2011, were used for water elevations and resampled.

- The general stratigraphy at the Site consisted of granular fill overlying fine sand to a maximum depth of 5.5 m bgs. Bedrock was encountered between 5.3 m bgs (BH2).

- Groundwater was encountered between 2.3 m bgs (BH3) and 2.8 m bgs (BH1). However, at the time of the report, the groundwater elevations had not been determined. It was assumed that groundwater flow was to the southeast towards Lake Ontario.

- For assessment purposes, the MOECC 2011 Table 3 SCS for Residential / Parkland / Institutional and coarse textured soils were selected.

- Soil samples were submitted for the analysis of VOCs, PHCs and / or metals and inorganics. The analytical results indicated an exceedance for tetrachloroethylene from BH2 (northeast corner of Site). The remaining parameters were below the MOECC Table 3 SCS.

- Groundwater samples collected from all newly installed monitoring wells and two existing monitoring wells were submitted for the analysis of select VOCs, PHCs including BTEX and / or select metals and inorganics. The analytical results indicated an exceedance for tetrachloroethylene from the groundwater samples collected from each newly installed and existing monitoring wells sampled. In addition, the concentration of trichloroethylene from BH2 and existing monitoring well MW2421D, chloroform from BH2B and cis-1,2-dichloroethyle and vinyl chloride from BH3 were above the MOECC 2011 Table 3 SCS.

- Based on the findings of the investigation, S2S indicated that “it is apparent that there may be wide-spread contamination of VOCs at the subject property and that the source of this contamination may be from an offsite activity”.

- “It is recommended that the extent of the contamination be determined and a remedial action plan be completed to address the subsurface contamination at the subject property”.

An FOI request was submitted to the City of Burlington for records pertaining to the Site. A search of the database indicated that Phase II ESA was completed by Soil-Mat Engineers and Consultants Ltd. for the Site (addressed as 2433 New Street) in 2009. The report was titled “Phase II Environmental Site Assessment, 2433 New Street, Burlington, Ontario” was prepared by Soil-Mat Engineers and Consultants Ltd. (Soil-Mat), on October 9, 2009. A summary of the pertinent findings are as follows:

- The scope of work included four (4) boreholes (BH1 to BH4) to maximum completion depth of 7.5 m bgs along the northern and eastern limits of the Site. Three (3) of the boreholes were instrumented with monitoring wells.

- For assessment purposes, the MOE 2004 Table 3 SCS for Industrial / Commercial / Community Property Use were selected.

- The general stratigraphy at the Site consisted of brown sand / silty sand to depths between 5.3 to 5.7 m bgs. The silty / sand was underlain by silty clay (weathered shale).

- The soil samples were submitted for the analysis of PHCs, VOCs and site decommissioning metal scan. The analytical results indicated that tetrachloroethene was in exceedance of the MOE 2004 Table 3 SCS at BH3 and BH4.

- The groundwater samples were submitted for the analysis of PHCs, VOCs and metals and inorganics. The following parameters were in exceedance of the MOE 2004 Table 3 SCS: Copper (MW1-S1A and MW2-S1A), vinyl chloride (MW1-S1B, MW2-S1B) and tetrachloroethene in MW1-S1B, MW2-S1B and MW3-S1B.

- Based on this information, “adverse environmental impact” from dry cleaning operations were evidenced from the high concentrations of tetrachloroethene. Detected concentrations of

benzene, toluene, ethylbenzene and xylenes and petroleum hydrocarbons indicate adverse environmental impact typical of gasoline service station situated east adjacent of the Site.

- The extent of PHC and VOC impact at the Site has not been delineated. Further delineation work is recommended to determine the extents. In addition, a Phase I ESA may be beneficial to determine if the former historical operations on-Site may have contributed to impacts.

Based on the information provided, the following PCAs were identified:

- A comparison of the analytical results from the Phase II ESA completed in 2009 to the current MOECC 2011 Table 3 SCS indicated exceedances for cis-1,2-dichloroethylene, tetrachloroethylene and vinyl chloride from BH/MW1, BH/MW2 and BH/MW3. The groundwater exceedance for copper noted in the 2009 Phase II ESA report meets the current 2011 MOECC Table 3 SCS. However, exceedance for PHC F1 in groundwater was identified at Soil-Mat monitoring well location BH/MW3.

- Not listed- Soil and groundwater exceedance from previous environmental investigations (PCA-9).

3.2 Environmental Source Information

3.2.1 Federal and Provincial Database Search

A search of provincial, federal and private environmental databases for records pertaining to the Site and properties within the Phase One study area was conducted by EcoLog Environmental Risk Information Services (ERIS) in October 2017. EXP has confirmed neither the completeness nor the accuracy of the records that were provided. A copy of the EcoLog ERIS report is provided in Appendix E. A summary of the significant findings is provided below.

Location & Proximity to Site	Summary	Database	Associated PCA
Site			
Site (2421 New Street)	Big Kahuna Tatt Shack, tenant of 2421 New Street, was listed as registered waste generator of pathological wastes in 2016 to June 2017. The Site is listed for water well record pertaining to monitoring well instrumented in June 2011. Limited information is provided. This is likely associated with the previous subsurface investigation completed by Terraprobe in 2011 (two monitoring wells instrumented in centre of Site).	*GEN, WWIS*	N/A
Site (2431 New Street)	The Site, (identified as 2433 New Street) is listed for water well records pertaining to observation wells installed in 2009. The description indicates that wells were installed to 20 feet. Red shale was encountered at 7 feet below ground	*WWIS*	N/A

Location & Proximity to Site	Summary	Database	Associated PCA
	surface.		
Site and Surrounding Properties			
Site and ERIS study area	Based on the EcologERIS report, the Site and surrounding properties are not listed in the Inventory of Coal Gasification Plants and Coal Tar Sites.	*COAL*	N/A
Site and ERIS study area	Based on the EcologERIS report, the Site and surrounding properties are not listed as Waste Disposal Sites.	*WDS*	N/A
Site and ERIS study area	Based on the EcologERIS report, the Site and surrounding properties are not registered in the Ontario PCB Storage Database	*OPCB*	N/A
Site and ERIS study area	Based on the EcologERIS report, the Site and surrounding properties are not registered for RSCs.	*RSC*	N/A
Surrounding Properties			
458 Guelph Line East adjacent	Simcoe Energy & Technical Services Inc. / 1491222 Ontario Ltd. O/A Petro Canada was listed as an expired full service gasoline station and propane cylinder handling facility in 1989. Rosanne Berry, South Western Ontario Propane Div, Gus Holdings were all listed as tenants at this property in the private retail database. 1301060 Ontario Inc. O/A Petro Canada was listed as a retail fuel outlet with five (5) 22,700 L liquid fuel gasoline single wall USTs installed in 1985 which were removed. The company was also listed with three (3) 50,000 L active gasoline double wall USTs which were installed in 2002. A spill incident is listed for the property on October 30, 2001 for Petro-Canada where gasoline is noted in the borehole, “investigating further”.	*EXP, FSTH, PRT, SPL*	28 - Gasoline and Associated Products Storage in Fixed Tanks (PCA-3A) Not listed- Spill incident (PCA-3C)
466 Guelph Line (East adjacent)	DRSSL Limited was listed as a generator of halogenated solvents in 2016 to June 2017. The description for the tenant is “lessors of non-residential buildings (except mini-warehouses), lessors of residential buildings and	*GEN, WWIS*	Not listed – Generator of hazardous wastes (PCA-10)

Location & Proximity to Site	Summary	Database	Associated PCA
	dwellings (except social housing projects). A test hole water well record is listed for this property dated May 2010.		
2434 New street (35 m east)	DRT Products Inc., is listed in Scott's Directory, with the following operations: "Other Men's and Boys' Cut and Sew Clothing Manufacturing, Other Printing, All Other Textile Product Mills, Commercial Screen Printing, etc."	*SCT*	54- Textile Manufacturing and Processing (PCA-11)
2418 New street (20 m south)	A pipeline incident is listed for this property where a 2" natural gas line was hit due to deteriorated facility. A spill incident also associated with a natural gas line is also listed for this address.	*PINC, SPL*	N/A
2422 New street (20 m south)	A pipeline incident is listed for this property where a 1/2" natural gas line was hit.	*PINC*	N/A
2424 New Street (20 m south)	Marsala Investments, was listed as a registered waste generator in 2011 and 2012. Details regarding wastes generated was not provided.	*GEN*	N/A
491 Karen Drive (50 m north / northwest)	Jan Gelderman Landscaping Ltd. Is listed in the pesticide database as an operator.	*PES*	N/A
489 Guelph Line (135 m north)	Burlington Camera Inc. is listed as a registered waste generator of photoprocessing wastes in 2012 to June 2017.	*GEN*	N/A
480 Guelph Line (45 m north)	Parker's Cleaners / James H Parker Ltd. / Parker's Cleaners (Burlington) Ltd. was listed as a registered waste generator of halogenated solvents from 1986 to June 2017.	*GEN*	37 – Operation of Dry Cleaning Equipment (where chemicals are used) (PCA-1)
2442 New Street (65 m east)	Print Three, is listed in the Scott's Manufacturing Directory, as commercial printing, lithographic; commercial printing, not elsewhere classified.	*SCT*	Not listed - Former printing establishment (PCA-12)
457 Guelph Line	Esso Petroleum Canada, listed as a gasoline service station, is a registered waste generator of other specific	*GEN*	28 - Gasoline and Associated Products Storage in Fixed Tanks

Location & Proximity to Site	Summary	Database	Associated PCA
(105 m northeast / east of Site)	inorganics from 1992 to 1998.		(PCA-4A)
475-55 Guelph Line (220 m east / northeast)	A spill incident where 202.5 L of cooking oil to pavement is listed at the Roeland Plaza (Dino's Pizza) in August 2006.	*SPL*	N/A
3001 New Street (110 m east / northeast)	Bay Cities Animal Hospital was listed as a registered waste generator of pathological wastes from 2002 to June 2017.	*GEN*	N/A
433 Guelph Line (120 m southeast)	A tenant of the Site, 105770 Ontario Inc. (offices of physicians), is listed as a registered waste generator of pathological wastes in 2010 to 2012.	*GEN*	N/A
3009 New Street (115 m north)	Dr. David Robertson, tenant of Roseland Plaza, was listed as a registered waste generator of halogenated solvents in 2016.	*GEN*	Not listed – Generator of hazardous wastes (PCA-13)
390 Guelph Line (155 m south / southeast)	Betty Wheeler, listed as a registered waste generator of light fuels from 2002 to 2004. Children's Education Funds Inc., was listed as a registered waste generator in 2012. Details regarding waste generated not provided.	*GEN*	N/A
409 Guelph Line (165 m southeast)	Print Three Inc. is listed in the Scott's Manufacturing Directory for Other printing, digital printing, etc.	*SCT*	N/A
Various addresses	Three (3) borehole records from the surrounding properties indicated that the general soil stratigraphy consists of sand / silt to clay.	*BORE*	N/A
Various addresses	Eighteen well records pertain to test holes / monitoring well records.	*WWIS*	N/A

3.2.2 Municipal Records

3.2.2.1 **Municipal Directories**

EXP retained LGI Copy Services Canada to review the available City of Burlington Directories between 1957 and 2011 in five and ten-year increments in order to identify the occupancy history of the Site and adjacent properties for PCAs. A copy of the city directories is located in Appendix F.

Table 3.2.2.1 Former tenants on-Site

Address	Occupants	Years Occupied	Associated PCA
2421 New Street	Various Commercial establishments	1976 to 2011	N/A
	Askey Vet Hospital	1971	
	Residential dwellings	1957 to 1966	
2431 New Street	Not listed	1976 to 2011	
	The Red Barn	1971	
	Not listed	1957 to 1966	
2433 New Street	Easterbrook's Hot Dogs & Jumbo Ice Cream	1991 to 2011	
	Jumbo Ice Cream & Snackaroo's	1986	

Based on the city directory review of the surrounding properties, the following pertinent information was noted:

- The surrounding properties consist of various commercial properties along New Street
- Residential properties were located along Beverly Drive, Edith Avenue, Eileen Drive, Karen Drive, Mayzel Road, Pepper Street, St. Clair Avenue in 2011.

Direction	Address	Occupant	Year	Associated PCA
East	448 Guelph Line (Assumed to be now located at 458 Guelph Line) East adjacent)	Kirby J W, serv stn	1957 - 1961	28- Gasoline and Associated Products Storage in Fixed Tanks (PCA-2A) 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles (PCA-2B)
	458 Guelph Line (East adjacent)	Petro Canada	1986 - 2011	28- Gasoline and Associated Products Storage in Fixed Tanks (PCA-3A)
		B P Oil Self service	1976 - 1981	
		Bremer B, BP Serv	1966 - 1971	
		Plaza B, B P Serv	1957 - 1961	
Northeast	480 Guelph Line (approx. 45 m northeast)	Parker's Cleaners	1957 - 2011	37- Operation of Dry Cleaning Equipment (where chemicals are used) (PCA-1)
		Ontario Hydro	1966 - 1981	N/A (1971 FIP states the building was occupied by offices)
		Sun Stop Glass Tinting Co	1976	N/A

Direction	Address	Occupant	Year	Associated PCA
	490 Guelph Line (approx. 65 m northeast)	Armour Tire and Auto Service Ltd.	2011	27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles (PCA-7)
		Goodyear Certified Auto Service	1966 - 2011	
Northeast / east	473 Guelph Line (approx. 220 m east / northeast)	Watson's Chemists	1966 - 1986	N/A
	457 Guelph Line (approx. 105 m northeast / east)	Sand's Auto & Services	1991	28- Gasoline and Associated Products Storage in Fixed Tanks (PCA-4A) 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles (PCA-4B)
		Larry's Esso Service	1976 - 1986	
		Humby's Esso Serv	1957 - 1961	
	451 Guelph Line (approx. 230 m northeast / east of Site)	Roseland Cleaners	2001 - 2006	37- Operation of Dry Cleaning Equipment (where chemicals are used) (PCA-5)
		Star Cleaner	1957 - 1996	
South	2432 New Street (approx. 75 m southeast)	Canadian Discount-Used Tires Inc.	2001 - 2011	27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles (PCA-8)
		Gerrick Tire Service Ltd.- Used Tires Inc.	1996	
		Burlington Transmission Service	1976 - 1986	
		Can Tire Serv Grge	1966 - 1971	
Southeast	2442 New Street (approx. 65 m east)	Print Three	1991 - 1996	Not listed- Former printing establishment (PCA-12)
	433 Guelph line (approx. 125 m southeast)	Louis B P Auto Serv	1966 - 1971	28- Gasoline and Associated Products Storage in Fixed Tanks (PCA-6A) 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles (PCA-6B)
		Brokenshire J, serv stn	1957- 1961	
	417 Guelph Line (approx. 130 m southeast)	Tone Craft Paints Ltd.	1966	39- Paints Manufacturing, Processing and Bulk Storage (PCA-14)
	415 Guelph Line (approx. 130 m southeast)	City Lndry & Dry Clnrs	1957 - 1961	37- Operation of Dry Cleaning Equipment (where chemicals are used) (PCA-15)
	409 Guelph Line (approx. 165 m southeast)	St. Clair Place Plaza including Print Three	2001- 2011	Not listed- Former printing establishment (PCA-16)

The remaining properties within the Phase One study area were not associated with any PCAs as per Table 2, Schedule D of O.Reg.153/04, as amended.

3.2.2.1. ***City of Burlington - Municipal Records***

On October 12, 2017, the City of Burlington Official Plan website was searched for information regarding zoning for the Site. The document indicated the following:

- The western portion of the Site addressed as 2421 New Street is zoned as High Density Residential and the eastern portion of the Site addressed as 2431 New Street addressed as 2431 New Street is Neighbourhood Commercial. Based on information provided by the client, the property is to be redeveloped for residential land use.

- The surrounding properties primarily consist of residential and commercial.

3.2.2.2. ***City of Burlington – FOI request***

On October 12, 2017, a request for information was submitted to the City of Burlington Freedom of Information (FOI), Protection of Privacy Office for information in their files regarding the Site that pertain to any Environmental Concerns, Orders and Spills.

The FOI request identified a Phase II ESA report completed by Soil-Mat Engineers and Consultants Ltd. for the property addressed as 2433 New Street (east portion of Site) in 2009. The scope of work included four (4) boreholes (BH1 to BH4) to maximum depth of 7.5 m bgs. Refer to Section 3.1.5 for summary of Phase II ESA report.

3.2.2.3. ***Region of Halton – FOI request***

On October 27, 2017, a request for information was submitted to the Region of Halton Freedom of Information, Protection of Privacy Office for information in their files regarding the Site that pertain to any Environmental Concerns, Orders and Spills.

A response from the Region of Halton, dated November 28, 2017, indicated that the Site is located within a Highly Vulnerable Aquifer. No other relevant information (i.e. not already documented above) was provided in the Region. A copy of the request and response is included in Appendix F.

3.2.3 Ontario Ministry of the Environment Records

3.2.3.1 **Ministry of the Environment and Climate Change (MOECC)**

On October 12, 2017, a request for information was submitted to the Ontario Ministry of the Environment and Climate Change (MOECC) Freedom of Information, Protection of Privacy Office for information in their files regarding the Site that pertain to any Environmental Concerns, Orders and Spills.

A response from the MOECC, dated November 8, 2017, indicated that a tenant of the Site (Big Kahuna Tatt Shack at 2421 New Street) was a registered generator of of pathological wastes. An occurrence report also stated that there was a fire within the restaurant at 2431 New Street. No abatement action was deemed necessary.

A copy of the request and records are included in Appendix G.

3.2.3.2 **Ministry of the Environment Databases**

The Ecolog ERIS report summarized in the Federal and Provincial Database Search section of the report included a summary of MOECC databases (see section 3.2.1). The databases include the following: MOECC Environmental Bill of Rights (EBR), Brownfields Environmental Site Registry, Hazardous Waste Information Network (HWIN), Waste Disposal Sites).

3.2.4 Technical Standards and Safety Authority

A request was made to the TSSA by email on October 12, 2017 for information regarding fuel storage The Technical Standards and Safety Authority (TSSA) is the Provincial regulatory agency responsible for overseeing the storage of fuels in Ontario. As such, the TSSA maintains a database (approximately 1987 to present) of all registered fuel storage tanks in Ontario.

In an email dated October 18, 2017, a search of their database indicated records for the Site were not identified. The property located east adjacent of the Site at 458 Guelph Line was listed with three (3) active liquid fuel tank, one (1) active self-serve gas station, one (1) active cylinder and five (5) expired liquid fuel tanks. This aspect is associated with PCA 28- Gasoline and Associated Products Storage in Fixed Tanks (PCA-3A).

A copy of the TSSA request and Site records are provided in Appendix G.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs were obtained in order to review the development and land use history of the Site, as well as to the land in the immediate vicinity of the Site. The aerial photographs dated 1934, 1954, 1961, 1972, 1982, 2002, and 2017 were obtained for review.

The development and land use history of the Site and adjacent properties as depicted on the reviewed aerial photography is summarized in Table 3.3.1. Copies of the aerial photographs are included in Appendix H.

Table 3.3.1: Aerial Photograph Observations

Aerial Photograph	Details
1934	• The south portion of the Site appears to be occupied by several structures along New Street. The north portion of the Site appears to be vacant agricultural land. • Residential dwellings and possibly a small orchard can be seen south of New Street. • Residential dwellings can also be seen east of the Site along Guelph Line.
1954	• Due to the poor resolution of the aerial photograph, fine details are difficult to discern. • The Site appears similar to the 1934 aerial photograph. • The potential orchard is no longer visible south of the Site. • Further residential development can be seen southwest, south and southeast of the Site.
1961	• The Site appears similar to the 1954 aerial photograph. • Further residential development can be seen north, west and south of

Aerial Photograph	Details
	the Site. • Several commercial establishments can be seen east / southeast of the Site along Guelph Line.
1972	• The Site appears to be occupied by buildings similar in configuration to that observed at the time of the Site visit (small commercial plaza along the western boundary of the Site, a small commercial building along the northern boundary and southeast corner of the Site). • Further commercial / residential development can be seen on surrounding properties.
1982	• Due to the poor resolution of the aerial photograph, fine details are difficult to discern. • The Site and surrounding properties appear similar to the 1972 aerial photograph.
2002	• The Site and surrounding areas appear similar to the 1982 aerial photograph.
2017	• The Site and surrounding areas appear similar to the 2002 aerial photograph.

Based on the review of the aerial photography, the following PCAs were identified:

- A review of the earlier aerial photographs indicated that small orchards may have been present on properties south of the Site, beyond New Street. This aspect is associated with PCA #40-Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications (PCA-17).

Although, the southern portions of the Site were formerly occupied by several small structures / dwellings which may have contained basements, given the absence of a significant amount of fill material noted on the borehole logs within the previous Phase II ESA reports, the potential for the former building footprints and foundations to have been backfilled with fill material of unknown quality is considered to be low.

3.3.2 Topography, Hydrology and Geology

The following physiographic, geological and soil maps were reviewed on September 16, 2016:

- “Toporama"; Natural Resources Canada. Scale 1:17,500. 2008.
- Quaternary Geology of Ontario - geology_ll.shp [computer file],Ontario: Ontario Geological Survey, 2000.
- Bedrock Geology of Ontario - geology_ll.shp [computer file],Ontario: Ontario Geological Survey, 2000.
- Physiography of Southern Ontario - geology_ll.shp [computer file], Ontario: Ontario Geological Survey, 2007.

Based on the review of the above maps, the following information was obtained:

- The Site is generally flat with a rise in elevation at the northern portion of the Site ranging from approximately 90 to 94 m above sea level.

- Lake Ontario is situated approximately 0.9 kilometres (km) south / southeast of the Site.
- The Site and areas surrounding the Site are expected to consist of lacustrine and outwash sand. The physiography of the Site is listed as 'Sand Plain'.
- Based on the information provided on the topographic map, regional groundwater is expected to flow to the south / southeast towards Lake Ontario.
- The bedrock in the general area consists of the Queenston Formation, consisting of shale, limestone, dolostone, and siltstone. Based on information from the previous Phase II ESA, Shale was encountered at 4.9 to 5.5 m bgs.

3.3.3 Fill Materials

Fill material is typically brought to a property as a base for buildings and pavement areas. Fill can also be used to re-grade a property and to backfill excavations, such as locations of former USTs.

Based on a review of historical records, a significant volume of fill material is not expected.

3.3.4 Water Bodies and Areas of Natural Significance

Based on the review of available resources from the Ministry of Natural Resources and Forestry and MOECC, no areas of natural significance were identified within the Phase ON ESA study area.

3.3.5 Well Records

3.3.5.1 *Water Wells*

A search of the water well database was conducted by EcologERIS to identify water wells within the Phase One study area. Refer to Section 3.2.1 for a summary of the water wells within the Phase One ESA study area.

3.3.5.2 *Oil, Gas, and Salt Wells*

A search of the Oil, Gas & Salt Resources Library (2014) website was completed to identify oil, gas and salt wells within the vicinity of the Site on November 14, 2017. The search of the website indicated there was no oil, gas or salt wells at the Site or within the Phase One ESA study area.

3.4 Site Operating Records

In general, a request is usually made to the property representative for copies of any operating records pertaining to the environmental conditions at the Site. Records would include: regulatory permits; Material Safety Data Sheets (MSDS) for all chemicals that were handled on-Site; underground utility drawings; inventories of chemicals, chemical usage, and chemical storage areas; inventory of aboveground storage tanks (ASTs) and underground storage tanks (USTs); environmental monitoring data; correspondence pertaining to an order or request by the MOE or TSSA; waste management records; process, production, and maintenance documents; records of spills and records of discharges of chemicals; emergency response and contingency plans, including spill prevention and contingency plans; environmental audit reports; and site plans of the facility showing areas of production and manufacturing

No records were reviewed at the time of the Site visit.

4. Interviews

Interviews were conducted by EXP staff with the individuals identified to be the most knowledgeable with respect to both the current and historical Site uses. The interviews were conducted during the Site reconnaissance in order to obtain information to assist in identifying details of potentially contaminating activities, potential contaminant pathways in, on, or below the Site, and areas of potential environmental concern. Any information provided during the interviews is presented alongside information from the Site reconnaissance in Section 5.

During the completion of this Phase One ESA, the following individuals were interviewed:

1. Mr. Hans Dejong, representative of the Bibles for Mission Thrift Store, was interviewed during the Site visit on November 22, 2017. Mr. Dejong provided information regarding former and current operations.

2. Individual tenants were interviewed during the Site visit on November 22, regarding the current operations at the Site.

5. Site Reconnaissance

5.1 General Requirements

The Phase One ESA Site reconnaissance was conducted on November 22, 2017 by Ms. Kelsey Proks under the supervision of Mr. Erik Enders, a Qualified Person as defined by O.Reg. 153/04, as amended.

The Site and the adjoining properties were observed from the Site and/or publicly accessible areas. Photographs documenting the Site visit are included in Appendix I.

5.2 Specific Observations at Phase One ESA Property

5.2.1 Site Description and Buildings

The Site is located on the north side of New street, at 2421 and 2431 New Street in Burlington, Ontario. The Site is currently occupied by a multi-unit retail commercial plaza including three (3) stand-alone buildings. The building situated along the western portion of the Site is a multi-unit single storey commercial building (Building A). Two additional standalone buildings are situated along the northern boundary (Building B) and at the southeast corner of the Site (Building C). Based on the historical review, the buildings were constructed in the early 1970s.

Building A is a single-storey multi-unit commercial building with a footprint of approximately 1,010 m² (10,871 ft²), with a partial basement located within the Martial Arts unit. The building is currently occupied by the following tenants:

- AE Laundromat/ Acupuncture Clinic;
- Bryant's Pet Grooming;
- Tattoo Parlour;
- Chiropractor/Message Therapy Clinic;
- Sidekicks Martial Arts; and
- Six Penny Mini Mart (currently vacant).

Building B is a single-storey commercial building with a footprint of approximately 250 m² (2,690 ft²). The building is currently occupied by the Bibles for Mission Thrift Store. A shipping container is located along the northeast side of the building and is used for additional storage.

Building C is a two-storey commercial building with a footprint of approximately 160 m² (1,722 ft²) and is currently vacant, previously occupied by Easterbrooks Red Hot Grill Restaurant.

The areas surrounding the Site buildings consist of asphalt parking areas with a small landscaped area in front of Building C.

A review of the historical records indicated that the Site was first developed for residential land use along the south portion of the Site since at least 1934.

The main characteristics of the Site building are included in the following table:

Building Material Description			
Building Surface	**Building A**	**Building B**	**Building C**
Floor Surfaces	• Vinyl floor tile and carpet	• Carpet, vinyl floor tiles, ceramic tiles	• Ceramic tiles, vinyl floor tiles
Ceilings	• Suspended ceiling tiles	• Suspended ceiling tiles	• Suspended ceiling tiles
Interior Walls	• Drywall, wood panelling	• Drywall, concrete block walls	• Drywall
Exterior Walls	• Brick	• Brick	• Brick, vinyl siding

Lighting in the buildings is supplied by fluorescent light fixtures with fluorescent tubes and incandescent fixtures and bulbs.

5.2.2 Heating and Cooling Systems

Roof-top natural gas fired HVAC units service the buildings located on Site. Electric baseboard heaters were observed throughout the Building A. A large central air conditioning unit was located outside at the back of Building C.

5.2.3 Site Utilities and Services

Potable water is provided to the Site building through the municipal water distribution system and sanitary wastewater is discharged to the municipal sewer system. Electrical services to Site building by local hydro via pole mounted transformers along New Street.

The natural gas line enters the Site at the southern portion of the Site from New Street.

Given that underground utilities are located on the Site, there is the potential for the distribution and transport of contaminants via the underground utilities.

5.2.4 Sewage and Wastewater Disposal

The Site and surrounding area is served by municipal sanitary and storm sewer systems.

5.2.5 Potable Water Sources

The Site is provided with a municipal water source (Lake Ontario).

5.2.6 Abandoned and Existing Wells

Ten (10) existing monitoring well were observed at the Site. Reportedly, the monitoring wells were installed as part of previous environmental assessments completed on the Site in 2009 and 2017 (refer to previous reports).

5.2.7 Site Production and Manufacturing

No production or manufacturing occurs on the Site.

5.2.8 Drains, Pits and Sumps

Floor drains observed in the Site buildings were reportedly connected to the municipal sanitary sewer system. No pits or sumps were observed at the time of the Site visit.

5.2.9 Storage Tanks

Evidence of the presence/absence of Underground Storage Tanks (USTs) and Above Ground Storage Tanks (ASTs) at the Site was assessed during the Site visit.

No storage tanks and containers were observed at the Site at the time of the Site visit.

5.2.10 Water Wells

No potable water wells were observed at the Site during the Site visit.

5.2.11 Site Housekeeping

In general, the Site structures and visible infrastructure appeared to be in good condition. Minor amounts of household debris were noted along the eastern Site boundary.

5.2.12 Chemical Storage and Handling and Floor Condition

Domestic cleaning supplies and some paint cans were observed at the time of the Site visit.

According to the tenant at AE Laundromat, no chemicals are used except laundry detergent. No dry cleaning takes place on Site.

No other significant chemical inventory, storage or evidence of chemical handling was observed or reported at the time of the Site visit.

5.2.13 Soil, Pavement or Stressed Vegetation

Exterior portions of the Site are asphalt paved. No stressed vegetation was observed on the Site at the time of the Site visit.

5.2.14 Fill and Debris

Fill material is typically brought to a property as a base for buildings and pavement areas. Fill can also be used to re-grade a property and to backfill excavations, such as locations of former USTs.

Based on observations made at the time of the Site reconnaissance and a review of historical records including previous reports, it is unlikely that significant fill material is located on the Phase One Property.

5.2.15 Air Emissions

Air emissions in Ontario are regulated under the Environmental Protection Act (EPA) and its Regulations (O.Reg. 419/05, O.Reg. 245/11). Owners and operators of activities that may discharge a contaminant into the natural environment must seek approval from the Ministry of the Environment (ministry) to carry out these activities. As of October 31, 2011 amendments to the EPA resulted in a two path

environmental approval process, the Environmental Compliance Approval (ECA) and Environmental Activity and Sector Registry (EASR). The EASR allows businesses to register certain activities with the ministry, rather than apply for approvals. The EASR is for common systems and processes, currently for heating systems, standby power systems and automotive refinishing, to which preset rules of operation can be applied. Unless explicitly exempted, most industrial processes or modification to industrial processes and equipment require an ECA, formerly a Certificate of Approval (Air and Noise). Retroactive approval should be sought for equipment installed and unchanged between 1972 and June 29th, 1988 when the requirement for a Certificate of Approval was added to the EPA. The EPA provides a list of specific equipment and conditions, which are exempt from approval requirements (i.e. fuel burning equipment for comfort heating in a building using natural gas or number 2 fuel oil at a rate of less than 1.5 million British Thermal Units per hour [BTU/hour]).

Based on the Site visit, no operations were observed on-Site that would require MOECC approval for air emissions.

5.2.16 Polychlorinated Biphenyls (PCBs)

The manufacture of PCBs in North America was prohibited under the Toxic Substances Control Act (1977). Their use as a constituent of new products manufactured in or imported into Canada was prohibited by regulations in 1977 and 1980. As such, sites developed or significantly renovated after 1980 are unlikely to have PCBs-containing equipment on the Site. Potential equipment, which could contain PCBs include fluorescent mercury and sodium vapour light ballasts, oil filled capacitors and transformers. Recent scientific research has indicated the potential presence of PCBs in window caulking material. A review of the Site was conducted to evaluate the potential presence of PCBs-containing equipment in use or stored at the Site.

Any electrical equipment containing PCBs must be disposed in accordance with Ontario Regulation 362 when it is removed from service. Ongoing operation of equipment containing PCBs is permissible.

Fluorescent light fixtures were observed throughout the Site buildings. Based on the age of the Site building (early 1970s), there is the potential for PCBs to be present on-Site in the original light ballasts and any window caulking.

A pole-mounted transformer was observed along New Street. The transformer appeared to be in good condition with no evidence of leaking or staining.

5.3 Enhanced Investigation Property Observations

An Enhanced Investigation Property is “(i) a property used, or has ever been used, in whole or part, for an industrial purpose, or (ii) a commercial property used as a garage, a bulk liquid dispensing facility, including a gasoline outlet or for the operation of dry cleaning equipment” (O.Reg. 153/04).

Based on the records review and Site reconnaissance, the Site was not classified as an Enhanced Investigation Property.

5.4 Adjacent and Surrounding Properties

A visual reconnaissance of the adjacent properties and properties within the Phase One ESA study area was conducted from publicly accessible areas to identify the occupants; and document any PCAs that may be contributing to an APEC at the Site.

The surrounding properties consisted primarily of commercial and residential buildings.

The commercial tenants of the adjacent properties are listed in the following table. The remaining properties were noted to be residential.

Direction	Address	Occupants	Associated PCA
North	490 Guelph Line	Beverly Tire & Auto	27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles (PCA-7)
	500 Guelph Line	TD Canada Trust	N/A
	514 Guelph Line	Greystone Antique/Vintage	N/A
	520 Guelph Line	Julie Spa & Laser Centre	N/A
	526 Guelph Line	Multi-tenant Doctors Office	N/A
Northeast	480-482 Guelph Line	Parkers of Burlington Fine Drycleaners and Launderers (vacant), To Wave & To Hold, Franks Magic Crops, Drivers Ed	37- Operation of Dry Cleaning Equipment (where chemicals are used) (PCA-1)
	489 Guelph Line	Burlington Camera & Digital	N/A
	466 Guelph Line	Lela's Fine Furniture	N/A
	451-477 Guelph Line	Vinny Nails Spa, Wimpy's Diner, Gino's Pizza, L&I Variety, Optometrist, Sara Grocers, Dentist, Hot Wok, The Vitamin Store, Salon, Sammy's Restaurant , Roseland Cleaners	37- Operation of Dry Cleaning Equipment (where chemicals are used) (PCA-5)
	3023 New Street	Shopper's Drug Mart	N/A
	3025 New Street	Roseland Barber	N/A
	3027 New Street	Roseland Denture Clinic, Spiritualist Society of Burlington, Blacktree Restaurant	N/A
	3005-3021 New Street	The Dutch Shop, Roseland Cleaners, Total Health Link, Euro Style Flower Market, JC's Hot Bagels, Massage & Wellness, Roseland C&V, Tim Hortons	N/A
	3001 New Street	Bay Cities Animal Hospital, Roseland Dental	N/A
	3040 New Street	Grinning Gourmands, Aches'n'Pains, Parkers of Burlington Fire Dry Cleaners & Launderers (new location), Drivers School	37- Operation of Dry Cleaning Equipment (where chemicals are used) (PCA-18)
	3030 New Street	Midas Auto Service Experts	27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles (PCA-7)
	3014-3018 New Street	Sports Specific Training, Lake City Home Improvements, Cash and Carry, Law Office	N/A
	433 Guelph Line	The Follicle Hair Salon & Spa, The Medicine Shoppe Pharmacy	N/A

Direction	Address	Occupants	Associated PCA
East	458 Guelph Line	Petro- Canada Fuel Station	28- Gasoline and Associated Products Storage in Fixed Tanks (PCA-3A)
Southeast	405-411 Guelph Line	Roseland Law Chambers, Roseland Health & Fitness, Lucida Hair Studio, Liv Spa	N/A
	415-425 Guelph Line	Jibs Action Sports Inc, Olive Us Greek Restaurant, The Magic Crops, Tanning Company, Nails Spa	N/A
	418 Guelph Line	Albert McDonagh Ltd. Real Estate	N/A
	422 Guelph Line	Roseland Bowl	N/A
	2430-2450 New Street	Subway, Dungeon Comics, Artisan Pizza, Edible Arrangements, Edward Jones, Investments, Hair Xtacy Salon, DRT Products Inc., Quality Used Tires	N/A

No evidence of poor housekeeping was observed on the surrounding properties at the time of the Site reconnaissance

Based on the visual reconnaissance of adjacent and surrounding properties within the Phase One ESA study area, no other PCAs were identified.

5.5 Written Description of Investigation

A reconnaissance of the Site was conducted by EXP to examine the exterior and interior of on-Site buildings and structures, and to examine the exterior portions of the Site. Access was provided to the interiors of the Site building. Mechanical equipment (including heating and cooling systems) was documented and characterized, as was any evidence of USTs and ASTs. The exterior portions of the Site were examined for evidence of utilities and related infrastructure; water wells; Site drainage and related infrastructure; stained areas; stressed vegetation; and evidence of fill material.

The Site reconnaissance included an examination of all properties within the Phase One study area from public access ways to document and characterize PCAs, water bodies and areas of natural significance.

6. Review and Evaluation of Information

6.1 Current and Past Uses

A review of the historical records indicated that the Site was first developed for residential land use along the south portion of the Site since at least 1934 until the early 1970s when the buildings were demolished and the property was converted into a commercial plaza.

6.2 Potentially Contaminating Activities (PCAs)

A list of all PCAs identified at the Site and within the Phase One ESA study area is included as Table II (Appendix J) and shown on Figure 3.

6.3 Areas of Potential Environmental Concern (APECs)

Based on the inferred groundwater flow direction to the south/southeast, the properties within the Phase One Study Area north of the Site are considered to be hydraulically up-gradient of the Site; and, the properties to the east of the Site are considered to be hydraulically trans-gradient to the Site. PCAs to the south were considered to be down-gradient to the Site. No PCAs were identified west of the Site. Furthermore, or significantly distant from the Site (i.e. greater than 100 m) were considered to be too distant to be contributing to an APEC on the Site.

The APECs identified at the Site are summarized in Table III (Appendix J) and Figure 4.

7. Conclusions

Based on the results and findings of the Phase One ESA, a Phase Two ESA is required to investigate the APECs identified on the Phase One Property before a RSC may be submitted.

Closure

We trust this report is satisfactory for your purposes. Should you have any questions, please do not hesitate to contact this office.

Yours truly,

EXP Services Inc.

DRAFT

Kelsey Proks, B.Sc.
Environmental Specialist
Earth & Environmental Services

DRAFT

Stephanie Hsia, B.Sc.
Environmental Scientist
Earth & Environmental Services

DRAFT

Erik Enders, P.Geo. QP_{ESA}
Environmental Geoscientist
Earth & Environmental Services

8. References

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Figures



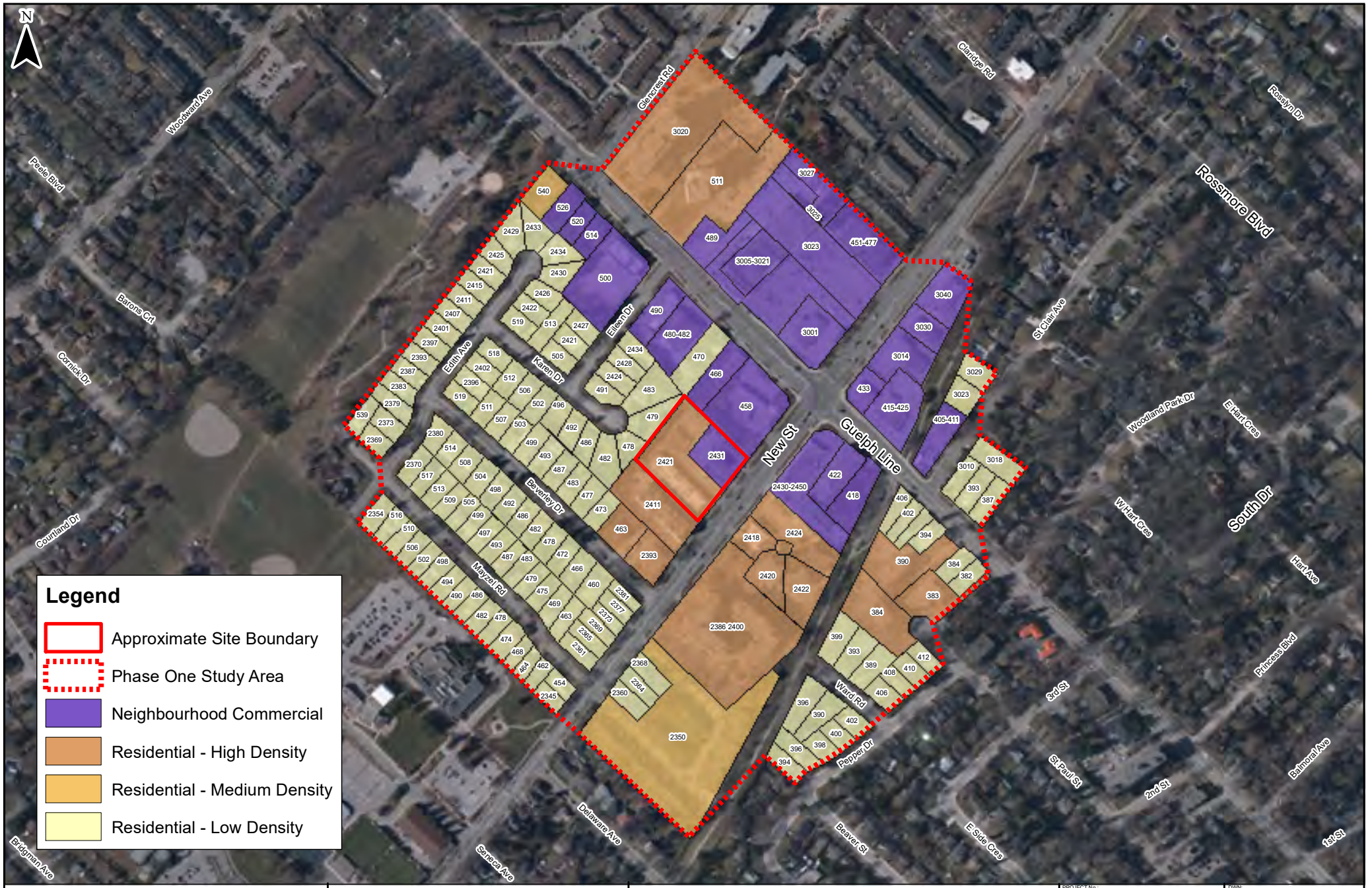
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Hamilton, ON L8E 2W5
Canada
www.exp.com

• BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

TITLE AND LOCATION:

SITE LOCATION PLAN
Phase One Environmental Site Assessment
2421 & 2431 New Street
Burlington, Ontario

PROJECT No.: HAM-00801287-A0	DWN: AC
SCALE: AS NOTED	CHKD: EE
DATE: OCTOBER 2017	FIG. No.: 1



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Data Source: Official Plan - Schedule B. City of Burlington, 2015.

0 50 100 150 200 250 m

TITLE AND LOCATION:

PHASE ONE STUDY AREA AND SURROUNDING LAND USE MAP
Phase One Environmental Site Assessment
2421 & 2431 New Street
Burlington, Ontario

PROJECT No.: HAM-00801287-A0	DWN: AC
SCALE: AS NOTED	CHKD: EE
DATE: OCTOBER 2017	FIG. No.: 2



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TITLE AND LOCATION:

POTENTIALLY CONTAMINATING ACTIVITIES
Phase One Environmental Site Assessment
2421 & 2431 New Street
Burlington, Ontario

PROJECT No.: HAM-00801287-A0	DWN: AC
SCALE: AS NOTED	CHKD: EE
DATE: DECEMBER 2017	FIG. No.: 3



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t: +1.905.573.4000 | f: +1.905.573.9693
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Hamilton, ON L8E 2W5
Canada
www.exp.com

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• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

0 8 16 24 32 40 m

TITLE AND LOCATION:

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN
Phase One Environmental Site Assessment
2421 & 2431 New Street
Burlington, Ontario

PROJECT No.: HAM-00801287-A0	DWN: AC
SCALE: AS NOTED	CHKD: EE
DATE: DECEMBER 2017	FIG. No.: 4

Tables

"Table of current and past uses of the phase one property"
(Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

2431 New Street

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Feb 1816	Catherine John	Residential or Agricultural	Residential or Agricultural	
April 1828	James Wilson			
Jan 1891	John Wood			
May 1895	Charles Wesley King			
June 1898	Sarah Kurtz			
July 1912	John Henry Root & Nathaniel Reid			
Sept 1917	May Warren			
Jan 1920	Edward Russon	Residential or Agricultural	Residential or Agricultural	
April 1923	William Horace Stanley & Harry Gavins	Residential	Residential use	Based on the 1934 and 1954 aerial photographs, the Site appears to be occupied by residential building(s)
July 1946	William Horace Stanley			
Dec 1970	Red Barn System (Canada) Limited	Commercial	Commercial use	Based on the 1972 aerial photograph, the Site appears to be developed by a commercial building similar to the configuration observed during the Site visit.
Mar 1975	Capitalex Holdings Inc.			
Mar 1975	Gus Bakos & Michael Arapoglou			

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Nov 1979	Gus Bakos	Commercial	Commercial use	
Mar 1981	472733 Ontario Limited			
Feb 1982	William Deir & Aafje Deir			
June 1986	Ray Easterbrook			
Oct 2015	2022798 Ontario Inc.			
Sept 2017 to present	TRG (New-Guelph) Inc.	Commercial	Commercial use	At the time of the Site visit, the Site was occupied by a commercial building (restaurant) that was vacant.

2421 New Street

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Feb 1816	Catherine John	Residential or Agricultural	Residential or Agricultural	
April 1828	James Wilson			
Jan 1891	John Wood			
May 1895	Charles Wesley King			
June 1898	Sarah Kurtz			
July 1912	John Henry Root & Nathaniel Reid			
Sept 1917	May Warren			
Jan 1920	Edward Russon			
April 1923	William Horace Stanley & Harry Gavins	Residential	Residential use	Based on the 1934 and 1954 aerial photographs, the Site appears to be occupied by residential building(s)
July 1946	William Horace Stanley	Residential	Residential use	
May 1969	Red Barn System (Canada) Limited	Commercial	Commercial use	Based on the 1972 aerial photograph, the Site appears to be developed by two commercial

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Dec 1970	Loren Developments Limited	Commercial	Commercial use	buildings similar to the configuration observed during the Site visit
April 2003	2022798 Ontario Inc.	Commercial	Commercial use	
Sept 2017 to present	TRG (New-Guelph) Inc.	Commercial	Commercial use	At the time of the Site visit, the Site was occupied by two commercial buildings

Notes:

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

Agriculture or other use
Commercial use
Community use
Industrial use
Institutional use
Parkland use
Residential use

2 - when submitting a record of site condition for filing, a copy of this table must be attached

Cette publication hautement spécialisée n'est disponible qu'en anglais en vertu du règlement 671/92, qui en exempte l'application de la Loi sur les services en français. Pour obtenir de l'aide en francais, veuillez communiquer avec le ministère de l'Environnement et de l'Action en matière de changement climatique au 1-800-461-6290

Appendix A: Limitation of Liability, Scope of Report, and Third Party Reliance

LIMITATIONS AND USE OF REPORT

BASIS OF REPORT

The Report is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of exp may require re-evaluation. Where special concerns exist, or the Client has special considerations or requirements, these should be disclosed to exp to allow for additional or special investigations to be undertaken not otherwise within the scope of investigation conducted for the purpose of the Report.

Where applicable, recommended field services are the minimum necessary to ascertain that construction is being carried out in general conformity with building code guidelines, generally accepted practices and exp's recommendations. Any reduction in the level of services recommended will result in exp providing qualified opinions regarding the adequacy of the work. exp can assist design professionals or contractors retained by the Client to review applicable plans, drawings, and specifications as they relate to the Report or to conduct field reviews during construction.

RELIANCE ON INFORMATION PROVIDED

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to exp by the Client and others. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by the Client. exp has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information. Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to exp.

STANDARD OF CARE

This report ("Report") has been prepared in a manner consistent with the degree of care and skill exercised by engineering consultants currently practicing under similar circumstances and locale. No other warranty, expressed or implied, is made. Unless specifically stated otherwise, the Report does not contain environmental consulting advice.

COMPLETE REPORT

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment form part of the Report. This material includes, but is not limited to, the terms of reference given to exp by the Client, communications between exp and the Client, other reports, proposals or documents prepared by exp for the Client in connection with the site described in the Report. In order to properly understand the suggestions, recommendations and opinions expressed in the Report, reference must be made to the Report in its entirety. exp is not responsible for use by any party of portions of the Report.

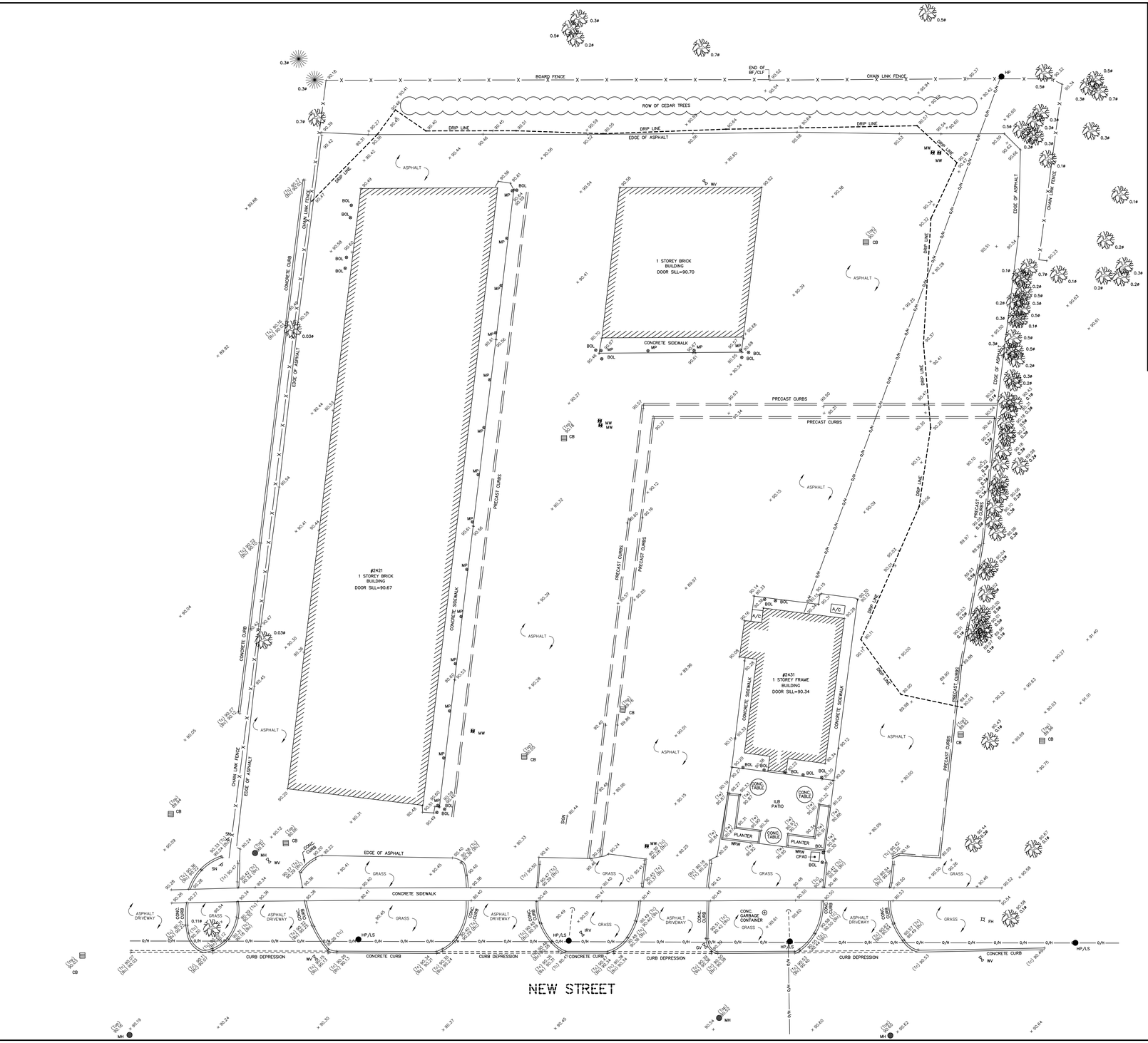
USE OF REPORT

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. No other party may use or rely upon the Report in whole or in part without the written consent of exp. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. exp is not responsible for damages suffered by any third party resulting from unauthorised use of the Report.

REPORT FORMAT

Where exp has submitted both electronic file and a hard copy of the Report, or any document forming part of the Report, only the signed and sealed hard copy shall be the original documents for record and working purposes. In the event of a dispute or discrepancy, the hard copy shall govern. Electronic files transmitted by exp utilize specific software and hardware systems. exp makes no representation about the compatibility of these files with the Client's current or future software and hardware systems. Regardless of format, the documents described herein are exp's instruments of professional service and shall not be altered without the written consent of exp.

Appendix B: Survey Plan





KEY PLAN
(NOT TO SCALE)

TOPOGRAPHY OF

#2421 AND #2431 NEW STREET CITY OF BURLINGTON

SCALE 1:200

5 0 5 10 15 20m

METRIC: DISTANCES SHOWN HEREON ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

NOTE
THIS IS NOT A PLAN OF SURVEY AND SHALL NOT BE USED FOR CONSTRUCTION DESIGN, TRANSACTION, OR MORTGAGE PURPOSES.

ELEVATION
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO CITY OF BURLINGTON BENCHMARK No. 360. HAVING AN ELEVATION OF 87.949 METRES.

LEGEND

(Tc)	DENOTES TOP OF CURB
(Bc)	DENOTES BOTTOM OF CURB
(Tw)	DENOTES TOP OF WALL
123.45	DENOTES EXISTING GRADE ELEVATION
MW	DENOTES MONITORING WELL
BOL	DENOTES BOLLARD
CB	DENOTES CATCH BASIN
0.0ø	DENOTES CONIFEROUS TREE WITH TRUNK DIAMETER
0.0ø	DENOTES DECIDUOUS TREE WITH TRUNK DIAMETER
	DENOTES DOWN GUY ANCHOR
FH	DENOTES FIRE HYDRANT
GV	DENOTES GAS VALVE
HP/LS	DENOTES HYDRO POLE WITH LAMP STANDARD
MH	DENOTES MANHOLE
SN	DENOTES SIGN
MP	DENOTES METAL POST
WV	DENOTES WATER VALVE
x—x	DENOTES FENCE
O/H	DENOTES HYDRO SERVICE (OVERHEAD)
IRV	DENOTES IRRIGATION VALVE
CONC.	DENOTES CONCRETE
ILB	DENOTES INTERLOCKING BRICK
CPAD	DENOTES CONCRETE PAD
BF	DENOTES BOARD FENCE
CLF	DENOTES CHAIN LINK FENCE
A/C	DENOTES AIR CONDITIONER

MUNICIPAL ADDRESS
#2421 AND #2431 NEW STREET, BURLINGTON

UPDATE
TREES AND DRIP LINES ADDED ON NOVEMBER 29, 2017.

THE FIELD WORK WAS COMPLETED ON THE 24th DAY OF OCTOBER, 2017

FIELD:	A.M.	DRAWN:	S.D./c.l.	CHECKED:	W.G.	JOB NO:	17-218
DWG NAME:	17-218TP01	PLOT INFO:	13:13 29/Nov/2017	WORK ORDER NO:		20668	

Appendix C: Qualification of Assessors

QUALIFICATIONS OF ASSESSORS

The Site visit for this assessment were conducted by Ms. Kelsey Proks, B.Sc., who has been trained to conduct Phase I ESAs in accordance with CSA Standards. She has conducted numerous Phase I ESAs for commercial/industrial/residential clients and is routinely engaged in this field.

The records review was conducted by Ms. Stephanie Hsia, who has been trained to conduct Phase One ESAs in accordance with O.Reg 153/04. Ms. Hsia has seven (7) years of experience and is an Environmental Scientist with EXP. Ms. Hsia graduated with a Bachelors of Environmental Life Science degree from Queen's University and obtained and a Post Graduate Certificate in Environmental Management and Assessment at Niagara College. She has conducted numerous Phase One ESAs for commercial, industrial and residential properties and is routinely engaged in the field. She also has experience with Phase I Environmental Site Assessments in other provinces such as Quebec, Manitoba and Alberta.

The report was reviewed by Mr. Erik Enders, P.Geo. who is an Environmental Geoscientist Senior Environmental Scientist at EXP with over ten years environmental consulting experience in Canada. Mr. Enders has managed and conducted numerous Phase I and Phase II Environmental Site Assessments as well as numerous other due diligence projects and is a "Qualified Person" registered with the Ontario Ministry of the Environment and Climate Change.

EXP Services Inc. is a full service consulting and engineering firm and provides a full range of environmental services through the Environmental Services Group. EXP's Environmental Services Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with the Ontario Ministry of the Environment and Climate Change. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the EXP organization.

Appendix D: Chain of Title Search

CHAIN OF TITLE REPORT

Project #: HAM-00801287-A0
Address: 2421 New Street, Burlington
Legal Description: Part lot 16 Con 3 SDS desig. As Part 1, 20R15030

PIN #: 07068-0255(LT)

Searched at: Milton
LRO #: 20

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	01 02 1816	Crown	Catherine JOHN
189	Deed	11 04 1828	Catherine John	James WILSON
4786	Deed	14 01 1891	James Wilson - estate	John WOOD
5598	Deed	13 05 1895	John Wood	Charles Wesley KING
6102	Deed	13 06 1898	Charles Wesley KING	Sarah KURTZ
8819	Deed	23 07 1912	Sarah Kurtz	John Henry ROOT & Nathaniel REID
9998	Deed	11 09 1917	John H. Root & Nathaniel Reid	May WARREN
10668	Deed	03 01 1920	May Warren	Edward RUSSON
6080	Deed	10 04 1923	Edward Russon	William Horace STANLEY & Harry GAVINS

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #:	HAM-00801287-A0	**Searched at:**	Milton	
Address:	2421 New Street, Burlington	**LRO #:**	20	Page 2
Legal Description:	Part lot 16 Con 3 SDS desig. As Part 1, 20R15030			
PIN #:	07068-0255(LT)			

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
20032	Deed	25 07 1946	Harry Gavins	William Horace STANLEY
271316	Deed	30 05 1969	William Horace Stanley - estate	Red Barn System (Canada) Limited
327278	Deed	10 12 1970	Red Barn System (Canada) Limited	Loren Developments Limited
HR191435	Deed	17 04 2003	Loren Developments Limited	2022798 Ontario Inc.
HR1490481	Deed (Present Owner)	19 09 2017	2022798 Ontario Inc.	**TRG (New-Guelph) Inc.**

PROPERTY DESCRIPTION: PT LT 16, CON 3 SDS, PT 1, 20R15030; BURLINGTON

PROPERTY REMARKS: CORRECTION: INSTRUMENT NUMBER 119980 WAS OMITTED FROM THIS PROPERTY IN ERROR AND WAS ADDED AND CERTIFIED ON 2007/04/10 BY JANE FOSTER.

ESTATE/QUALIFIER:	RECENTLY:	PIN CREATION DATE:
FEE SIMPLE LT CONVERSION QUALIFIED	RE-ENTRY FROM 07068-0207	2003/04/07

OWNERS' NAMES	CAPACITY	SHARE
TRG (NEW-GUELPH) INC.	ROWN	

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2003/04/07 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 2003/04/07 **						
119980	1961/01/25	BYLAW				C
323083	1971/10/06	AGREEMENT			THE CORPORATION OF THE TOWN OF BURLINGTON	C
Z327278	1971/12/10	REST COV APL ANNEX				C
336172	1972/05/15	NOTICE OF LEASE		*** DELETED AGAINST THIS PROPERTY ***	MAC'S MILK LIMITED	
338888	1972/06/22	LEASE		*** DELETED AGAINST THIS PROPERTY ***	BURTIS, BARRY B. WINSLOW, PAUL H.	
342620	1972/08/01	NOTICE OF LEASE		*** DELETED AGAINST THIS PROPERTY ***	VIDA, ILONA	
453408	1977/04/15	LEASE		*** DELETED AGAINST THIS PROPERTY ***	BURTIS, BARRY B. WINSLOW, PAUL H.	

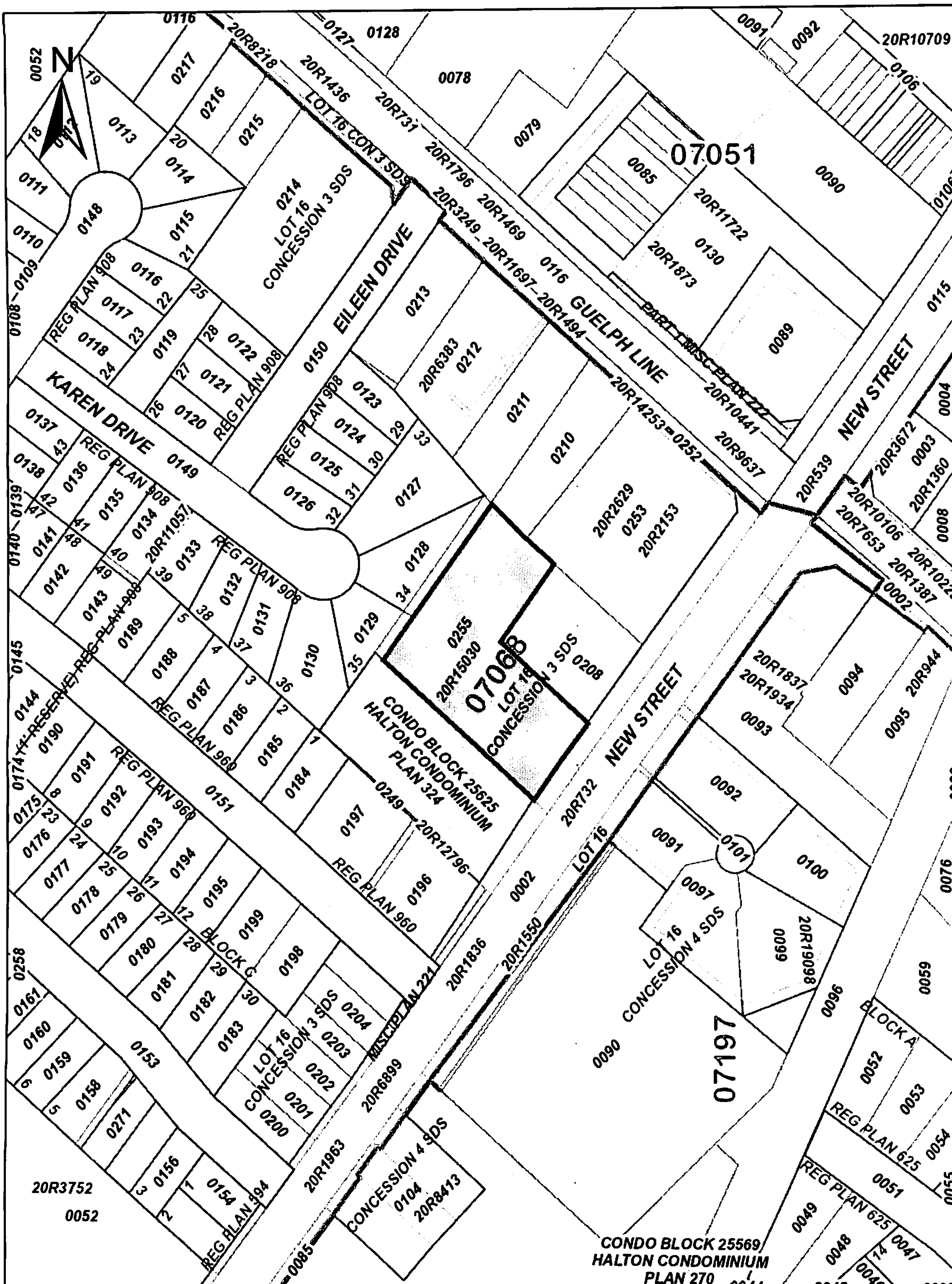
NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
618306	1985/05/03	CHARGE		*** DELETED AGAINST THIS PROPERTY ***	GUARANTY TRUST COMPANY OF CANADA	
618465	1985/05/08	ASSIGNMENT GENERAL		*** DELETED AGAINST THIS PROPERTY ***		
	REMARKS: RENTS					
775658	1991/11/22	LIEN				C
777981	1992/01/08	CERTIFICATE				C
	REMARKS: 775658					
20R15030	2003/03/26	PLAN REFERENCE				C
H856958	2003/04/01	TRANSFER		*** COMPLETELY DELETED *** LOREN DEVELOPMENTS LIMITED	LOREN DEVELOPMENTS LIMITED	
H856959	2003/04/07	DEPOSIT		2022798 ONTARIO INC.		C
HR191196	2003/04/17	NO DET/SURR LEASE		*** COMPLETELY DELETED ***	LOREN DEVELOPMENTS LIMITED	
	REMARKS: RE: 336172 338888, 342620 & 453408					
HR191435	2003/04/17	TRANSFER	$930,000	LOREN DEVELOPMENTS LIMITED	2022798 ONTARIO INC.	C
	REMARKS: PLANNING ACT STATEMENTS					
HR191436	2003/04/17	CHARGE		*** COMPLETELY DELETED *** 2022798 ONTARIO INC.	KOREA EXCHANGE BANK OF CANADA	
HR191443	2003/04/17	NO ASSGN RENT GEN		*** COMPLETELY DELETED *** 2022798 ONTARIO INC.	KOREA EXCHANGE BANK OF CANADA	
	REMARKS: HR191436 - RENTS					
HR605713	2007/09/21	DISCH OF CHARGE		*** COMPLETELY DELETED *** GUARANTY TRUST COMPANY OF CANADA		
	REMARKS: RE: 618306					
HR1489455	2017/09/15	DISCH OF CHARGE		*** COMPLETELY DELETED *** KOREA EXCHANGE BANK OF CANADA		
	REMARKS: HR191436.					
HR1490481	2017/09/19	TRANSFER	$4,650,000	2022798 ONTARIO INC.	TRG (NEW-GUELPH) INC.	C

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
HR1490482	2017/09/19	CHARGE	$3,650,000	TRG (NEW-GUELPH) INC.	2022798 ONTARIO INC.	C
HR1490505	2017/09/19	NO ASSGN RENT GEN		TRG (NEW-GUELPH) INC.	2022798 ONTARIO INC.	C

REMARKS: HR1490482.

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



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SCALE

0 25 50 75 Meters

PROPERTY INDEX MAP

HALTON(No. 20)

LEGEND

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

THIS IS NOT A PLAN OF SURVEY

NOTES

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

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CHAIN OF TITLE REPORT

Project #: HAM-00801287-A0
Address: 2431 New Street, Burlington
Legal Description: Part lot 16 Con 3 SDS as in 643033

Searched at: Milton
LRO #: 20

PIN #: 07068-0208(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	01 02 1816	Crown	Catherine JOHN
189	Deed	11 04 1828	Catherine John	James WILSON
4786	Deed	14 01 1891	James Wilson - estate	John WOOD
5598	Deed	13 05 1895	John Wood	Charles Wesley KING
6102	Deed	13 06 1898	Charles Wesley KING	Sarah KURTZ
8819	Deed	23 07 1912	Sarah Kurtz	John Henry ROOT & Nathaniel REID
9998	Deed	11 09 1917	John H. Root & Nathaniel Reid	May WARREN
10668	Deed	03 01 1920	May Warren	Edward RUSSON
6080	Deed	10 04 1923	Edward Russon	William Horace STANLEY & Harry GAVINS

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: HAM-00801287-A0
Address: 2431 New Street, Burlington
Legal Description: Part lot 16 Con 3 SDS as in 643033

Searched at: Milton
LRO #: 20

PIN #: 07068-0208(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
20032	Deed	25 07 1946	Harry Gavins	William Horace STANLEY
304502	Deed	01 12 1970	William Horace Stanley	Red Barn System (Canada) Limited
407407	Deed	10 03 1975	Red Barn System (Canada) Limited	Capitalex Holdings Inc.
407699	Deed	14 03 1975	Capitalex Holdings Inc.	Gus BAKOS & Michael ARAPOGLOU
407698	Mortgage	14 03 1975	Gus Bakos & Michael Arapoglou	Capitalex Holdings Inc. (Mortgagee)
473615	Lease	08 02 1978	Gus Bakos & Michael Arapoglou	Spiros SIAMETIS, Bill SIAMETIS & Tom SIAMETIS (Lessees)
513791	Deed	09 11 1979	Michael Arapolou	Gus BAKOS
536928	Deed (Power of Sale)	16 03 1981	Capitalex Holdings Inc (Gus Bakos defaulted in Mtg 407698)	472733 Ontario Limited
553020	Deed	04 02 1982	472733 Ontario Limited	William DEIR & Aafje DEIR

Cont'd on page 3

CHAIN OF TITLE REPORT

Project #: HAM-00801287-A0
Address: 2431 New Street, Burlington
Legal Description: Part lot 16 Con 3 SDS as in 643033

PIN #: 07068-0208(LT)

Searched at: Milton
LRO #: 20

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
618859	Lease	16 05 1985	William Deir & Aafje Deir	R.I.R. Food Services Ltd. (Lessee)
618860	Option to Purchase	16 05 1985	William Deir & Aafje Deir	R.I.R. Food Services Ltd. (Optionee)
643033	Deed	20 06 1986	William Deir & Aafje Deir	Ray EASTERBROOK
HR1307781	Deed	16 10 2015	Ray Easterbrook	2022798 Ontario Inc.
HR1490481	Deed **(Present Owner)**	19 09 2017	2022798 Ontario Inc.	**TRG (New-Guelph) Inc.**

Ontario ServiceOntario

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #20

07068-0208 (LT)

PREPARED FOR Bertucci1
ON 2017/10/30 AT 14:50:05

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

PROPERTY DESCRIPTION: PT LT 16 , CON 3 SOUTH OF DUNDAS STREET , AS IN 643033 ; BURLINGTON/NELSON TWP

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1996/12/16

OWNERS' NAMES
TRG (NEW-GUELPH) INC.

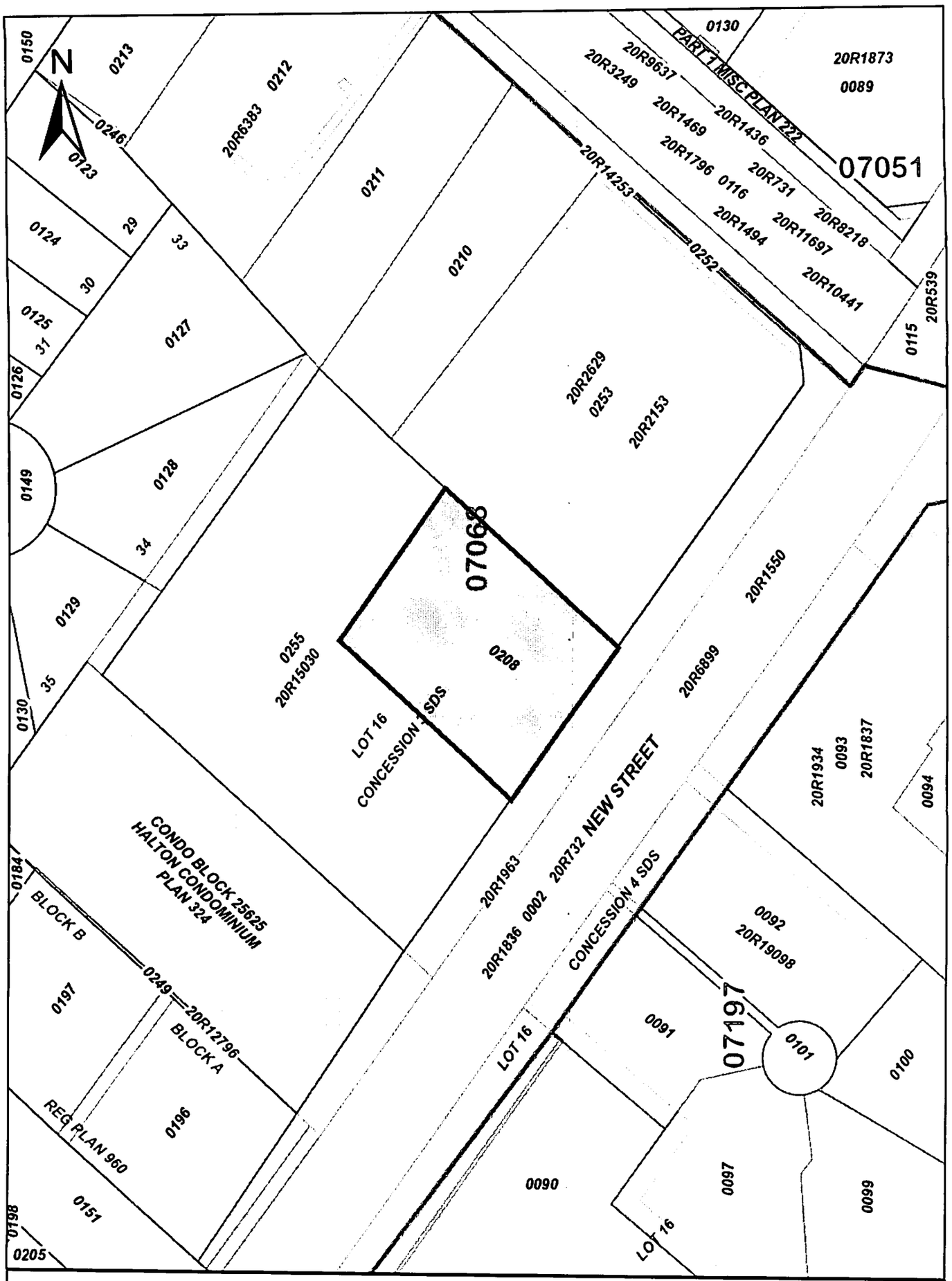
CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
**EFFECTIVE	2000/07/29	THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/12/16 ON THIS PIN**				
**WAS REPLACED WITH THE	"PIN CREATION DATE"	OF 1996/12/16**				
** PRINTOUT	INCLUDES ALL	DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/12/13 **				
**SUBJECT,	ON FIRST	REGISTRATION UNDER THE LAND TITLES ACT, TO:				
**		SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *				
**		AND ESCHEATS OR FORFEITURE TO THE CROWN.				
**		THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF				
**		IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY				
**		CONVENTION.				
**		ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.				
**DATE OF CONVERSION TO		LAND TITLES: 1996/12/16 **				
119980	1961/01/25	BYLAW				C
410883	1975/05/08	AGREEMENT			THE CORPORATION OF THE CITY OF BURLINGTON	C
473615	1978/02/08	LEASE			SIAMETIS, SPIROS SIAMETIS, BILL SIAMETIS, TOM	C
618859	1985/05/16	NOTICE OF LEASE			R.I.R. FOOD SERVICES LTD.	C
618860	1985/05/16	NO OPTION PURCHASE				C
643033	1986/06/20	TRANSFER		*** COMPLETELY DELETED ***	EASTERBROOK, RAY	
670488	1987/07/02	CHARGE		*** COMPLETELY DELETED ***		

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
					THE ROYAL BANK OF CANADA	
703471	1988/10/06	CHARGE		*** COMPLETELY DELETED ***	THE ROYAL BANK OF CANADA	
HR730688	2009/01/26	DISCH OF CHARGE		*** COMPLETELY DELETED *** ROYAL BANK OF CANADA		
	REMARKS: RE: 703471					
HR1307781	2015/10/16	TRANSFER		*** COMPLETELY DELETED *** EASTERBROOK, RAY	2022798 ONTARIO INC.	
HR1309733	2015/10/26	DISCH OF CHARGE		*** COMPLETELY DELETED *** ROYAL BANK OF CANADA		
	REMARKS: 670488.					
HR1490481	2017/09/19	TRANSFER	$4,650,000	2022798 ONTARIO INC.	TRG (NEW-GUELPH) INC.	C
HR1490482	2017/09/19	CHARGE	$3,650,000	TRG (NEW-GUELPH) INC.	2022798 ONTARIO INC.	C
HR1490505	2017/09/19	NO ASSGN RENT GEN		TRG (NEW-GUELPH) INC.	2022798 ONTARIO INC.	C
	REMARKS: HR1490482.					

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
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SCALE
0 25
Meters

PROPERTY INDEX MAP
HALTON(No. 20)

LEGEND

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

THIS IS NOT A PLAN OF SURVEY

NOTES

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

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Appendix E: Ecolog ERIS Report

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Phase One ESA- 2421 & 2431 New Street* *2421 New St* *Burlington ON L7R1K1*
Project No:	*HAM-00801287-A0*
Report Type:	*Standard Report*
Order No:	*20171012116*
Requested by:	*exp Services Inc.*
Date Completed:	*October 17, 2017*

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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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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Executive Summary

Property Information:

Project Property:	*Phase One ESA- 2421 & 2431 New Street* *2421 New St Burlington ON L7R1K1*
Project No:	*HAM-00801287-A0*

Coordinates:

Latitude:	*43.337769*
Longitude:	*-79.786985*
UTM Northing:	*4,799,038.97*
UTM Easting:	*598,327.99*
UTM Zone:	*UTM Zone 17T*

Elevation: *292 FT*
89.03 M

Order Information:

Order No:	*20171012116*
Date Requested:	*October 12, 2017*
Requested by:	*exp Services Inc.*
Report Type:	*Standard Report*

Historical/Products:

Topographic Map	*Ontario Base Map (OBM)*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	*Abandoned Aggregate Inventory*	Y	0	0	0
AGR	*Aggregate Inventory*	Y	0	0	0
AMIS	*Abandoned Mine Information System*	Y	0	0	0
ANDR	*Anderson's Waste Disposal Sites*	Y	0	0	0
AUWR	*Automobile Wrecking & Supplies*	Y	0	0	0
BORE	*Borehole*	Y	0	3	3
CA	*Certificates of Approval*	Y	0	0	0
CFOT	*Commercial Fuel Oil Tanks*	Y	0	0	0
CHEM	*Chemical Register*	Y	0	0	0
CNG	*Compressed Natural Gas Stations*	Y	0	0	0
COAL	*Inventory of Coal Gasification Plants and Coal Tar Sites*	Y	0	0	0
CONV	*Compliance and Convictions*	Y	0	0	0
CPU	*Certificates of Property Use*	Y	0	0	0
DRL	*Drill Hole Database*	Y	0	0	0
EASR	*Environmental Activity and Sector Registry*	Y	0	0	0
EBR	*Environmental Registry*	Y	0	0	0
ECA	*Environmental Compliance Approval*	Y	0	0	0
EEM	*Environmental Effects Monitoring*	Y	0	0	0
EHS	*ERIS Historical Searches*	Y	1	8	9
EIIS	*Environmental Issues Inventory System*	Y	0	0	0
EMHE	*Emergency Management Historical Event*	Y	0	0	0
EXP	*List of TSSA Expired Facilities*	Y	0	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	2	44	46
GHG	*Greenhouse Gas Emissions from Large Facilities*	Y	0	0	0
HINC	*TSSA Historic Incidents*	Y	0	0	0
IAFT	*Indian & Northern Affairs Fuel Tanks*	Y	0	0	0
INC	*TSSA Incidents*	Y	0	0	0
LIMO	*Landfill Inventory Management Ontario*	Y	0	0	0
MINE	*Canadian Mine Locations*	Y	0	0	0
MNR	*Mineral Occurrences*	Y	0	0	0
NATE	*National Analysis of Trends in Emergencies System (NATES)*	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	1	1
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	0	0
RST	Retail Fuel Storage Tanks	Y	0	2	2
SCT	Scott's Manufacturing Directory	Y	0	3	3
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	1	18	19
	Total:		4	105	109

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	22
2	EHS		2421 New Street Burlington ON L7R 1K1	NW/21.2	0.70	22
3	GEN	big kahuna tatt shack	2421 new st burlington ON L7R1K1	S/26.0	-0.18	23
3	GEN	big kahuna tatt shack	2421 new st burlington ON L7R1K1	S/26.0	-0.18	23

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	WWIS		Burlington ON	SE/26.9	-0.18	23
5	WWIS		Burlington ON	N/62.7	0.82	26
6	EXP	SIMCOE ENERGY & TECHNICAL SERVICES INC *	458 GUELPH LINE BURLINGTON ON	NE/68.8	0.82	28
6	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/68.8	0.82	28
6	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/68.8	0.82	29
6	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/68.8	0.82	29
6	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/68.8	0.82	29
6	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON	NE/68.8	0.82	30
6	FSTH	1301060 ONTARIO INC O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/68.8	0.82	30
6	FSTH	1301060 ONTARIO INC O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/68.8	0.82	31
6	PRT	ROSANNE BERRY	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/68.8	0.82	31
6	PRT	SOUTH WESTERN ONTARIO PROPANE DIV 998131 ONTARIO L	458 GUELPH LINE BURLINGTON ON L7R3L9	NE/68.8	0.82	31
6	PRT	GUS HOLDINGS	458 GUELPH LINE BURLINGTON ON L7R3L9	NE/68.8	0.82	31
6	PRT		458 GUELPH LINE N. BURLINGTON ON	NE/68.8	0.82	32
6	RST	PETRO-CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/68.8	0.82	32
6	SPL	PETRO-CANADA	458 GUELPH LINE NORTH, BURLINGTON SERVICE STATION BURLINGTON CITY ON	NE/68.8	0.82	32
7	WWIS		lot 16 con 3 BURLINGTON ON	N/76.2	0.82	32
8	WWIS		Burlington ON	N/77.6	0.82	35
9	WWIS		Burlington ON	NNE/80.7	0.82	37
10	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/86.1	0.82	40
10	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/86.1	0.82	40
10	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/86.1	0.82	41

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/86.1	0.82	41
10	EXP	1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/86.1	0.82	41
10	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/86.1	0.82	41
10	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/86.1	0.82	42
10	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE/86.1	0.82	42
10	RST	PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R3L9	NE/86.1	0.82	42
11	SCT	DRT Products Inc.	2434 New St Burlington ON L7R 1J6	E/92.9	-0.12	42
12	WWIS		Burlington ON	NNE/94.4	0.82	43
13	GEN	DRSSL LIMITED	466 Guelph Line Burlington ON L7R3L9	NNE/96.2	0.82	45
13	GEN	DRSSL LIMITED	466 Guelph Line Burlington ON L7R3L9	NNE/96.2	0.82	46
14	WWIS		BURLINGTON ON	NNE/100.0	0.82	46
15	PINC		2418 NEW STREET, BURLINGTON ON	SE/102.9	-1.18	49
15	SPL		2418 New Street Burlington ON	SE/102.9	-1.18	49
16	WWIS		BURLINGTON ON	N/106.1	0.82	49
17	EHS		2440 New Street Burlington ON L7R 1J6	E/109.0	-0.23	52
18	PES	JAN GELDERMAN LANDSCAPING LTD.	491 KAREN DRIVE BURLINGTON ON L7R 3J2	NW/113.9	0.82	52
19	EHS		480 Guelph Line Burlington ON L7R 3M1	N/119.5	0.82	52
19	EHS		480 Guelph Line Burlington ON L7R 3M1	N/119.5	0.82	53
19	EHS		480 Guelph Line Burlington ON L7R 3M1	N/119.5	0.82	53
19	GEN	PARKERS (ON0311300/SEE&USE JAMES H PARK)	480 GUELPH LINE BURLINGTON ON L7R 3M1	N/119.5	0.82	53
19	GEN	JAMES H PARKER LTD	(PARKERS CLEANERS) 480 GULEPH LINE BURLINGTON ON L7R 3M1	N/119.5	0.82	53
19	GEN	JAMES H. PARKER LTD.	480 GUELPH LINE BURLINGTON ON L7R 3M1	N/119.5	0.82	54
19	GEN	JAMES H PARKER LTD 22-016	(PARKERS CLEANERS) 480 GULEPH LINE BURLINGTON ON L7R 3M1	N/119.5	0.82	54
19	GEN	JAMES H. PARKER LIMITED	480 GUELPH LINE BURLINGTON ON L7R 3M1	N/119.5	0.82	54
19	GEN	Parker's Cleaners	480 Guelph Line Burlington ON L7R 3M1	N/119.5	0.82	55
19	GEN	Parker Cleaners	480 Guelph Line Burlington ON	N/119.5	0.82	55

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	GEN	Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	N/119.5	0.82	55
19	GEN	Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	N/119.5	0.82	55
19	GEN	Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	N/119.5	0.82	56
19	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N/119.5	0.82	56
19	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N/119.5	0.82	56
20	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON	N/124.5	0.82	56
20	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N/124.5	0.82	57
20	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N/124.5	0.82	57
20	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N/124.5	0.82	57
20	GEN	Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N/124.5	0.82	58
21	SCT	PRINT THREE	2442 NEW ST BURLINGTON ON L7R 1J6	E/128.7	-0.22	58
22	WWIS		lot 16 con 3 ON	N/131.9	0.82	58
23	WWIS		BURLINGTON ON	N/150.3	0.82	59
24	GEN	ESSO PETROLEUM CANADA 14-876	457 GUELPH LINE & NEW ST., BURLINGTON C/O 55 ST. CLAIR AVE. WEST TORONTO ON M5W 2J8	NE/150.4	0.82	61
25	BORE		ON	E/157.1	-0.24	62
26	WWIS		lot 15 con 3 BURLINGTON ON	NE/160.3	0.82	62
27	GEN	MARSALA INVESTMENTS	2424 NEW ST BURLINGTON ON L7R 1J6	SE/161.0	-2.19	65
27	GEN	MARSALA INVESTMENTS	2424 NEW ST BURLINGTON ON L7R 1J6	SE/161.0	-2.19	65
28	EHS		422 Guelph Line Burlington ON L7R 3L4	E/166.2	-1.25	65
29	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	NNE/174.4	1.49	66
30	EHS		3001 New Street Burlington ON	NE/176.9	0.82	66
30	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/176.9	0.82	66
30	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/176.9	0.82	66
30	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/176.9	0.82	67
30	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/176.9	0.82	67

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
30	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/176.9	0.82	67
31	BORE		ON	ENE/177.5	0.57	68
32	WWIS		BIRLINGTON ON	NE/178.7	0.82	68
33	WWIS		BURLINGTON ON	N/178.8	0.82	71
34	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON	NE/179.3	0.82	73
34	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/179.3	0.82	74
34	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/179.3	0.82	74
34	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/179.3	0.82	74
34	GEN	BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE/179.3	0.82	74
35	WWIS		Burlington ON	NE/182.9	0.82	75
36	WWIS		BURLINGTON ON	ENE/183.3	-0.15	77
37	WWIS		Burlington ON	NE/185.1	0.82	79
38	GEN	1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	ENE/185.5	-0.24	82
38	GEN	1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	ENE/185.5	-0.24	82
38	GEN	1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	ENE/185.5	-0.24	82
39	WWIS		Burlington ON	NE/186.3	0.82	83
40	EHS		2386 New St Burlington ON L7R1J7	SSE/186.6	-2.18	85
41	WWIS		ON	E/188.4	-1.18	85
42	GEN	Dr. David Robertson	3009 New Street, Roseland Plaza Burlington ON L7R1K3	NNE/199.2	1.82	88
43	PINC		2422 EDITH AVE, BURLINGTON ON	NW/220.3	0.82	88
44	EHS		489 Guelph Line Burlington ON L7R3M2	N/226.4	1.82	89
44	GEN	Burlington Camera Inc.	489 Guelph Line Burlington ON	N/226.4	1.82	89
44	GEN	Burlington Camera Inc.	489 Guelph Line Burlington ON L7R3M2	N/226.4	1.82	89
44	GEN	Burlington Camera Inc.	489 Guelph Line Burlington ON L7R3M2	N/226.4	1.82	89
44	GEN	Burlington Camera Inc.	489 Guelph Line Burlington ON L7R3M2	N/226.4	1.82	90
44	GEN	Burlington Camera Inc.	489 Guelph Line Burlington ON L7R3M2	N/226.4	1.82	90

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
45	GEN	Burlington Camera Inc.	489 Guelph Line Burlington ON	N/231.0	1.82	90
46	BORE		ON	NNW/232.5	0.82	90
47	GEN	Betty Wheeler	390 Guelph Line Burlington ON L7R 3L4	ESE/235.5	-2.91	91
47	GEN	Children's Education Funds Inc.	390 Guelph Line Burlington ON	ESE/235.5	-2.91	91
48	SCT	Print Three Inc.	409 Guelph Line Burlington ON L7R 3L7	E/239.1	-1.95	91

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 3 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	ENE	177.46	31
	ON	NNW	232.52	46

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	E	157.13	25

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 9 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	2421 New Street Burlington ON L7R 1K1	NW	21.18	2
	480 Guelph Line Burlington ON L7R 3M1	N	119.51	19
	480 Guelph Line Burlington ON L7R 3M1	N	119.51	19
	480 Guelph Line Burlington ON L7R 3M1	N	119.51	19
	3001 New Street Burlington ON	NE	176.88	30
	489 Guelph Line Burlington ON L7R3M2	N	226.36	44

Lower Elevation	Address	Direction	Distance (m)	Map Key
	2440 New Street Burlington ON L7R 1J6	E	108.99	17
	422 Guelph Line Burlington ON L7R 3L4	E	166.24	28
	2386 New St Burlington ON L7R1J7	SSE	186.58	40

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 12 EXP site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	68.84	6
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	68.84	6
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	68.84	6
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	68.84	6
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	68.84	6
SIMCOE ENERGY & TECHNICAL SERVICES INC *	458 GUELPH LINE BURLINGTON ON	NE	68.84	6
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON	NE	68.84	6
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	86.06	10
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	86.06	10
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	86.06	10
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	86.06	10
1491222 ONTARIO LTD O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	86.06	10

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 3 FST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	86.06	10
SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	86.06	10
SUNCOR ENERGY PRODUCTS PARTNERSHIP	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	86.06	10

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 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
1301060 ONTARIO INC O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	68.84	6
1301060 ONTARIO INC O/A PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	68.84	6

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jun 2017 has found that there are 46 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
DRSSL LIMITED	466 Guelph Line Burlington ON L7R3L9	NNE	96.17	13
DRSSL LIMITED	466 Guelph Line Burlington ON L7R3L9	NNE	96.17	13
PARKERS (ON0311300/SEE&USE JAMES H PARK)	480 GUELPH LINE BURLINGTON ON L7R 3M1	N	119.51	19
JAMES H PARKER LTD	(PARKERS CLEANERS) 480 GULEPH LINE BURLINGTON ON L7R 3M1	N	119.51	19
JAMES H. PARKER LTD.	480 GUELPH LINE BURLINGTON ON L7R 3M1	N	119.51	19
JAMES H PARKER LTD 22-016	(PARKERS CLEANERS) 480 GULEPH LINE BURLINGTON ON L7R 3M1	N	119.51	19
JAMES H. PARKER LIMITED	480 GUELPH LINE BURLINGTON ON L7R 3M1	N	119.51	19
Parker's Cleaners	480 Guelph Line Burlington ON L7R 3M1	N	119.51	19
Parker Cleaners	480 Guelph Line Burlington ON	N	119.51	19
Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	N	119.51	19
Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	N	119.51	19
Parker's Cleaners (	480 Guelph Line Burlington ON L7R 3M1	N	119.51	19
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N	119.51	19
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N	119.51	19
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON	N	124.54	20
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N	124.54	20
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N	124.54	20
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N	124.54	20

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Parker's Cleaners (Burlington) Ltd.	480 Guelph Line Burlington ON L7R 3M1	N	124.54	20
ESSO PETROLEUM CANADA 14-876	457 GUELPH LINE & NEW ST., BURLINGTON C/O 55 ST. CLAIR AVE. WEST TORONTO ON M5W 2J8	NE	150.41	24
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE	176.88	30
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE	176.88	30
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE	176.88	30
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE	176.88	30
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE	176.88	30
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON	NE	179.31	34
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE	179.31	34
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE	179.31	34
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE	179.31	34
BAY CITIES ANIMAL HOSPITAL	3001 NEW STREET BURLINGTON ON L7R 1K3	NE	179.31	34
Dr. David Robertson	3009 New Street, Roseland Plaza Burlington ON L7R1K3	NNE	199.21	42
Burlington Camera Inc.	489 Guelph Line Burlington ON	N	226.36	44
Burlington Camera Inc.	489 Guelph Line Burlington ON L7R3M2	N	226.36	44
Burlington Camera Inc.	489 Guelph Line Burlington ON L7R3M2	N	226.36	44
Burlington Camera Inc.	489 Guelph Line Burlington ON L7R3M2	N	226.36	44
Burlington Camera Inc.	489 Guelph Line Burlington ON L7R3M2	N	226.36	44
Burlington Camera Inc.	489 Guelph Line Burlington ON	N	230.96	45

Lower Elevation	Address	Direction	Distance (m)	Map Key
big kahuna tatt shack	2421 new st burlington ON L7R1K1	S	26.01	3
big kahuna tatt shack	2421 new st burlington ON L7R1K1	S	26.01	3

MARSALA INVESTMENTS	2424 NEW ST BURLINGTON ON L7R 1J6	SE	160.97	27
MARSALA INVESTMENTS	2424 NEW ST BURLINGTON ON L7R 1J6	SE	160.97	27
1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	ENE	185.49	38
1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	ENE	185.49	38
1057700 Ontario Incorporated	433 Guelph Line Ste. 1 Burlington ON L7R 3L7	ENE	185.49	38
Betty Wheeler	390 Guelph Line Burlington ON L7R 3L4	ESE	235.53	47
Children's Education Funds Inc.	390 Guelph Line Burlington ON	ESE	235.53	47

PES - Pesticide Register

A search of the PES database, dated 1988-Aug 2017 has found that there are 1 PES site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
JAN GELDERMAN LANDSCAPING LTD.	491 KAREN DRIVE BURLINGTON ON L7R 3J2	NW	113.92	18

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	2422 EDITH AVE, BURLINGTON ON	NW	220.30	43

Lower Elevation	Address	Direction	Distance (m)	Map Key
	2418 NEW STREET, BURLINGTON ON	SE	102.88	15

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 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
SOUTH WESTERN ONTARIO PROPANE DIV 998131 ONTARIO L	458 GUELPH LINE BURLINGTON ON L7R3L9	NE	68.84	6
	458 GUELPH LINE N. BURLINGTON ON	NE	68.84	6
GUS HOLDINGS	458 GUELPH LINE BURLINGTON ON L7R3L9	NE	68.84	6

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
ROSANNE BERRY	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	68.84	6

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-May 2017 has found that there are 2 RST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PETRO-CANADA	458 GUELPH LINE BURLINGTON ON L7R 3L9	NE	68.84	6
PETRO CANADA	458 GUELPH LINE BURLINGTON ON L7R3L9	NE	86.06	10

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 3 SCT site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
DRT Products Inc.	2434 New St Burlington ON L7R 1J6	E	92.86	11
PRINT THREE	2442 NEW ST BURLINGTON ON L7R 1J6	E	128.72	21
Print Three Inc.	409 Guelph Line Burlington ON L7R 3L7	E	239.12	48

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2017 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PETRO-CANADA	458 GUELPH LINE NORTH, BURLINGTON SERVICE STATION BURLINGTON CITY ON	NE	68.84	6
	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	NNE	174.45	29

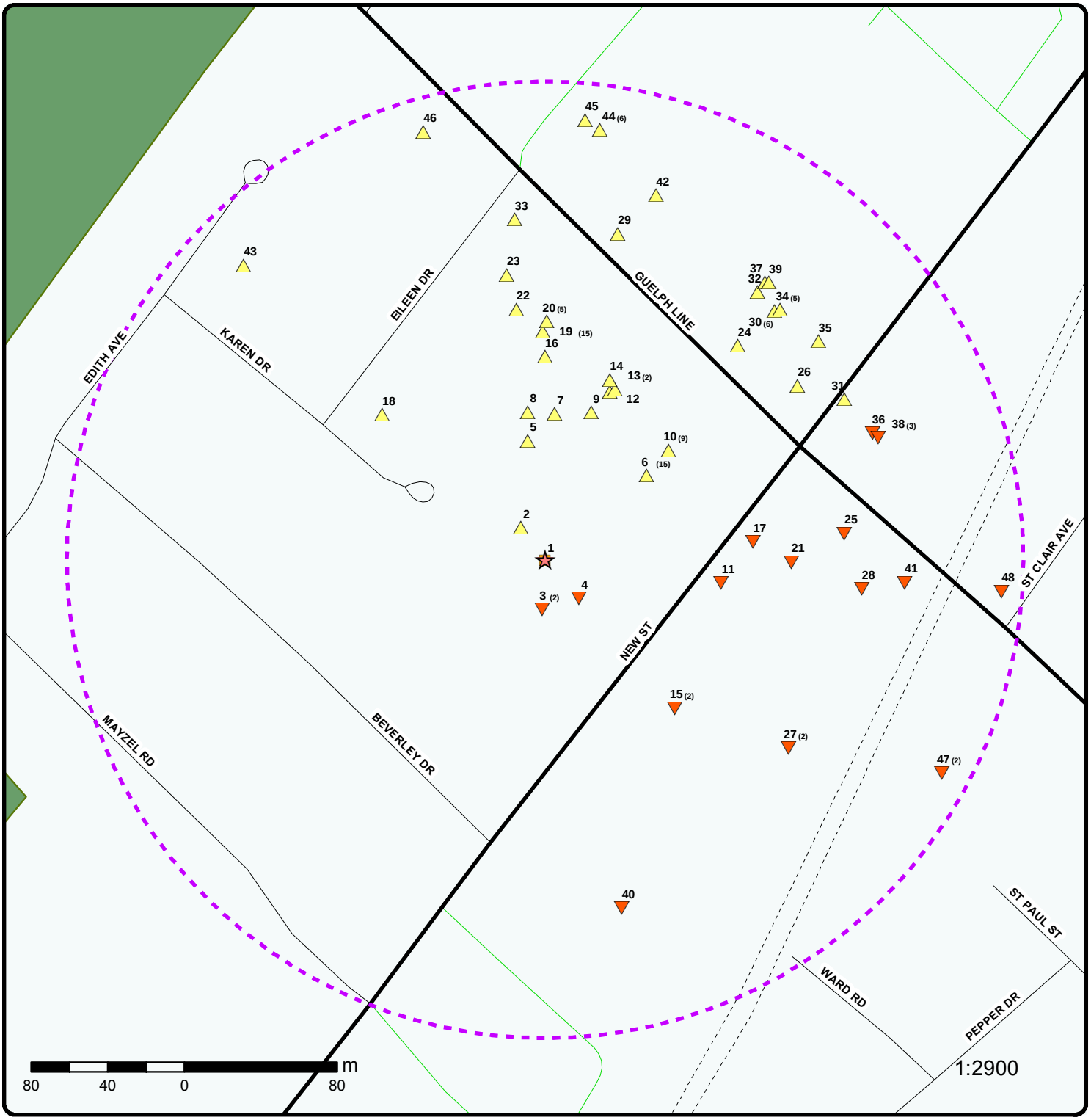
Lower Elevation	Address	Direction	Distance (m)	Map Key
	2418 New Street Burlington ON	SE	102.88	15

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31, 2017 has found that there are 19 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	-	0.00	1
	Burlington ON	N	62.72	5
	lot 16 con 3 BURLINGTON ON	N	76.21	7
	Burlington ON	N	77.59	8
	Burlington ON	NNE	80.65	9
	Burlington ON	NNE	94.36	12
	BURLINGTON ON	NNE	99.98	14
	BURLINGTON ON	N	106.08	16
	lot 16 con 3 ON	N	131.93	22
	BURLINGTON ON	N	150.34	23
	lot 15 con 3 BURLINGTON ON	NE	160.31	26
	BIRLINGTON ON	NE	178.67	32
	BURLINGTON ON	N	178.77	33
	Burlington ON	NE	182.90	35
	Burlington ON	NE	185.11	37
	Burlington ON	NE	186.31	39

Lower Elevation	Address	Direction	Distance (m)	Map Key
	Burlington ON	SE	26.85	4
	BURLINGTON ON	ENE	183.31	36
	ON	E	188.41	41



Map : 0.25 Kilometer Radius

Order No: 20171012116

Address: 2421 New St, Burlington, ON, L7R1K1

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation

- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road

- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line

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

Source: © 2015 DMTI Spatial Inc.

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79°46'30"W



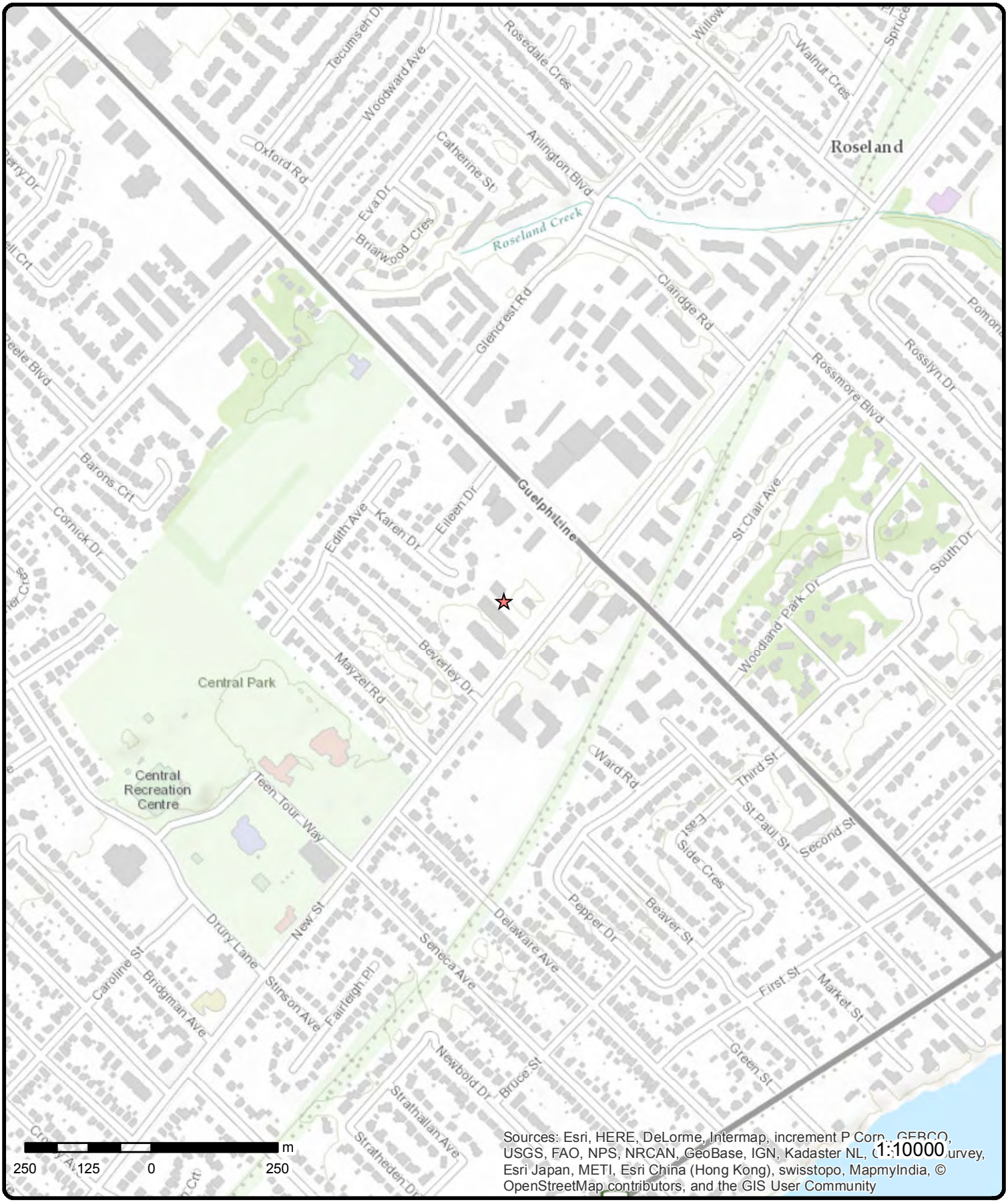
Aerial

Order No: 20171012116

Address: 2421 New St, Burlington, ON, L7R1K1

Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: 2421 New St, Burlington, ON, L7R1K1

Source: ESRI World Topographic Map

Order No: 20171012116

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

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Detail Report

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

Well ID:	7170884	**Data Entry Status:**	Date Entry is incomplete
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	11/1/2011
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	6607
Casing Material:		**Form Version:**	5
Audit No:	M08535	**Owner:**	
Tag:	A101069	**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003593805	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	3
Code OB Desc:		**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	wwr
Elevation:	88.830238	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	6/9/2011
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
2	1 of 1	NW/21.2	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		

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Search Radius (km):	0.30				

3 *1 of 2* *S/26.0* *88.8* **GEN**

big kahuna tatt shack
2421 new st
burlington ON L7R1K1

Generator No.:	ON3563883	***PO Box No.:***	
Status:		***Country:***	Canada
Approval Years:	2016	***Choice of Contact:***	CO_OFFICIAL
Contam. Facility:	No	***Co Admin:***	
MHSW Facility:	No	***Phone No. Admin:***	
SIC Code:	812190		
SIC Description:	812190		

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

3 *2 of 2* *S/26.0* *88.8* **GEN**

big kahuna tatt shack
2421 new st
burlington ON L7R1K1

Generator No.:	ON3563883	***PO Box No.:***	7
Status:	Registered	***Country:***	Canada
Approval Years:	As of Jun 2017	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No. Admin:***	
SIC Code:			
SIC Description:			

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

4 *1 of 1* *SE/26.9* *88.8* **WWIS**

Burlington ON

Well ID:	7136412	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	12/21/2009
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7295
Casing Material:		***Form Version:***	7
Audit No:	Z108032	***Owner:***	
Tag:	A090336	***Street Name:***	2433 NEW ST.
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1002896632	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:		***UTMRC:***	9
Code OB Desc:		***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	wwr
Elevation:		***Org CS:***	UTM83
Elevrc:		***Date Completed:***	1/1/2009
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003089883
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	27
Most Common Material:	OTHER
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	0.33
Formation End Depth UOM:	ft

Formation ID:	1003089884
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	34
Most Common Material:	TILL
Mat2:	
Other Materials:	
Mat3:	68
Other Materials:	DRY
Formation Top Depth:	0.33
Formation End Depth:	7.00
Formation End Depth UOM:	ft

Formation ID:	1003089885
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7.00
Formation End Depth:	20.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003089887
Layer: 1
Plug From: 1.00
Plug To: 14.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1003089892
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1003089882
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003089889
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.00
Depth To: 15.00
Casing Diameter: 1.80
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003089890
Layer: 1
Slot: 10
Screen Top Depth: 15.00
Screen End Depth: 20.00
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.00

Water Details

Water ID: 1003089888
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1003089886
Diameter:
Depth From:
Depth To:

Hole Depth UOM:	ft
Hole Diameter UOM:	inch

5 **1 of 1** **N/62.7** **89.8** **Burlington ON** **WWIS**

Well ID:	7159572	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	2/24/2011
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7215
Casing Material:		**Form Version:**	7
Audit No:	Z127111	**Owner:**	
Tag:	A108010	**Street Name:**	479 KAREN DR
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003478476	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	3
Code OB Desc:		**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	wwr
Elevation:	89.814826	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	2/2/2011
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003797793
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	01
Most Common Material:	FILL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	2.00
Formation End Depth UOM:	ft

Formation ID:	1003797794
Layer:	2

Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	2.00
Formation End Depth:	15.00
Formation End Depth UOM:	ft
Formation ID:	1003797795
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	15.00
Formation End Depth:	24.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003797803
Layer:	1
Plug From:	24.00
Plug To:	17.00
Plug Depth UOM:	ft
Plug ID:	1003797804
Layer:	2
Plug From:	17.00
Plug To:	1.00
Plug Depth UOM:	ft
Plug ID:	1003797805
Layer:	3
Plug From:	1.00
Plug To:	0.00
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 No:	0
Comment:	
Alt Name:	

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

Construction Record - Casing

Casing ID:	1003797798
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.00
Depth To:	19.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1003797799
Layer:	1
Slot:	10
Screen Top Depth:	19.00
Screen End Depth:	24.00
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.00

Water Details

Water ID:	1003797797
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1003797796
Diameter:	8.00
Depth From:	24.00
Depth To:	0.00
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
6	*1 of 15*	*NE/68.8*	*89.8*	***SIMCOE ENERGY & TECHNICAL SERVICES INC*** *** ***458 GUELPH LINE*** ***BURLINGTON ON***	*EXP*

Instance No:	10030558
Instance ID:	10596
Instance Type:	FS Facility
Description:	FS Propane Cylr Handling Facility
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
6	*2 of 15*	*NE/68.8*	*89.8*	***1491222 ONTARIO LTD O/A PETRO CANADA*** ***458 GUELPH LINE*** ***BURLINGTON ON L7R 3L9***	*EXP*

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Instance No:		11318637			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		10/3/1989			

6	3 of 15	NE/68.8	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP
Instance No:		11318693			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		10/3/1989			

6	4 of 15	NE/68.8	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP
Instance No:		11318662			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		10/3/1989			

6	5 of 15	NE/68.8	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP
Instance No:		11318679			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		10/3/1989			

6	6 of 15	NE/68.8	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP
Instance No:		11194555			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		10/3/1989			

6	7 of 15	NE/68.8	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON	EXP

Instance No:	11318712
Instance ID:	77815
Instance Type:	FS Piping
Description:	FS Piping
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

6	8 of 15	NE/68.8	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
6	9 of 15	NE/68.8	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
6	10 of 15	NE/68.8	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
6	11 of 15	NE/68.8	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
6	12 of 15	NE/68.8	89.8	GUS HOLDINGS 458 GUELPH LINE BURLINGTON ON L7R3L9	PRT

Location ID: 24209
Type: retail
Expiry Date: 1996-02-29

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Capacity (L):		113500			
Licence #:		0076436211			

6	13 of 15	NE/68.8	89.8	458 GUELPH LINE N. BURLINGTON ON	PRT

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

6	14 of 15	NE/68.8	89.8	PETRO-CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	RST

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

6	15 of 15	NE/68.8	89.8	PETRO-CANADA 458 GUELPH LINE NORTH, BURLINGTON SERVICE STATION BURLINGTON CITY ON	SPL

Ref No:	215019	**Site Address:**	
Contaminant Name:		**Site Conc:**	
Contaminant Code:		**Site Lot:**	
Contaminant Limit 1:		**Site County/District:**	
Contam. Limit Freq 1:		**Site Municipality:**	14101
Contaminant UN No 1:		**Site Postal Code:**	
Contaminant Qty:		**Sector Type:**	
MOE Reported Dt:	10/30/2001	**Source Type:**	
Health/Env Conseq:		**Receiving Medium:**	Land
Incident Dt:		**Receiving Env:**	
Incident Cause:	UNKNOWN	**Environment Impact:**	Confirmed
Incident Event:		**Nature of Impact:**	Soil contamination
Incident Reason:	UNKNOWN	**SAC Action Class:**	
Incident Summary:	PETRO-CANADA STATION, GAS-OLINE IN BORE HOLE, INVESTIGATING FURTHER		

7	1 of 1	N/76.2	89.8	lot 16 con 3 BURLINGTON ON	WWIS

Well ID:	2810081	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:		**Date Received:**	11/12/2004
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	6607
Casing Material:		**Form Version:**	3
Audit No:	Z19500	**Owner:**	
Tag:	A015739	**Street Name:**	480 GUELPH LINE RD
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	016
Well Depth:		**Concession:**	03

Overburden/Bedrock:		**Concession Name:**	DS S
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11174698	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:	o	**UTMRC:**	3
Code OB Desc:	Overburden	**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	wwr
Elevation:	89.991767	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	9/28/2004
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932974989
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Other Materials:	STONES
Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0.00
Formation End Depth:	1.50
Formation End Depth UOM:	m

Formation ID:	932974990
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1.50
Formation End Depth:	3.80
Formation End Depth UOM:	m

Formation ID:	932974991
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	

Other Materials:
Formation Top Depth: 3.80
Formation End Depth: 5.20
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933255961
Layer: 1
Plug From: 0.02
Plug To: 3.80
Plug Depth UOM: m

Plug ID: 933255962
Layer: 2
Plug From: 3.80
Plug To: 5.20
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 No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930846004
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.01
Depth To: 3.80
Casing Diameter: 5.00
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933409592
Layer: 1
Slot: 10
Screen Top Depth: 3.80
Screen End Depth: 5.20
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.40

Water Details

Water ID:	934052464
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	4.00
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11308297
Diameter:	21.00
Depth From:	0.00
Depth To:	5.20
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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8 ***1 of 1*** ***N/77.6*** ***89.8*** ***Burlington ON*** ***WWIS***

Well ID:	7159570	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	2/24/2011
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7215
Casing Material:		**Form Version:**	7
Audit No:	Z127112	**Owner:**	
Tag:	A108080	**Street Name:**	483 KAREN DR
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003478472	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	3
Code OB Desc:		**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	wwr
Elevation:	89.948844	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	2/3/2011
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003797676
Layer:	1

Color:	3
General Color:	BLUE
Mat1:	01
Most Common Material:	FILL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	2.00
Formation End Depth UOM:	ft
Formation ID:	1003797677
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	2.00
Formation End Depth:	15.00
Formation End Depth UOM:	ft
Formation ID:	1003797678
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	15.00
Formation End Depth:	24.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003797686
Layer:	1
Plug From:	24.00
Plug To:	18.00
Plug Depth UOM:	ft
Plug ID:	1003797687
Layer:	2
Plug From:	18.00
Plug To:	1.00
Plug Depth UOM:	ft
Plug ID:	1003797688
Layer:	3
Plug From:	1.00
Plug To:	0.00
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 No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003797681
Layer:	
Material:	
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:	24.00
Screen End Depth:	19.00
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.00

Water Details

Water ID:	1003797680
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1003797679
Diameter:	8.00
Depth From:	24.00
Depth To:	0.00
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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9 ***1 of 1*** ***NNE/80.7*** ***89.8*** ***Burlington ON*** ***WWIS***

Well ID:	7167752	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	8/24/2011
Sec. Water Use:		***Selected Flag:***	1

Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6607
Casing Material:		***Form Version:***	7
Audit No:	Z124518	***Owner:***	
Tag:	A101075	***Street Name:***	644 GUELPH LINE
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003555093	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:		***UTMRC:***	3
Code OB Desc:		***UTMRC Desc:***	margin of error : 10 - 30 m
Open Hole:		***Location Method:***	wwr
Elevation:	90.005508	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	6/9/2011
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003959503
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0.00
Formation End Depth:	0.60
Formation End Depth UOM:	m

Formation ID:	1003959504
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.60
Formation End Depth:	1.50
Formation End Depth UOM:	m

Formation ID:	1003959505
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	1.50
Formation End Depth:	4.50
Formation End Depth UOM:	m

Formation ID:	1003959506
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	06
Other Materials:	SILT
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	4.50
Formation End Depth:	7.60
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003959513
Layer:	1
Plug From:	0.00
Plug To:	0.30
Plug Depth UOM:	m

Plug ID:	1003959514
Layer:	2
Plug From:	0.30
Plug To:	5.80
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 No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003959509

Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.00
Depth To: 6.00
Casing Diameter: 5.10
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003959510
Layer: 1
Slot: 20
Screen Top Depth: 6.00
Screen End Depth: 7.60
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.40

Water Details

Water ID: 1003959508
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 3.00
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003959507
Diameter: 21.00
Depth From: 0.00
Depth To: 7.60
Hole Depth UOM: m
Hole Diameter UOM: cm

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10 | ***1 of 9*** | ***NE/86.1*** | ***89.8*** | ***1491222 ONTARIO LTD O/A PETRO CANADA
458 GUELPH LINE
BURLINGTON ON L7R 3L9*** | ***EXP***

Instance No: 11194555
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Self Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 10/3/1989

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10 | ***2 of 9*** | ***NE/86.1*** | ***89.8*** | ***1491222 ONTARIO LTD O/A PETRO CANADA
458 GUELPH LINE
BURLINGTON ON L7R 3L9*** | ***EXP***

Instance No: 11318637
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Self Serve

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:		FS Liquid Fuel Tank			
Expired Date:		10/3/1989			

10	3 of 9	NE/86.1	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP

Instance No:	11318693
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	FS Gasoline Station - Self Serve
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	10/3/1989

10	4 of 9	NE/86.1	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP

Instance No:	11318679
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	FS Gasoline Station - Self Serve
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	10/3/1989

10	5 of 9	NE/86.1	89.8	1491222 ONTARIO LTD O/A PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R 3L9	EXP

Instance No:	11318662
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	FS Gasoline Station - Self Serve
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	10/3/1989

10	6 of 9	NE/86.1	89.8	SUNCOR ENERGY PRODUCTS PARTNERSHIP 458 GUELPH LINE BURLINGTON ON L7R 3L9	FST

Instance No:	11648127
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	50000
Tank Material:	Fiberglass (FRP)

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

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

10	7 of 9	NE/86.1	89.8	SUNCOR ENERGY PRODUCTS PARTNERSHIP 458 GUELPH LINE BURLINGTON ON L7R 3L9	FST

Instance No: 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

10	8 of 9	NE/86.1	89.8	SUNCOR ENERGY PRODUCTS PARTNERSHIP 458 GUELPH LINE BURLINGTON ON L7R 3L9	FST

Instance No: 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

10	9 of 9	NE/86.1	89.8	PETRO CANADA 458 GUELPH LINE BURLINGTON ON L7R3L9	RST

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

11	1 of 1	E/92.9	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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12 **1 of 1** **NNE/94.4** **89.8** **Burlington ON** **WWIS**

Well ID:	7144743	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	5/12/2010
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7215
Casing Material:		**Form Version:**	7
Audit No:	Z93452	**Owner:**	
Tag:	A075228	**Street Name:**	466 GUELPH LINE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1002978934	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	4
Code OB Desc:		**UTMRC Desc:**	margin of error : 30 m - 100 m
Open Hole:		**Location Method:**	wwr
Elevation:	90.068748	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	1/27/2010
Remarks:			
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 1003158621
Layer: 1
Color: 7
General Color: RED
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3: 27
Other Materials: OTHER
Formation Top Depth: 0.00
Formation End Depth: 8.00
Formation End Depth UOM: ft

Formation ID: 1003158622
Layer: 2
Color: 7
General Color: RED
Mat1: 28
Most Common Material: SAND
Mat2: 84
Other Materials: SILTY
Mat3: 91
Other Materials: WATER-BEARING
Formation Top Depth: 8.00
Formation End Depth: 15.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003158624
Layer: 1
Plug From: 15.00
Plug To: 4.00
Plug Depth UOM: ft

Plug ID: 1003158625
Layer: 2
Plug From: 4.00
Plug To: 1.00
Plug Depth UOM: ft

Plug ID: 1003158626
Layer: 3
Plug From: 1.00
Plug To: 0.00
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 No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003158628
Layer:
Material:
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: 5.00
Screen End Depth: 15.00
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.00

Water Details

Water ID: 1003158627
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1003158623
Diameter: 4.00
Depth From: 15.00
Depth To: 0.00
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

13 | ***1 of 2*** | ***NNE/96.2*** | ***89.8*** | ***DRSSL LIMITED*** ***466 Guelph Line*** ***Burlington ON L7R3L9*** | ***GEN***

Generator No.: ON8127512
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 531120, 531111

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Trevor Janzen
Phone No. Admin: 905-825-4936 Ext.

SIC Description: LESSORS OF NON-RESIDENTIAL BUILDINGS (EXCEPT MINI-WAREHOUSES), LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS)

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

---

13 **2 of 2** **NNE/96.2** **89.8** **DRSSL LIMITED** **GEN**
466 Guelph Line
Burlington ON L7R3L9

Generator No.:	ON8127512	**PO Box No.:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Jun 2017	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No. Admin:**	
SIC Code:			
SIC Description:			

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

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14 **1 of 1** **NNE/100.0** **89.8** **WWIS**
BURLINGTON ON

Well ID:	7101471	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	1/23/2008
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Observation Wells	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7282
Casing Material:		**Form Version:**	4
Audit No:	Z62836	**Owner:**	
Tag:	A055829	**Street Name:**	470 GUELPH LINE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1001484723	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	3
Code OB Desc:		**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	wwr
Elevation:	90.103782	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	12/14/2007
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1001539216
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	78
Other Materials:	MEDIUM-GRAINED
Formation Top Depth:	0.00
Formation End Depth:	1.80
Formation End Depth UOM:	m

Formation ID:	1001539217
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1.80
Formation End Depth:	5.10
Formation End Depth UOM:	m

Formation ID:	1001539218
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	28
Other Materials:	SAND
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	5.10
Formation End Depth:	7.60
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1001539220
Layer:	1
Plug From:	0.15
Plug To:	5.90
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 No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001539222
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 6.10
Casing Diameter: 0.05
Casing Diameter UOM: cm
Casing Depth UOM: m

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:

Results of 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

Water Details

Water ID: 1001539221
Layer: 1
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID:	1001539219
Diameter:	20.60
Depth From:	
Depth To:	7.60
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

15 ***1 of 2*** ***SE/102.9*** ***87.8*** ***2418 NEW STREET, BURLINGTON ON*** ***PINC***

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

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15 ***2 of 2*** ***SE/102.9*** ***87.8*** ***2418 New Street Burlington ON*** ***SPL***

Ref No:	4077-AAFPRL	***Site Address:***	2418 New Street
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Burlington
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Unknown / N/A
MOE Reported Dt:	2016/05/30	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2016/05/30	***Receiving Env:***	Air
Incident Cause:		***Environment Impact:***	
Incident Event:	Leak/Break	***Nature of Impact:***	
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA FSB: 2 inch steel service IP dmg; made safe		

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16 ***1 of 1*** ***N/106.1*** ***89.8*** ***BURLINGTON ON*** ***WWIS***

Well ID:	7042758	***Data Entry Status:***	
Construction Date:		***Data Src:***	

Primary Water Use:		***Date Received:***	4/18/2007
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7190
Casing Material:		***Form Version:***	3
Audit No:	Z54296	***Owner:***	
Tag:	A044700	***Street Name:***	470 AND 480 GUELPH LINE
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11765290	***Spatial Status:***	
DP2BR:	17	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	3
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 10 - 30 m
Open Hole:		***Location Method:***	wwr
Elevation:	90.123146	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	2/5/2007
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933098009
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Other Materials:	LOOSE
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	5.30
Formation End Depth UOM:	m

Formation ID:	933098010
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	5.30

Formation End Depth: 12.10
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933317345
Layer: 1
Plug From: 0.00
Plug To: 9.90
Plug Depth UOM: m

Plug ID: 933317346
Layer: 2
Plug From: 9.90
Plug To: 12.10
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 No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930898190
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.00
Depth To: 0.26
Casing Diameter: 15.00
Casing Diameter UOM: cm
Casing Depth UOM: m

Casing ID: 930898191
Layer: 2
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.00
Depth To: 10.60
Casing Diameter: 3.40
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933424014
Layer: 1
Slot: 10
Screen Top Depth: 10.60
Screen End Depth: 12.10

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

Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.20

Water Details

Water ID: 934085388
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 2.30
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11851542
Diameter: 20.00
Depth From: 0.00
Depth To: 12.10
Hole Depth UOM: m
Hole Diameter UOM: cm

17	1 of 1	E/109.0	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

18	1 of 1	NW/113.9	89.8	JAN GELDERMAN LANDSCAPING LTD. 491 KAREN DRIVE BURLINGTON ON L7R 3J2	PES

Licence No.:
Detail Licence No.:
Licence Type Code:
Licence Type: Operator
Licence Class:
Licence Control:
Trade Name:
Post Office Box:
Lot:
Concession:
Region:
District:
County:

Operator Box:
Operator Class:
Operator No.:
Operator Type:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Oper Phone Area Cd:
Ext:
Oper Phone Number:
Proponent Ext:

19	1 of 15	N/119.5	89.8	480 Guelph Line Burlington ON L7R 3M1	EHS

Postal Code:
City:

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

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

19	2 of 15	N/119.5	89.8	480 Guelph Line Burlington ON L7R 3M1	EHS

Postal Code:
City:
Address2:
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

19	3 of 15	N/119.5	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

19	4 of 15	N/119.5	89.8	PARKERS (ON0311300/SEE&USE JAMES H PARK) 480 GUELPH LINE BURLINGTON ON L7R 3M1	GEN

Generator No.: ON0208904
Status:
Approval Years: 92,93
Contam. Facility:
MHSW Facility:
SIC Code: 0009
SIC Description: *** ERROR RECORD ***

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

19	5 of 15	N/119.5	89.8	JAMES H PARKER LTD (PARKERS CLEANERS) 480 GULEPH LINE BURLINGTON ON L7R 3M1	GEN

Generator No.: ON0311300
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:

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

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

SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS

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

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19 | **6 of 15** | **N/119.5** | **89.8**

JAMES H. PARKER LTD.
480 GUELPH LINE
BURLINGTON ON L7R 3M1

GEN

Generator No.: ON0311300
Status:
Approval Years: 92,93,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER

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

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

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19 | **7 of 15** | **N/119.5** | **89.8**

JAMES H PARKER LTD 22-016
(PARKERS CLEANERS) 480 GULEPH LINE
BURLINGTON ON L7R 3M1

GEN

Generator No.: ON0311300
Status:
Approval Years: 94
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER

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

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

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19 | **8 of 15** | **N/119.5** | **89.8**

JAMES H. PARKER LIMITED
480 GUELPH LINE
BURLINGTON ON L7R 3M1

GEN

Generator No.: ON0311300
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
19	9 of 15	N/119.5	89.8	Parker's Cleaners 480 Guelph Line Burlington ON L7R 3M1	GEN

Generator No.: ON0311300
Status:
Approval Years: 02,03
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
19	10 of 15	N/119.5	89.8	Parker Cleaners 480 Guelph Line Burlington ON	GEN

Generator No.: ON8741921
Status:
Approval Years: 03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
19	11 of 15	N/119.5	89.8	Parker's Cleaners (480 Guelph Line Burlington ON L7R 3M1	GEN

Generator No.: ON0311300
Status:
Approval Years: 04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
19	12 of 15	N/119.5	89.8	Parker's Cleaners (480 Guelph Line Burlington ON L7R 3M1	GEN

Generator No.: ON0311300
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 241

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

Waste Description: HALOGENATED SOLVENTS

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19 | **13 of 15** | **N/119.5** | **89.8** | **Parker's Cleaners (**
480 Guelph Line
Burlington ON L7R 3M1 | **GEN**

Generator No.: ON0311300
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)

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

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

---

19 | **14 of 15** | **N/119.5** | **89.8** | **Parker's Cleaners (Burlington) Ltd.**
480 Guelph Line
Burlington ON L7R 3M1 | **GEN**

Generator No.: ON0311300
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)

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

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

---

19 | **15 of 15** | **N/119.5** | **89.8** | **Parker's Cleaners (Burlington) Ltd.**
480 Guelph Line
Burlington ON L7R 3M1 | **GEN**

Generator No.: ON0311300
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)

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

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

---

20 | **1 of 5** | **N/124.5** | **89.8** | **Parker's Cleaners (Burlington) Ltd.**
480 Guelph Line
Burlington ON | **GEN**

Generator No.: ON0311300
Status:

PO Box No.:
Country:

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

Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
Choice of Contact:
Co Admin:
Phone No. Admin:

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

---

20 ***2 of 5*** ***N/124.5*** ***89.8*** ***Parker's Cleaners (Burlington) Ltd.*** ***GEN***
480 Guelph Line
Burlington ON L7R 3M1

Generator No.: ON0311300
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Karen M Walton
Phone No. Admin: 905-634-2363 Ext.

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

---

20 ***3 of 5*** ***N/124.5*** ***89.8*** ***Parker's Cleaners (Burlington) Ltd.*** ***GEN***
480 Guelph Line
Burlington ON L7R 3M1

Generator No.: ON0311300
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Karen M Walton
Phone No. Admin: 905-634-2363 Ext.

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

---

20 ***4 of 5*** ***N/124.5*** ***89.8*** ***Parker's Cleaners (Burlington) Ltd.*** ***GEN***
480 Guelph Line
Burlington ON L7R 3M1

Generator No.: ON0311300
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Karen M Walton
Phone No. Admin: 905-634-2363 Ext.

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

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

20 | **5 of 5** | **N/124.5** | **89.8** | **Parker's Cleaners (Burlington) Ltd.**
480 Guelph Line
Burlington ON L7R 3M1 | **GEN**

Generator No.:	ON0311300	**PO Box No.:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Jun 2017	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No. Admin:**	
SIC Code:			
SIC Description:			

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

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21 | **1 of 1** | **E/128.7** | **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

---

22 | **1 of 1** | **N/131.9** | **89.8** | **lot 16 con 3**
ON | **WWIS**

Well ID:	7227680	**Data Entry Status:**	Date Entry is incomplete
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	9/19/2014
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7147
Casing Material:		**Form Version:**	8
Audit No:	C26932	**Owner:**	
Tag:	A161071	**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	016
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	DS S
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

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

Bore Hole ID:	1005128773	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	4
Code OB Desc:		**UTMRC Desc:**	margin of error : 30 m - 100 m
Open Hole:		**Location Method:**	wwr
Elevation:	90.18016	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	9/12/2014
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

---

23 | ***1 of 1*** | ***N/150.3*** | ***89.8*** | ***BURLINGTON ON*** | ***WWIS***

Well ID:	7162724	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	5/5/2011
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z123882	**Owner:**	
Tag:	A113564	**Street Name:**	490 GUELPH LINE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003505708	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	3
Code OB Desc:		**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	wwr
Elevation:	90.245994	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	4/7/2011
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003808257
Layer:	1
Color:	1
General Color:	WHITE

Mat1: 27
Most Common Material: OTHER
Mat2:
Other Materials:
Mat3: 73
Other Materials: HARD
Formation Top Depth: 0.00
Formation End Depth: 0.20
Formation End Depth UOM: m

Formation ID: 1003808258
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 0.20
Formation End Depth: 4.50
Formation End Depth UOM: m

Formation ID: 1003808259
Layer: 3
Color: 7
General Color: RED
Mat1: 06
Most Common Material: SILT
Mat2: 17
Other Materials: SHALE
Mat3: 73
Other Materials: HARD
Formation Top Depth: 4.50
Formation End Depth: 4.80
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1003808268
Layer: 1
Plug From: 0.00
Plug To: 0.31
Plug Depth UOM: m

Plug ID: 1003808269
Layer: 2
Plug From: 0.31
Plug To: 1.50
Plug Depth UOM: m

Plug ID: 1003808270
Layer: 3
Plug From: 1.50
Plug To: 4.80
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 No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003808262
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.00
Depth To: 1.80
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: 1.80
Screen End Depth: 4.80
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.82

Water Details

Water ID: 1003808261
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003808260
Diameter: 10.90
Depth From: 0.00
Depth To: 4.80
Hole Depth UOM: m
Hole Diameter UOM: cm

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24 | ***1 of 1*** | ***NE/150.4*** | ***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***

Generator No.: ON1315720
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
PO Box No.:
Country:
Choice of Contact:
Co Admin:

MHSW Facility: **Phone No. Admin:**
SIC Code: 6331
SIC Description: GASOLINE SERV. ST.

--Details--
Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

---

25 **1 of 1** **E/157.1** **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.

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. 0000602700153024001570510006 8DENSE

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26 **1 of 1** **NE/160.3** **89.8** **lot 15 con 3 BURLINGTON ON** **WWIS**

Well ID: 2810048 **Data Entry Status:**
Construction Date: **Data Src:** 1
Primary Water Use: **Date Received:** 9/17/2004
Sec. Water Use: **Selected Flag:** 1
Final Well Status: Observation Wells **Abandonment Rec:**
Water Type: **Contractor:** 6607
Casing Material: **Form Version:** 3
Audit No: Z17090 **Owner:**
Tag: A015739 **Street Name:** 540 GUELPH LINE
Construction Method: **County:** HALTON
Elevation (m): **Municipality:** BURLINGTON CITY
Elevation Reliability: **Site Info:**
Depth to Bedrock: **Lot:** 015
Well Depth: **Concession:** 03
Overburden/Bedrock: **Concession Name:** DS S
Pump Rate: **Easting NAD83:**
Static Water Level: **Northing NAD83:**
Flowing (Y/N): **Zone:**
Flow Rate: **UTM Reliability:**

Clear/Cloudy:

Bore Hole Information

Bore Hole ID:	11174665	***Spatial Status:***	
DP2BR:	20	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	3
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 10 - 30 m
Open Hole:		***Location Method:***	wwr
Elevation:	89.961303	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	8/19/2004
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932974892
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	0.90
Formation End Depth UOM:	m

Formation ID:	932974893
Layer:	2
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.90
Formation End Depth:	5.00
Formation End Depth UOM:	m

Formation ID:	932974894
Layer:	3
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	34
Other Materials:	TILL
Mat3:	
Other Materials:	
Formation Top Depth:	5.00
Formation End Depth:	6.20
Formation End Depth UOM:	m

Formation ID:	932974895
Layer:	4
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6.20
Formation End Depth:	7.50
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933255894
Layer:	1
Plug From:	0.00
Plug To:	0.30
Plug Depth UOM:	m

Plug ID:	933255895
Layer:	2
Plug From:	0.30
Plug To:	5.90
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 No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930845973
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.00
Depth To:	5.90
Casing Diameter:	5.00
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933409567
Layer:	1
Slot:	10
Screen Top Depth:	5.90

Screen End Depth:	7.50
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.20

Water Details

Water ID:	934052437
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	3.40
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11308267
Diameter:	21.00
Depth From:	0.00
Depth To:	7.50
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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27 ***1 of 2*** ***SE/161.0*** ***86.8*** ***MARSALA INVESTMENTS 2424 NEW ST BURLINGTON ON L7R 1J6*** ***GEN***

Generator No.:	ON3306371	**PO Box No.:**	
Status:		**Country:**	
Approval Years:	2011	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No. Admin:**	
SIC Code:	531310		
SIC Description:			

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27 ***2 of 2*** ***SE/161.0*** ***86.8*** ***MARSALA INVESTMENTS 2424 NEW ST BURLINGTON ON L7R 1J6*** ***GEN***

Generator No.:	ON3306371	**PO Box No.:**	
Status:		**Country:**	
Approval Years:	2012	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No. Admin:**	
SIC Code:	531310		
SIC Description:	Real Estate Property Managers		

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28 ***1 of 1*** ***E/166.2*** ***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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Search Radius (km):	.25				

29 **1 of 1** **NNE/174.4** **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	Site Address:	LANEWAY ON THE EAST END OF THE PROPERTY OF ROSELAND PLAZA AT 475-55 GUELPH LINE
Contaminant Name:	COOKING OIL	Site Conc:	
Contaminant Code:	16	Site Lot:	
Contaminant Limit 1:		Site County/District:	
Contam. Limit Freq 1:		Site Municipality:	Burlington
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	202.5 L	Sector Type:	Other
MOE Reported Dt:	8/22/2006	Source Type:	
Health/Env Conseq:		Receiving Medium:	Land
Incident Dt:	8/22/2006	Receiving Env:	
Incident Cause:	Other Discharges	Environment Impact:	Possible
Incident Event:		Nature of Impact:	Other Impact(s)
Incident Reason:	Other - Reason not otherwise defined	SAC Action Class:	
Incident Summary:	Dino's Pizza: 202.5 L cooking oil to paved laneway, contd		

30 **1 of 6** **NE/176.9** **89.8** **3001 New Street Burlington ON** **EHS**

Postal Code:	
City:	Burlington
Address2:	
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

30 **2 of 6** **NE/176.9** **89.8** **BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3** **GEN**

Generator No.:	ON4889097	PO Box No.:	
Status:		Country:	
Approval Years:	02,03,04,05,06,07,08	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No. Admin:	
SIC Code:			
SIC Description:			

--Details--

Waste Code:	312
Waste Description:	PATHOLOGICAL WASTES

30 **3 of 6** **NE/176.9** **89.8** **BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3** **GEN**

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

Generator No.: ON4889097
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

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

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30 **4 of 6** **NE/176.9** **89.8**

BAY CITIES ANIMAL HOSPITAL
3001 NEW STREET
BURLINGTON ON L7R 1K3

GEN

Generator No.: ON4889097
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

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

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30 **5 of 6** **NE/176.9** **89.8**

BAY CITIES ANIMAL HOSPITAL
3001 NEW STREET
BURLINGTON ON L7R 1K3

GEN

Generator No.: ON4889097
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

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

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30 **6 of 6** **NE/176.9** **89.8**

BAY CITIES ANIMAL HOSPITAL
3001 NEW STREET
BURLINGTON ON L7R 1K3

GEN

Generator No.: ON4889097
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

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

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31 ***1 of 1*** ***ENE/177.5*** ***89.6*** ***ON*** ***BORE***

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

--Details--

Stratum ID:	218423066	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	ASPHALT. MAN-MADE,AGE POST-GLACIAL.
Stratum ID:	218423067	***Top Depth(m):***	0.1
Bottom Depth(m):	1.0	***Stratum Desc:***	FILL,SILT,GRAVEL, ORGANIC. BLACK,MAN-MADE,LOOSE,GRANULAR,AGE POST-GLACIAL.
Stratum ID:	218423068	***Top Depth(m):***	1.0
Bottom Depth(m):	1.2	***Stratum Desc:***	SAND-FINE TO MEDIUM.BLACK,GRANULAR, AGE POST-GLACIAL.
Stratum ID:	218423069	***Top Depth(m):***	1.2
Bottom Depth(m):	1.5	***Stratum Desc:***	SAND-FINE TO MEDIUM.BROWN,GRANULAR,AGE GLACIAL.
Stratum ID:	218423070	***Top Depth(m):***	1.5
Bottom Depth(m):	2.4	***Stratum Desc:***	SAND-MEDIUM,SILT. BROWN,COMPACT,LAYERED, AGE GLACIAL.
Stratum ID:	218423071	***Top Depth(m):***	2.4
Bottom Depth(m):	3.0	***Stratum Desc:***	SAND-MEDIUM,SILT. BROWN,COMPACT,LAYERED, AGE GLACIAL.
Stratum ID:	218423072	***Top Depth(m):***	3.0
Bottom Depth(m):	4.3	***Stratum Desc:***	SAND-MEDIUM,SILT. BROWN,COMPACT,LAYERED, AGE GLACIAL. 00003003000500140008002200100013000 58

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32 ***1 of 1*** ***NE/178.7*** ***89.8*** ***BIRLINGTON ON*** ***WWIS***

Well ID:	7035370	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	10/17/2006
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:		***Abandonment Rec:***	
Water Type:		***Contractor:***	7241

Casing Material:		***Form Version:***	3
Audit No:	Z51863	***Owner:***	
Tag:	A046067	***Street Name:***	466 GUELPH LINE
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11760820	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	3
Code OB Desc:	Overburden	***UTMRC Desc:***	margin of error : 10 - 30 m
Open Hole:		***Location Method:***	wwr
Elevation:	90.273612	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	7/21/2006
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933084792
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0.00
Formation End Depth:	2.44
Formation End Depth UOM:	m

Formation ID:	933084793
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	
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:	0.00
Plug To:	0.30
Plug Depth UOM:	m
Plug ID:	933309808
Layer:	2
Plug From:	0.30
Plug To:	1.50
Plug Depth UOM:	m
Plug ID:	933309809
Layer:	3
Plug From:	1.50
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 No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930893049
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.00
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:	0.00
Depth To:	3.66
Hole Depth UOM:	m
Hole Diameter UOM:	cm

33 **1 of 1** **N/178.8** **89.8** **BURLINGTON ON** **WWIS**

Well ID:	7162725	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	5/5/2011
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z123881	**Owner:**	
Tag:	A113565	**Street Name:**	490 GUELPH LINE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003505710	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	3
Code OB Desc:		**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	wwr
Elevation:	90.48072	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	4/17/2011
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003808471
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	27
Most Common Material:	OTHER
Mat2:	
Other Materials:	
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.00
Formation End Depth:	0.10

Formation End Depth UOM: m

Formation ID: 1003808472
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 0.10
Formation End Depth: 4.20
Formation End Depth UOM: m

Formation ID: 1003808473
Layer: 3
Color: 7
General Color: RED
Mat1: 06
Most Common Material: SILT
Mat2: 17
Other Materials: SHALE
Mat3: 73
Other Materials: HARD
Formation Top Depth: 4.20
Formation End Depth: 4.50
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1003808482
Layer: 1
Plug From: 0.00
Plug To: 0.31
Plug Depth UOM: m

Plug ID: 1003808483
Layer: 2
Plug From: 0.31
Plug To: 1.20
Plug Depth UOM: m

Plug ID: 1003808484
Layer: 3
Plug From: 1.20
Plug To: 4.50
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 No: 0

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1003808476
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.00
Depth To:	1.50
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:	1.50
Screen End Depth:	4.50
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1003808475
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1003808474
Diameter:	10.90
Depth From:	0.00
Depth To:	4.50
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
34	1 of 5	NE/179.3	89.8	***BAY CITIES ANIMAL HOSPITAL*** ***3001 NEW STREET*** ***BURLINGTON ON***	GEN

Generator No.:	ON4889097	***PO Box No.:***	
Status:		***Country:***	
Approval Years:	2013	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No. Admin:***	
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
34	2 of 5	NE/179.3	89.8	BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3	GEN

Generator No.: ON4889097
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No. Admin:

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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
34	3 of 5	NE/179.3	89.8	BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3	GEN

Generator No.: ON4889097
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No. Admin:

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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
34	4 of 5	NE/179.3	89.8	BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3	GEN

Generator No.: ON4889097
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No. Admin:

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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
34	5 of 5	NE/179.3	89.8	BAY CITIES ANIMAL HOSPITAL 3001 NEW STREET BURLINGTON ON L7R 1K3	GEN

Generator No.: ON4889097
Status: Registered
Approval Years: As of Jun 2017
Contam. Facility:

PO Box No.:
Country: Canada
Choice of Contact:
Co Admin:

MHSW Facility: ***Phone No. Admin:***
SIC Code:
SIC Description:

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

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35 ***1 of 1*** ***NE/182.9*** ***89.8*** ***Burlington ON*** ***WWIS***

Well ID:	7269674	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	8/23/2016
Sec. Water Use:	0	***Selected Flag:***	1
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7320
Casing Material:		***Form Version:***	7
Audit No:	Z236129	***Owner:***	
Tag:	A206923	***Street Name:***	3001 NEW STREET
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006223335	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:		***UTMRC:***	4
Code OB Desc:		***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	wwr
Elevation:	90.038627	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	6/7/2016
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006242943
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Other Materials:	
Mat3:	

Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 3.00
Formation End Depth UOM: ft

Formation ID: 1006242944
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3.00
Formation End Depth: 14.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006242952
Layer: 1
Plug From: 14.00
Plug To: 3.00
Plug Depth UOM: ft

Plug ID: 1006242953
Layer: 2
Plug From: 3.00
Plug To: 6.00
Plug Depth UOM: ft

Plug ID: 1006242954
Layer: 3
Plug From: 6.00
Plug To: 0.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006242951
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction: BORING

Pipe Information

Pipe ID: 1006242942
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006242947
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 4.00

Depth To:	0.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006242948
Layer:	1
Slot:	10
Screen Top Depth:	14.00
Screen End Depth:	4.00
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.00

Water Details

Water ID:	1006242946
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006242945
Diameter:	8.00
Depth From:	14.00
Depth To:	0.00
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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36 ***1 of 1*** ***ENE/183.3*** ***88.9*** ***BURLINGTON ON*** ***WWIS***

Well ID:	2810404	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Not Used	**Date Received:**	11/1/2005
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	6607
Casing Material:		**Form Version:**	3
Audit No:	Z11899	**Owner:**	
Tag:	A011877	**Street Name:**	433 GUELPH LINE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11319359	**Spatial Status:**	

DP2BR:	15	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	4
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	wwr
Elevation:	89.359992	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	7/4/2005
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933007721
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	0.00
Formation End Depth:	4.50
Formation End Depth UOM:	m

Formation ID:	933007722
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Other Materials:	LIMESTONE
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	4.50
Formation End Depth:	6.00
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933280255
Layer:	1
Plug From:	1.20
Plug To:	0.30
Plug Depth UOM:	m

Plug ID:	933280254
Layer:	2
Plug From:	0.30
Plug To:	0.00
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 No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930860361
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.00
Depth To:	1.50
Casing Diameter:	5.00
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933415339
Layer:	1
Slot:	10
Screen Top Depth:	1.50
Screen End Depth:	6.00
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.40

Water Details

Water ID:	934067034
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	2.70
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11537950
Diameter:	15.00
Depth From:	0.00
Depth To:	6.00
Hole Depth UOM:	m
Hole Diameter UOM:	cm

37 ***1 of 1*** ***NE/185.1*** ***89.8*** ***Burlington ON*** ***WWIS***

Well ID:	7269675	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	8/23/2016
Sec. Water Use:	0	***Selected Flag:***	1

Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7320
Casing Material:		***Form Version:***	7
Audit No:	Z232297	***Owner:***	
Tag:	A206924	***Street Name:***	3001 NEW STREET
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006223338	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:		***UTMRC:***	4
Code OB Desc:		***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	wwr
Elevation:	90.271476	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	6/7/2016
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006242962
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	3.00
Formation End Depth UOM:	ft

Formation ID:	1006242963
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3.00
Formation End Depth:	14.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006242971
Layer:	1
Plug From:	14.00
Plug To:	3.00
Plug Depth UOM:	ft

Plug ID:	1006242972
Layer:	2
Plug From:	3.00
Plug To:	6.00
Plug Depth UOM:	ft

Plug ID:	1006242973
Layer:	3
Plug From:	6.00
Plug To:	0.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006242970
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	BORING

Pipe Information

Pipe ID:	1006242961
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006242966
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	4.00
Depth To:	0.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006242967
Layer:	1
Slot:	10
Screen Top Depth:	14.00
Screen End Depth:	4.00
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.00

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

Water Details

Water ID: 1006242965
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006242964
Diameter: 8.00
Depth From: 14.00
Depth To: 0.00
Hole Depth UOM: ft
Hole Diameter UOM: inch

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38 ***1 of 3*** ***ENE/185.5*** ***88.8*** ***1057700 Ontario Incorporated*** ***GEN***
433 Guelph Line Ste. 1
Burlington ON L7R 3L7

Generator No.: ON3201528
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 621110
SIC Description: Offices of Physicians

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

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

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38 ***2 of 3*** ***ENE/185.5*** ***88.8*** ***1057700 Ontario Incorporated*** ***GEN***
433 Guelph Line Ste. 1
Burlington ON L7R 3L7

Generator No.: ON3201528
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 621110
SIC Description: Offices of Physicians

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

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

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38 ***3 of 3*** ***ENE/185.5*** ***88.8*** ***1057700 Ontario Incorporated*** ***GEN***
433 Guelph Line Ste. 1
Burlington ON L7R 3L7

Generator No.: ON3201528
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:

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

SIC Code: 621110
SIC Description: Offices of Physicians

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

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39 **1 of 1** **NE/186.3** **89.8** **Burlington ON** **WWIS**

Well ID: 7269673
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z236113
Tag: A206925
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 8/23/2016
Selected Flag: 1
Abandonment Rec:
Contractor: 7320
Form Version: 7
Owner:
Street Name: 3001 NEW STREET
County: HALTON
Municipality: BURLINGTON CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1006223332
DP2BR:
Code OB:
Code OB Desc:
Open Hole:
Elevation: 90.262161
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr
Org CS: UTM83
Date Completed: 6/7/2016

Overburden and Bedrock Materials Interval

Formation ID: 1006242921
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2:
Other Materials:
Mat3:
Other Materials:

Formation Top Depth: 0.00
Formation End Depth: 3.00
Formation End Depth UOM: ft

Formation ID: 1006242922
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3.00
Formation End Depth: 14.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006242930
Layer: 1
Plug From: 14.00
Plug To: 3.00
Plug Depth UOM: ft

Plug ID: 1006242931
Layer: 2
Plug From: 3.00
Plug To: 6.00
Plug Depth UOM: ft

Plug ID: 1006242932
Layer: 3
Plug From: 6.00
Plug To: 0.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006242929
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction: BORING

Pipe Information

Pipe ID: 1006242920
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006242925
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 4.00
Depth To: 0.00

Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006242926
Layer:	1
Slot:	10
Screen Top Depth:	14.00
Screen End Depth:	4.00
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.00

Water Details

Water ID:	1006242924
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006242923
Diameter:	8.00
Depth From:	14.00
Depth To:	0.00
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

---

40 | ***1 of 1*** | ***SSE/186.6*** | ***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

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41 | ***1 of 1*** | ***E/188.4*** | ***87.9*** | ***ON*** | ***WWIS***

Well ID:	7047563	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	8/2/2007
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6607
Casing Material:		***Form Version:***	3
Audit No:	Z70502	***Owner:***	
Tag:	A049152	***Street Name:***	451 GUELPH LINE
Construction Method:		***County:***	HALTON

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

Bore Hole Information

Bore Hole ID:	23047563	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:		***UTMRC:***	3
Code OB Desc:		***UTMRC Desc:***	margin of error : 10 - 30 m
Open Hole:		***Location Method:***	wwr
Elevation:	88.118186	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	4/30/2007
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	30147563
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	0.90
Formation End Depth UOM:	m

Formation ID:	30247563
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.90
Formation End Depth:	3.60
Formation End Depth UOM:	m

Formation ID:	30347563
Layer:	3
Color:	7
General Color:	RED
Mat1:	05

Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3.60
Formation End Depth: 4.50
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 44002675
Layer: 1
Plug From: 0.00
Plug To: 0.30
Plug Depth UOM: m

Plug ID: 44002676
Layer: 2
Plug From: 0.30
Plug To: 1.50
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 No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 42147563
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.00
Depth To: 1.50
Casing Diameter: 5.10
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 43147563
Layer: 1
Slot: 20
Screen Top Depth: 1.50
Screen End Depth: 4.50
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.40

Water Details

Water ID:	41147563
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	2.00
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	46001789
Diameter:	21.00
Depth From:	0.00
Depth To:	4.50
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

42 | ***1 of 1*** | ***NNE/199.2*** | ***90.8*** | ***Dr. David Robertson***
3009 New Street, Roseland Plaza
Burlington ON L7R1K3 | ***GEN***

Generator No.:	ON9253508	***PO Box No.:***	
Status:		***Country:***	Canada
Approval Years:	2016	***Choice of Contact:***	CO_OFFICIAL
Contam. Facility:	No	***Co Admin:***	Anthony Puntillo
MHSW Facility:	No	***Phone No. Admin:***	905-639-2552 Ext.2416
SIC Code:	562110		
SIC Description:	WASTE COLLECTION		

--Details--

Waste Code:	241
Waste Description:	HALOGENATED SOLVENTS

---

43 | ***1 of 1*** | ***NW/220.3*** | ***89.8*** | ***2422 EDITH AVE, BURLINGTON ON*** | ***PINC***

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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
44	1 of 6	N/226.4	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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
44	2 of 6	N/226.4	90.8	Burlington Camera Inc. 489 Guelph Line Burlington ON	GEN

Generator No.: ON6764936
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 323115
SIC Description: DIGITAL PRINTING

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
44	3 of 6	N/226.4	90.8	Burlington Camera Inc. 489 Guelph Line Burlington ON L7R3M2	GEN

Generator No.: ON6764936
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 323115
SIC Description: DIGITAL PRINTING

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Richard Gibson
Phone No. Admin: 9056327722 Ext.

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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
44	4 of 6	N/226.4	90.8	Burlington Camera Inc. 489 Guelph Line Burlington ON L7R3M2	GEN

Generator No.: ON6764936
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 323115

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Richard Gibson
Phone No. Admin: 9056327722 Ext.

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

SIC Description: DIGITAL PRINTING

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

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44 *5 of 6* *N/226.4* *90.8*

Burlington Camera Inc.
489 Guelph Line
Burlington ON L7R3M2

GEN

Generator No.: ON6764936
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 323115
SIC Description: DIGITAL PRINTING

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Heather Romanuk
Phone No. Admin: 9056327722 Ext.

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

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44 *6 of 6* *N/226.4* *90.8*

Burlington Camera Inc.
489 Guelph Line
Burlington ON L7R3M2

GEN

Generator No.: ON6764936
Status: Registered
Approval Years: As of Jun 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

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

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45 *1 of 1* *N/231.0* *90.8*

Burlington Camera Inc.
489 Guelph Line
Burlington ON

GEN

Generator No.: ON6764936
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 323115
SIC Description: Digital Printing

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

---

46 *1 of 1* *NNW/232.5* *89.8*

ON

BORE

Borehole ID: 625775
Use: Geotechnical/Geological Investigation
Drill Method:: Power auger

Type: Borehole
Status::
UTM Zone:: 17

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

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

47	***1 of 2***	***ESE/235.5***	***86.1***	***Betty Wheeler*** ***390 Guelph Line*** ***Burlington ON L7R 3L4***	***GEN***

Generator No.:	ON8222205	**PO Box No.:**	
Status:		**Country:**	
Approval Years:	02,03,04	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No. Admin:**	
SIC Code:			
SIC Description:			

--Details--

Waste Code:	221
Waste Description:	LIGHT FUELS

47	***2 of 2***	***ESE/235.5***	***86.1***	***Children's Education Funds Inc.*** ***390 Guelph Line*** ***Burlington ON***	***GEN***

Generator No.:	ON8328971	**PO Box No.:**	
Status:		**Country:**	
Approval Years:	2012	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No. Admin:**	
SIC Code:	531111		
SIC Description:	Lessors of Residential Buildings and Dwellings (except Social Housing Projects)		

48	***1 of 1***	***E/239.1***	***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

Unplottable Summary

Total: 26 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Suncor Energy Products Inc.		Burlington ON	
CA	ASL INC. GARRY DIXON	GUELPH LINE	BURLINGTON CITY ON	
CA	GEORGE WIMPEY CANADA LTD./W. PROP. LINE	GUELPH LINE BUSINESS PARK	BURLINGTON CITY ON	
CA	GEORGE WIMPEY CANADA LTD. BOUNDARY EASEM	GUELPH LINE BUSINESS PARK	BURLINGTON CITY ON	
CA	R.M. OF HALTON	GUELPH LINE RECONSTRUCTION	BURLINGTON CITY ON	
CA	LABOK HOLDINGS	NEW ST.	BURLINGTON CITY ON	
CA	LABOK HOLDINGS	NEW STREET	BURLINGTON CITY ON	
CA	QUINN HOMES PINELAND PRESBYTERIAN CHURCH	NEW STREET STREET A	BURLINGTON CITY ON	
CA	QUINN HOMES PINELAND PRESBYTERIAN CHURCH	S. OF NEW STREET STREET A	BURLINGTON CITY ON	
CA	LABOK DEVELOPMENT CORPORATION	SOUTH SIDE OF NEW ST.	BURLINGTON CITY ON	
CA	The Regional Municipality of Halton	New St	Burlington ON	
CA	Petro-Canada		Burlington ON	
ECA	The Regional Municipality of Halton	New St	Burlington ON	L6M 3L1
ECA	The Regional Municipality of Halton	New St	Burlington ON	L6M 3L1
NEES	ESSO PETROLEUM		BURLINGTON CITY ON	
NEES	PETRO-CANADA		BURLINGTON CITY ON	
NEES	ESSO PETROLEUM		BURLINGTON CITY ON	
SPL		New Street (behind arena)	Burlington ON	

SPL	Unknown<UNOFFICIAL>	New Street, east of Walker's Line	Burlington ON
SPL	Fortinos Supermarket Limited (Main Office)	New Street	Burlington ON
SPL		ROSELAND CREEK, SOUTH OF NEW STREET<UNOFFICIAL>	Burlington ON
SPL		NELSON CREEK AT NEW STREET<UNOFFICIAL>	Burlington ON
SPL	Suncor Energy Inc.		Burlington ON
SPL	Fortino's Grocery Store<UNOFFICIAL>	New St	Burlington ON
SPL	TRANSPORT TRUCK	NEW ST/SHORE ACRES TRANSPORT TRUCK (CARGO)	BURLINGTON CITY ON
WWIS		lot 16	ON

Unplottable Report

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

Database: ***CA***

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

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

Database: ***CA***

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

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

Database: ***CA***

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

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

Database: ***CA***

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

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

Database: ***CA***

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

Site: ***The 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: ***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: ***The Regional Municipality of Halton***
New St Burlington ON L6M 3L1

Database: ***ECA***

Project Type: Municipal Drinking Water Systems
Approval No: 6934-7D5HK5
Date: 2008-03-28
Status: Approved
Longitude: 0.000000000000000
Latitude: 0.000000000000000
Record Type: ECA
PDF URL:
Full Address:

Site: ***The Regional Municipality of Halton***
New St Burlington ON L6M 3L1

Database: ***ECA***

Project Type: Municipal and Private Sewage Works
Approval No: 9573-7D5HEB
Date: 2008-03-28
Status: Approved
Longitude: 0.000000000000000
Latitude: 0.000000000000000
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/8466-7D3RSK-14.pdf
Full Address:

Site: ***ESSO PETROLEUM***
BURLINGTON CITY ON

Database: ***NEES***

Incident Date: 2/20/88
Contaminant: WASTE OIL
Amount:: 0
Units:: Valve, Fitting Leak
Quantity::
Cause:: Vandalism
Source:: Service Station
Reason::
Sector:: Petroleum

Site: ***PETRO-CANADA***
BURLINGTON CITY ON

Database: ***NEES***

Incident Date: 8/3/88
Contaminant: GASOLINE
Amount:: 0
Units:: Underground Tank Leak
Quantity::
Cause:: Unknown
Source:: Service Station
Reason::
Sector:: Petroleum

Site: ***ESSO PETROLEUM***
BURLINGTON CITY ON

Database: ***NEES***

Incident Date: 3/31/89
Contaminant: GASOLINE
Amount:: 0
Units:: Process Upset
Quantity::
Cause:: Error
Source:: Service Station
Reason::
Sector:: Petroleum

Site:
New Street (behind arena) Burlington ON

Database: ***SPL***

Ref No: 7183-7Y7MGF
Contaminant Name: PETROLEUM OIL (N.O.S.)
Contaminant Code: 15
Contaminant Limit 1:
Contam. Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
MOE Reported Dt: 11/27/2009
Health/Env Conseq:
Incident Dt:
Incident Cause: Unknown
Incident Event:
Incident Reason: Spill
Incident Summary: City of Burlington: oil sheen in Shoreacres Crk. contained.

Site Address:
Site Conc:
Site Lot:
Site County/District:
Site Municipality:
Site Postal Code:
Sector Type: Unknown
Source Type:
Receiving Medium:
Receiving Env:
Environment Impact: Confirmed
Nature of Impact: Other Impact(s); Surface Water Pollution
SAC Action Class: Watercourse Spills

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

Database: ***SPL***

Ref No: 3735-7RTJKF
Contaminant Name: HYDROCARBON LIGHT
Contaminant Code:
Contaminant Limit 1:
Contam. Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 0 other - see incident description
MOE Reported Dt: 5/7/2009
Health/Env Conseq:
Incident Dt:
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Event:
Incident Reason: Unknown - Reason not determined
Incident Summary: Nelson Park, light hydrocarbon sheen in Shoreacres Creek

Site Address:
Site Conc:
Site Lot:
Site County/District:
Site Municipality: Burlington
Site Postal Code:
Sector Type: Unknown
Source Type:
Receiving Medium:
Receiving Env:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
SAC Action Class: Watercourse Spills

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

Database: ***SPL***

Ref No:	5640-77NAKZ	***Site Address:***	
Contaminant Name:	FREON R-22 (CFC)	***Site Conc:***	
Contaminant Code:	38	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Burlington
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	290 kg	***Sector Type:***	Other
MOE Reported Dt:	10/4/2007	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	Air
Incident Dt:		***Receiving Env:***	
Incident Cause:	Other Discharges	***Environment Impact:***	Possible
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:		***SAC Action Class:***	
Incident Summary:	Fortino's: 290 kg R22 release		

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

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

Ref No:	0683-6LFTNH	***Site Address:***	
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)	***Site Conc:***	
Contaminant Code:	15	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Burlington
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	Not Specific Unknown	***Sector Type:***	Other
MOE Reported Dt:	1/27/2006	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	Water
Incident Dt:	1/27/2006	***Receiving Env:***	
Incident Cause:	Unknown	***Environment Impact:***	Possible
Incident Event:		***Nature of Impact:***	Surface Water Pollution
Incident Reason:	Unknown - Reason not determined	***SAC Action Class:***	
Incident Summary:	Oily sheen in Roseland Creek.		

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

NELSON CREEK AT NEW STREET<UNOFFICIAL> Burlington ON

Ref No:	2863-6Q5MMV	***Site Address:***	
Contaminant Name:	FOAM	***Site Conc:***	
Contaminant Code:	46	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Burlington
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	Not specified m3	***Sector Type:***	Unknown
MOE Reported Dt:	5/25/2006	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	Water
Incident Dt:	5/25/2006	***Receiving Env:***	
Incident Cause:	Discharge Or Bypass To A Watercourse	***Environment Impact:***	Possible
Incident Event:		***Nature of Impact:***	Surface Water Pollution
Incident Reason:	Unknown - Reason not determined	***SAC Action Class:***	
Incident Summary:	Ukn src: Foaming in Nelson Creek		

Site: ***Suncor Energy Inc.*** ***Database:*** ***SPL***

Burlington ON

Ref No:	1818-8GCHYZ	***Site Address:***	
Contaminant Name:	GASOLINE	***Site Conc:***	
Contaminant Code:	12	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Burlington
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	7000 L	***Sector Type:***	Tank Truck
MOE Reported Dt:	4/28/2011	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	4/28/2011	***Receiving Env:***	
Incident Cause:	Other Transport Accident	***Environment Impact:***	Confirmed

Incident Event:		***Nature of Impact:***	Soil Contamination
Incident Reason:	Spill	***SAC Action Class:***	Land Spills
Incident Summary:	SIMULATION: Suncor spill of 7000 L of gasoline to road/land		

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

Database: ***SPL***

Ref No:	3867-6HLKUP	***Site Address:***	
Contaminant Name:	FREON R-22 (CFC)	***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Burlington
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	Other
MOE Reported Dt:	10/28/2005	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	Air
Incident Dt:	10/28/2005	***Receiving Env:***	
Incident Cause:	Discharge or Emission to Air	***Environment Impact:***	Possible
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Equipment Failure	***SAC Action Class:***	Air Spills - Gases and Vapours
Incident Summary:	Fortino's: 116 kg R22 Freon to ATM		

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

Database: ***SPL***

Ref No:	93828	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	14101
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	11/26/1993	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	11/26/1993	***Receiving Env:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Environment Impact:***	NOT ANTICIPATED
Incident Event:		***Nature of Impact:***	
Incident Reason:	ERROR	***SAC Action Class:***	
Incident Summary:	SANDWELL FUELS -5-6 L FURNACE OIL TO ROAD FROM TANKER TRUCK,MVA,CLEANED UP		

Site:
lot 16 ON

Database: ***WWIS***

Well ID:	2809263	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/16/2000
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3030
Casing Material:		***Form Version:***	1
Audit No:	214017	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	016
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	

Clear/Cloudy:

Bore Hole Information

Bore Hole ID: 10155519
DP2BR: 22
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 9/21/2000

Overburden and Bedrock Materials Interval

Formation ID: 931454808
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 1.00
Formation End Depth UOM: ft

Formation ID: 931454809
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Other Materials: SANDY
Mat3:
Other Materials:
Formation Top Depth: 1.00
Formation End Depth: 10.00
Formation End Depth UOM: ft

Formation ID: 931454810
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10.00
Formation End Depth: 22.00
Formation End Depth UOM: ft

Formation ID: 931454811
Layer: 4
Color: 7
General Color: RED

Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 22.00
Formation End Depth: 42.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933140583
Layer: 1
Plug From: 0.00
Plug To: 8.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962809263
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10704089
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264622
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To:
Casing Diameter: 36.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992809263
Pump Set At:
Static Level: 6.00
Final Level After Pumping:
Recommended Pump Depth: 40.00
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 5.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: N

Water Details

Water ID:	933613432
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	6.00
Water Found Depth UOM:	ft

Water ID:	933613433
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	10.00
Water Found Depth UOM:	ft

Water ID:	933613434
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	22.00
Water Found Depth UOM:	ft

Water ID:	933613435
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35.00
Water Found Depth UOM:	ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2016

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-May 2017

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM

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

Government Publication Date: 1999-May 2017

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 31, 2012

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

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Sep 2017

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Sep 2017

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886-Aug 2015

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Jul 2017

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Sep 2017

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Jul 2017

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Aug 2016

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Mar 2017

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-Apr 2015

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Jun 2017

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2015

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2017

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2014

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008 -Jun 2017

National Energy Board Wells: Federal NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-2014

Oil and Gas Wells: Private OGW

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

Government Publication Date: 1988-May 2017

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Oct 2016

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Sep 2017

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988-Aug 2017

TSSA Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Sep 2017

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

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

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

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-May 2017

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Jun 2017

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-2014

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Jan 2015

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Jul 31, 2017

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Mar 31, 2017

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix F: Municipal Records

Copy Service Canada
www.lgicscanada.com
alantos@lgicscanada.com
Phone : 613 875-7387

City Directory Information Source
Vernon's Burlington et al, ON City Directory

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 2011	
Site Listing:	2421- Bibles for Mission Thrift Store - Big Kahuna Tatt Shack - Bryant's Pet Grooming - Doctor Office - Side Kick's School of Martial Arts - Penny Mini Mart - Little Friends Pre-School 2431- Address Not Listed
Adjacent Properties:	
2345-3014 New Street	- All Residential 2433- Easterbrook's Hot Dogs & Jumbo Ice Cream 3001- Bay Cities Animal Hospital

	- The Dutch Shop - Shoppers Drug Mart - L&I Variety - Outsourcing It Computing Inc 3005- Im Horton Donuts 3007- Convenience K - Nepin Investments - I&K Convenience - My Dollar & Party 3009- Doctor's Office 3011- JC's Hot Bagels 2432- Canadian Discount - Used Tires Inc 2434- DRT Promotions 2436- Queen BBBS Hair & Body 2440- Edible Arrangements 2444- Aka Artful Décor - Star Pizza - Basalique Pizza 2446- Don't Fret Musical Instruments
460-514 Beverly Drive	- All Residential
2354-2434 Edith Avenue	- All Residential
2424-2427 Eileen Drive	- All Residential

3020 Glencrest Road	- Multi Tenant Residential
382-540 Guelph Line	- All Residential 405- Meuk Corp 407- Lucido Hair Designs 409- St Clair Place Plaza - Print Three 411- St Clair Place Plaza - Carol Robson Real Estate - Law Office - Naked Truth Esthetics by Kylie - ZImroe Productions Inc 415- Nail Tek'Niqs 417- Banana Joe's Tanning - Bloom Beauty Boutique 419- Anchor's Tattoo Studio 421- Kumar Indian Cuisine Inc 423- The Jean Store 425- Jibs Action Sports Inc 433- At Work Sales and Marketing - Roseland Medical Centre - Maple Crossing Medical Centre - The Medicine Shoppe Pharmacy 453- Sammy's Donair Falafel 455- Cosimo's Hairstylists 459- The Vitamin Store Inc 461- Number One Hot Wok 465- Doctors' Office

	467- Pauls Fish and Meat Market 469- Optometry Professional Corp 471- 1277759 Ont Ltd 473- Ginos Pizza 475- The Sultan Mediterranean Cuisine - Wimpy S Diner 477- Hemming Travel 489- Burlington Camera 382- Beatson & Vandergugten - Berkshire Investment Group - Field Design Inc 384- Career Paths - Silver Albert W Dr & Associates 394- Doctor's Office 402- Burlington Wellness Centre 418- Albert McDonagh Ltd Real Estate Brokerage 422- Roseland Bowl 458- Petro Canada 466- Lela's Fine Furnitures 480- Parker's Cleaners - Frank's Magic Crops Inc - To Have & To Hold Gown Preservation 484- Universal Driver Education Inc 490- Armour Tire and Auto Service Ltd - Goodyear Certified Auto Service 500- TD Bank Financial Group 514- Hampshire House Hair

	- Perceptions Hair Design 520- Julie's Esthetics & Laser Hair Removal
478-519 Karen Drive	- All Residential
462-539 Mayzel Road	- All Residential
394-412 Pepper Street (Drive)	- All Residential
3018-3029 St. Clair Avenue	- All Residential
383 St. Paul Street	- Multi Tenant Residential
384 St. Paul Street	- Multi Tenant Residential
389-399 Ward Street (Road)	- All Residential

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 2006	
Site Listing:	2421-6 Penny Mini Mart -Patti's Beauty & Hair Salon -Bryant's Pet Grooming -Bibles for Mission Thrift Store -Side Kick's School of Martial Arts

	-Chris Canine Crunchies 2431-Address Not Listed
Adjacent Properties:	
2345-3014 New Street	-All Residential 2433-Easterbrook's Hot Dogs & Jumbo Ice Cream 3001-Bay Cities Animal Hospital -Financial Centre Securities Corporation -Shoppers Drug Mart 3005-Tim Hortons Donuts 3007-I & K Convenience 3009-Doctor's Office 3011-J C's Hot Bagels 3015-Deacon's Bench -Roseland Chiropractic
460-514 Beverly Drive	-All Residential 463-Talia's Ukrainian Cuisine
2354-2434 Edith Avenue	-All Residential
2424-2427 Eileen Drive	-All Residential
3020 Glencrest Road	-Multi Tenant Residential
382-540 Guelph Line	-All Residential

	405-Meuk Corporation -Ajendi International 409-Hair Salon -Print Three -Naked Truth Spa Esthetics 411-Gideon Financial 415-Nail Tek'Niqs 419-Hair Salon 423-The Jean Store 425-Variety Drive In 433-Roseland Medical Centre 451-Roseland Cleaners 453-Sammy's Donair Falafel 455-Hair Salon 459-Vitamin Store 461-Haber-Blain Insurance Brokers 467-Pauls Fish & Meat Market 471-L & I's Variety 473-Gino's Pizza 475-Phillipine Millionaire Restaurant 477-Heming Travel Group 483-Edwards J M Associates 489-Burlington Camera 382-Lee Yung and Associates Ltd 384-Doctor's Office -Horizon of Hope -Contact Coating Sales Ltd

	402-Keybase Financial Group 418-McDonagh Albert Ltd 422-Roseland Bowl 458-Digital Matter Corp -Petro Canada 466-Computer Store -Pizza Uno 480-Parker's Cleaners -Jm Drapery Workshop -Frank's Magic Crops Ltd -Cline Photography 482-Barbecues Galore 484-Universal Driver Education Inc 490-Goodyear Certified Auto Service 500-TD Bank Financial Group 514-Hampshire House Hair -Mccurdy Massage Therapy -Hair Salon 520-Hair Salon -Burlington Centre for Endermologie
478-519 Karen Drive	-All Residential
462-539 Mayzel Road	-All Residential
394-412 Pepper Street	-All Residential
3018-3029 St. Clair Avenue	-All Residential

383 St. Paul Street	-Multi Tenant Residential
384 St. Paul Street	-Multi Tenant Residential
389-399 Ward Street	-All Residential

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 2001	
Site Listing:	2421-Burlington Bakery Ltd -Penny Mini Mart -Hair Salon -Bryant's Pet Grooming -Moter Media Marketing -Side Kicks School of Martial Arts -Bibles for Mission Thrift Store 2431-Address Not Listed
Adjacent Properties:	
2345-3014 New Street	-All Residential 2433-Easterbrook's Hot Dogs & Jumbo Ice Cream 3001-Bay Cities Animal Hospital -Financial Centre Securities Corporation

	-Shoppers Drug Mart 3005-Tim Hortons Donuts 3007-I & K Convenience 3009-Doctor's Office 3011-J C's Hot Bagels 3015-Deacon's Bench -Roseland Chiropractic 2432- Canadian Discount - Used Tires Inc 2434- DRT Promotions 2436- Queen BBBS Hair & Body 2440- Edible Arrangements 2444- Aka Artful Décor - Star Pizza - Basalique Pizza 2446- Don't Fret Musical Instruments
460-514 Beverly Drive	-All Residential 463-Talia's Ukrainian Cuisine
2354-2434 Edith Avenue	-All Residential
2424-2427 Eileen Drive	-All Residential
3020 Glencrest Road	-Multi Tenant Residential
382-540 Guelph Line	-All Residential 405-Meuk Corporation

	-Ajendi International 409-Hair Salon -Print Three -Naked Truth Spa Esthetics 411-Gideon Financial 415-Nail Tek'Niqs 419-Hair Salon 423-The Jean Store 425-Variety Drive In 433-Roseland Medical Centre 451-Roseland Cleaners 453-Sammy's Donair Falafel 455-Hair Salon 459-Vitamin Store 461-Haber-Blain Insurance Brokers 467-Pauls Fish & Meat Market 471-L & I's Variety 473-Gino's Pizza 475-Phillipine Millionaire Restaurant 477-Heming Travel Group 483-Edwards J M Associates 489-Burlington Camera 382-Lee Yung and Associates Ltd 384-Doctor's Office -Horizon of Hope -Contact Coating Sales Ltd 402-Keybase Financial Group

	418-McDonagh Albert Ltd 422-Roseland Bowl 458-Digital Matter Corp -Petro Canada 466-Computer Store -Pizza Uno 480-Parker's Cleaners -Jm Drapery Workshop -Frank's Magic Crops Ltd -Cline Photography 482-Barbecues Galore 484-Universal Driver Education Inc 490-Goodyear Certified Auto Service 500-TD Bank Financial Group 514-Hampshire House Hair -Mccurdy Massage Therapy -Hair Salon 520-Hair Salon -Burlington Centre for Endermologie
478-519 Karen Drive	-All Residential
462-539 Mayzel Road	-All Residential
394-412 Pepper Street	-All Residential
3018-3029 St. Clair Avenue	-All Residential

383 St. Paul Street	-Multi Tenant Residential
384 St. Paul Street	-Multi Tenant Residential
389-399 Ward Street	-All Residential

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 1996	
Site Listing:	2421-Bay Cities Animal Hospital -Burlington Bakery Ltd -Penny Mini Mart -Hair Salon -Bryant's Pet Grooming -Moter Media Marketing -Bibles for Mission Thrift Store 2431-Address Not Listed
Adjacent Properties:	
2345-3014 New Street	-All Residential 2433-Easterbrook's Hot Dogs & Jumbo Ice Cream 3005-Tim Hortons Donuts 3007-Roseland Fruit Market 3009-Doctor's Office

	2432- Gerrick Tire Service Ltd - Used Tires Inc 2436- Hair Salon 2440- Filter Queen the Home Shop 2442-Print Three 2444- Lakeshore Music
460-514 Beverly Drive	-All Residential
2354-2434 Edith Avenue	-All Residential
2424-2427 Eileen Drive	-All Residential
3020 Glencrest Road	-Multi Tenant Residential
382-540 Guelph Line	-All Residential 405-The Mailbox Centre 409-Hair Salon -The Watermark 411-Peco Fine Instruments Ltd 415-Dennis Heming Travel 417-The Jean Store 419-Hair Salon 423-Royal Bank of Canada 425-Variety Drive In 451-Star Cleaner 453-Sammy’s Donair Falafel

	455-Hair Salon -Alexandra Body Sugaring 459-Stayoung Travel 461-Haber-Blain Insurance Brokers 463-465-Toronto Dominion Bank 467-Burlington Fish & Meat Market 469-Supreme Photo 471-L & I's Variety 473-Bi-Rite Fresh Meat 475-Millionaire Donut Shop 477-Hillcrest Florist 483-Edwards J M Associates 489-Burlington Camera 382-Vandergugten H & Associates 384-Doctor's Office 394-Marie's Aesthetics 398-Burlington Chiropractic Clinic 418-McDonagh Albert Ltd 422-Roseland Bowl 458-Petro Canada Self Serve 466-My Video Store -Bumpy Roads Clothing for Kids 480-Parker's Cleaners -Jm Drapery Workshop -Frank's Magic Crops Ltd -Cline Photography 482-Barbecues Galore

	484-Universal Driver Education Inc 490-Goodyear Certified Auto Service 500-TD Bank Financial Group 514-Full Circle Skin Care -Hair Salon 520-Hair Salon -Presutti Denture Clinic 526-Hair Salon
478-519 Karen Drive	-All Residential
462-539 Mayzel Road	-All Residential
394-412 Pepper Street	-All Residential
3018-3029 St. Clair Avenue	-All Residential
383 St. Paul Street	-Multi Tenant Residential
384 St. Paul Street	-Multi Tenant Residential
389-399 Ward Street	-All Residential

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 1991	

Site Listing:	2421-Bay Cities Animal Hospital -Burlington Bakery Ltd -Penny Mini Mart -Polish Delicatessen -Trevi Pizza & Subs-Black Angus Freezer Beef Ltd 2431-Address Not Listed
Adjacent Properties:	
2345-3014 New Street	-All Residential 2433-Easterbrook's Hot Dogs & Jumbo Ice Cream 3005-Cozy Restaurant & Tavern 3007-Roseland Fruit Market 3009-Doctor's Office 2434-Second Debut Shoppe 2436- Hair Salon 2442-Print Three 2444- Lakeshore Music 2450-Golf Connection
460-514 Beverly Drive	-All Residential
2354-2434 Edith Avenue	-All Residential
2424-2427 Eileen Drive	-All Residential

3020 Glencrest Road	-Multi Tenant Residential
382-540 Guelph Line	-All Residential 405-The Mailbox Centre -A H E C Services 409-Hair Salon 415-Shawcroft Travel Service 417-Hillcrest Florist 419-Hair Salon 423-Royal Bank of Canada 425-Variety Drive In 451-Star Cleaner 453-Hi Lifestyle Today 455-Hair Salon -Alexandra Body Sugaring 457-Sand's Auto & Services 459-Stayoung Travel 461-Haber-Blain Insurance Brokers -National System of Baking 463-465-Toronto Dominion Bank 467-Wharf Fish & Meat Market 469-Sooter Studios 471-L & I's Variety 473-Bi-Rite Fresh Meat 475-Millionaire Donut Shop 477-Millionare Chicken & Deli 489-Burlington Camera

	382-Vandergugten H & Associates 384-Doctor's Office 398-Burlington Chiropractic Clinic 418-McDonagh Albert Ltd 422-Roseland Bowl 458-Petro Canada Self Serve 466-My Video Store 480-Parker's Cleaners -Storage Room -Bookkeeper Systems -Byrne M R & Associates Limited -Quist Consultants 480-Remnant King 482-Coin Laundry -Ander & Sons Carpets Ltd 484-Universal Driver Education Inc 490-Goodyear Certified Auto Service 500-Canada Trust 514-Hair Salon 520-Hair Salon -Presutti Denture Clinic 526-Doctor's Office
478-519 Karen Drive	-All Residential
462-539 Mayzel Road	-All Residential
394-412 Pepper Street	-All Residential

3018-3029 St. Clair Avenue	-All Residential
383 St. Paul Street	-Multi Tenant Residential
384 St. Paul Street	-Multi Tenant Residential
389-399 Ward Street	-All Residential

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 1986	
Site Listing:	2421-Bay Cities Animal Hospital -Burlington Bakery Ltd -Penny Mini Mart -Hair Salon -Mr M's Subs -Akitt Joyce Travel -Trevi Pizza & Subs -Black Angus Freezer Beef Ltd 2431-Address Not Listed
Adjacent Properties:	
2345-3014 New Street	-All Residential

	2433-Jumbo Ice Cream & Snackaroo's 3005-Cozy Restaurant & Tavern 3007-Roseland Fruit Market 3009-Doctor's Office 3011-The Bookworm 2432-Burlington Transmission Service -Barbecue Gas Grills Inc 2434-Second Debut Shoppe 2436- Botega Shoes 2438-Golden Horseshoe Credit Union 2440-Selection Crystal & Glassware -Lakeshore Music -Powell Christine School of Ballet 2448-Dowright Products
460-514 Beverly Drive	-All Residential
2354-2434 Edith Avenue	-All Residential
2424-2427 Eileen Drive	-All Residential
3020 Glencrest Road	-Multi Tenant Residential
382-540 Guelph Line	-All Residential 405-The Mailbox Centre 409-Hair Salon 411-Law Offices

	415-Shawcroft Travel Service 417-Hillcrest Florist 419-Hair Salon 423-Royal Bank of Canada 425-Variety Drive In 451-Star Cleaner 453-Keith's Stereo 455-Hair Salon 457-Larry's Esso Service 459-Plaza Jewellers -Canadian Health Aids 461-Haber-Blain Insurance Brokers -Virtue Insurance Brokers Ltd 463-465-Toronto Dominion Bank 467-Carriage Trade Uniform Centre -Collegiate Fahions 469-Sooter Studios 471-L & I's Variety 473-Watson's Chemists 475-Millionaire Donut Shop 477-Millionare Chicken & Deli 489-Burlington Camera 384-Denbok H Real Estate Ltd 394-On-Line Embossing Services -Ogilvie Mills Ltd 398-Arocan Realty Ltd 418-McDonagh Albert Ltd

	422-Roseland Bowl 458-Petro Canada Self Serve 466-Color Your World 480-Parker's Cleaners -Byrne M R & Associates Limited -Quist Consultants 480-Remnant King 482-Coin Laundry -Ander & Sons Carpets Ltd 484-Yeates & Yates Ont Land -Sewell & Sewell Records Ont Land Surveyors -Utter-Morris Insurance Brokers Ltd 490-Goodyear Certified Auto Service 500-Canada Permanent Trust Company 514-Hair Salon 520-Hair Salon -Presutti Denture Clinic 526-Doctor's Office
478-519 Karen Drive	-All Residential
462-539 Mayzel Road	-All Residential
394-412 Pepper Street	-All Residential
3018-3029 St. Clair Avenue	-All Residential
383 St. Paul Street	-Multi Tenant Residential

384 St. Paul Street	-Multi Tenant Residential
389-399 Ward Street	-All Residential

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 1981	
Site Listing:	2421-Bay Cities Animal Hospital -Burlington Bakery Ltd -Penny Mini Mart -Hair Salon -Mr M's Subs -Akitt Joyce Travel -Trevi Pizza & Subs -Black Angus Freezer Beef Ltd 2431-Address Not Listed
Adjacent Properties:	
2345-3014 New Street	-All Residential 3005-Cozy Restaurant & Tavern 3007-Roseland Carpets & Interiors 3009-Lavilla Fashions -Bantam Stores

	2432-Burlington Transmission Service 2440-Baskin-Robbins Ice Cream -Mac's Milk -Rapid Blue Print -Joy Fabrics -Burlington Music -Wool Craft
460-514 Beverly Drive	-All Residential
2354-2434 Edith Avenue	-All Residential
2424-2427 Eileen Drive	-All Residential
3020 Glencrest Road	-Multi Tenant Residential
382-540 Guelph Line	-All Residential 405-Christina Science Society Burlington 407-Hillcrest Florist 409-Radio Shack 411-Tele-Direct Ltd 415-Shawcroft Travel Service 417-Gailco Interiors 419-Hair Salon 423-Royal Bank of Canada 425-Variety Drive In 451-Star Cleaner

	453-Complete Rent-Alls Burlington Ltd 455-Hair Salon 457-Larry's Esso Service 459-Plaza Jewellers -Canadian Health Aids 461-Haber-Blain Insurance Brokers -Virtue Insurance Brokers Ltd -L & I Variety & Smoke Shop 463-465-Toronto Dominion Bank 467-Morton Gav Men's Shop 469-La Casa Del Parmagiano 471-Roseland Meat Market 473-Watson's Chemists 475-Millionaire Donut Shop 477-Flavor Bird Chicken 489-Burlington Camera 384-Denbok H Real Estate Ltd 398-Girerson D L Insurance Agency Ltd 418-McDonagh Albert Ltd 422-Roseland Bowl 458-B P Oil Self Service 466-Color Your World 480-Parker's Cleaners -Sun Stop Glass Tinting Co -Ontario Hydro -Byrne M R & Associates Limited 482-Coin Laundry

	-Ander & Sons Carpets Ltd 484-Sewell & Sewell Records Ont Land Surveyors -Utter-Morris Insurance Brokers Ltd 490-Goodyear Certified Auto Service 500-Canada Permanent Trust Company 514-Guaranty Trust Realty 520-Lounsbury Realty Limited 526-Doctor's Office
478-519 Karen Drive	-All Residential
462-539 Mayzel Road	-All Residential
394-412 Pepper Street	-All Residential
3018-3029 St. Clair Avenue	-All Residential
383 St. Paul Street	-Multi Tenant Residential
384 St. Paul Street	-Multi Tenant Residential
389-399 Ward Street	-All Residential

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 1976	

Site Listing:	2421-Bay Cities Animal Hospital -Burlington Bakery Ltd -Penny Mini Mart -Hair Salon -Mr M's Subs -Akitt Joyce Travel -Trevi Pizza & Subs -Black Angus Freezer Beef Ltd 2431-Address Not Listed
Adjacent Properties:	
2345-3014 New Street	-All Residential 3005-Cozy Restaurant & Tavern 3007-Roseland Carpets & Interiors 3009-Lavilla Fashions -Bantam Stores 2432-Burlington Transmission Service 2440-Baskin-Robbins Ice Cream -Mac's Milk -Rapid Blue Print -Joy Fabrics -Burlington Music -Wool Craft
460-514 Beverly Drive	-All Residential

2354-2434 Edith Avenue	-All Residential
2424-2427 Eileen Drive	-All Residential
3020 Glencrest Road	-Multi Tenant Residential
382-540 Guelph Line	-All Residential 405-Christina Science Society Burlington 407-Hillcrest Florist 409-Radio Shack 411-Tele-Direct Ltd 415-Shawcroft Travel Service 417-Gailco Interiors 419-Hair Salon 423-Royal Bank of Canada 425-Variety Drive In 451-Star Cleaner 453-Complete Rent-Alls Burlington Ltd 455-Hair Salon 457-Larry's Esso Service 459-Plaza Jewellers -Canadian Health Aids 461-Haber-Blain Insurance Brokers -Virtue Insurance Brokers Ltd -L & I Variety & Smoke Shop 463-465-Toronto Dominion Bank 467-Morton Gav Men's Shop

	469-La Casa Del Parmagiano 471-Roseland Meat Market 473-Watson's Chemists 475-Millionaire Donut Shop 477-Flavor Bird Chicken 489-Burlington Camera 384-Denbok H Real Estate Ltd 398-Girerson D L Insurance Agency Ltd 418-McDonagh Albert Ltd 422-Roseland Bowl 458-B P Oil Self Service 466-Color Your World 480-Parker's Cleaners -Sun Stop Glass Tinting Co -Ontario Hydro -Byrne M R & Associates Limited 482-Coin Laundry -Ander & Sons Carpets Ltd 484-Sewell & Sewell Records Ont Land Surveyors -Utter-Morris Insurance Brokers Ltd 490-Goodyear Certified Auto Service 500-Canada Permanent Trust Company 514-Guaranty Trust Realty 520-Lounsbury Realty Limited 526-Doctor's Office
478-519 Karen Drive	-All Residential

462-539 Mayzel Road	-All Residential
394-412 Pepper Street	-All Residential
3018-3029 St. Clair Avenue	-All Residential
383 St. Paul Street	-Multi Tenant Residential
384 St. Paul Street	-Multi Tenant Residential
389-399 Ward Street	-All Residential

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 1971	
Site Listing:	2421-Askey Vet Hosp 2431-The Red Barn
Adjacent Properties:	
2345-3014 New Street	-All Residential 3005-Cozy Restaurant & Tavern 3007-Roseland Fashions 3009-Brant Business Asst

	3011-Hse of Orient Carpets 2432-Can Tire Serv Grge 2440-Can Tire Corpn Assoc 2454-Gibson Drive-In Mkt 2010-Grady's Television & Aplncs
460-514 Beverly Drive	-All Residential
2354-2434 Edith Avenue	-All Residential
2424-2427 Eileen Drive	-All Residential
3020 Glencrest Road	-Multi Tenant Residential
382-540 Guelph Line	-All Residential 405-Bill Davidsons Gdn Centre -Hillcrest Hse of Flowers 415-Brethour Rlty Serv Ltd 417-Tone Craft Paints Ltd 419-Hair Salon 423-Royal Bank of Canada 425-Variety Drive In 433-Louis B P Auto Serv 451-Star Cleaner 453-Complete Rent-Alls Burlington Ltd 455-Hair Salon 457-Imp Centre & Car Clinic

	459-Plaza Jewellers -First Class Shoe Repair 461-Haber-Blain Insurance Brokers -L & I Variety & Smoke Shop 463-Toronto Dominion Bank 465-Golden Spindle Fabrics 467-Morton Gav Men's Shop 469-Boswell Lthr Goods Ltd 471-Roseland Meat Market 473-Watson's Chemists 475-Roseland Int Decrg Ltd 477-Pappy's Pizza 489-Burlington Camera 406-Doctor's Office 418-Guelph Line Florists 422-Roseland Bowl 458-Bremer B, B P Serv 466-Bay City Rlty Ltd 480-Parker's Cleaners -Morgan J P Ltd -Halton County Hlth Unit -Ontario Hydro 482-Laconia Bty Lounge -Cue Club 484-Utter-Morris Insurance Brokers Ltd 490-Goodyear Certified Auto Service 520-H B Enterprises

	526-Doctor's Office
478-519 Karen Drive	-All Residential
462-539 Mayzel Road	-All Residential
394-412 Pepper Street	-All Residential
3018-3029 St. Clair Avenue	-All Residential
383 St. Paul Street	-Multi Tenant Residential
384 St. Paul Street	-Multi Tenant Residential
389-399 Ward Street	-All Residential

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 1966	
Site Listing:	2421-Single Tenant Residential 2431-Address Not Listed
Adjacent Properties:	
2345-3014 New Street	-All Residential

	3005-Cozy Restaurant & Tavern 3007-Roseland Fashions 3009-Brant Business Asst 3011-Heather Hill Aplncs Ltd 2432-Can Tire Serv Grge 2442-Whiteheads' Drug Store 2444-Town & Country Restr 2446-Burl Tire & Flrg Co 2454-Gibson Drive-In Mkt 3010-Grady's Television & Aplncs
460-514 Beverly Drive	-All Residential
2354-2434 Edith Avenue	-All Residential
2424-2427 Eileen Drive	-All Residential
3020 Glencrest Road	-Multi Tenant Residential
382-540 Guelph Line	-All Residential 405-Bill Davidsons Gdn Centre -Hillcrest Hse of Flowers 415-Brethour Rlty Serv Ltd 417-Tone Craft Paints Ltd 419-Hair Salon 423-Royal Bank of Canada 425-Variety Drive In

	433-Louis B P Auto Serv 451-Star Cleaner 453-Complete Rent-Alls Burlington Ltd 455-Hair Salon 457-Imp Centre & Car Clinic 459-Plaza Jewellers -First Class Shoe Repair 461-Haber-Blain Insurance Brokers -L & I Variety & Smoke Shop 463-Toronto Dominion Bank 465-Golden Spindle Fabrics 467-Morton Gav Men's Shop 469-Boswell Lthr Goods Ltd 471-Roseland Meat Market 473-Watson's Chemists 475-Roseland Int Decrg Ltd 477-Pappy's Pizza 489-Burlington Camera 406-Doctor's Office 418-Guelph Line Florists 422-Roseland Bowl 458-Bremer B, B P Serv 466-Bay City Rlty Ltd 480-Parker's Cleaners -Morgan J P Ltd -Halton County Hlth Unit -Ontario Hydro

	482-Laconia Bty Lounge -Cue Club 484-Utter-Morris Insurance Brokers Ltd 490-Goodyear Certified Auto Service 520-H B Enterprises 526-Doctor's Office
478-519 Karen Drive	-All Residential
462-539 Mayzel Road	-All Residential
394-412 Pepper Street	-All Residential
3018-3029 St. Clair Avenue	-All Residential
383 St. Paul Street	-Multi Tenant Residential
384 St. Paul Street	-Multi Tenant Residential
389-399 Ward Street	-All Residential

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 1961	
Site Listing:	2421-Single Tenant Residential

	-Chef Catering 2431-Address Not Listed
Adjacent Properties:	
2345-3014 New Street	-All Residential 3005-Cozy Restaurant & Tavern 3007-Roseland Fashions 3011-Lesley Sport Centre 2437-Hair Salon 2440-Can Tire Corpon Assoc Store 2442-Whiteheads' Drug Store 2444-Town & Country Restr 2446-Lindley Bros Ltd 2454-Gibson Drive-In Mkt 3008-Hair Salon 3010-Grady's Television & Aplncs
460-514 Beverly Drive	-All Residential
2354-2434 Edith Avenue	-All Residential
2424-2427 Eileen Drive	-All Residential
3020 Glencrest Road	-Address Not Listed

382-540 Guelph Line	-All Residential 405-Hillcrest Nurseries 415-City Lndry & Dry Clnrs 417-The Dutch Shop 419-Hair Salon 421-Brant Home Specialties 423-Royal Bank of Canada 425-Variety Drive In 433-Brokenshire J, serv stn 451-Star Cleaner 453-Self Serv Econ-O-Wash lndry 455-Hair Salon 457-Humby's Esso Serv 459-Wright Floor & Carpet Centre 461-Haber-Blain Insurance Brokers 463-Toronto Dominion Bank 465-Golden Spindle Fabrics 467-Morton Gav Men's Shop 469-Hall & Wilde Photo 471-The Egg nest 473-White, Ted, Pharm Ltd 475-Skilling Paint & Wallpaper 477-Bernard S House of Music 489-Burlington Camera 406-Doctor's Office 418-Guelph Line Florists 422-Roseland Bowl

	446-Bob's Variety Store 448-Kirby J W , serv stn 458-Plaza B, B P Serv 480-Parker's Cleaners -Morgan-Gossage Ltd -Halton County Health Unit 482-Mid-Way Bldrs Sply & Lmbr
478-519 Karen Drive	-Street Not Listed
462-539 Mayzel Road	-All Residential
394-412 Pepper Street	-All Residential
3018-3029 St. Clair Avenue	-All Residential
383 St. Paul Street	-Address Not Listed
384 St. Paul Street	-Address Not Listed
389-399 Ward Street	-No Listings Within Radius

PROJECT NUMBER: HAM-00801287-A0	
Site Address:	2421 & 2431 New Street, Burlington, Ontario
Year: 1957	

Site Listing:	2421-Single Tenant Residential 2431-Address Not Listed
Adjacent Properties:	
2345-3014 New Street	-All Residential 3005-Cozy Restaurant & Tavern 3007-Roseland Fashions 3011-Lesley Sport Centre 2437-Hair Salon 2444-Town & Country Restr 2446-Lindley Bros Ltd 2454-Gibson Drive-In Mkt 3008-Hair Salon 3010-Grady's Television & Aplncs
460-514 Beverly Drive	-All Residential
2354-2434 Edith Avenue	-All Residential
2424-2427 Eileen Drive	-All Residential
3020 Glencrest Road	-Address Not Listed
382-540 Guelph Line	-All Residential 405-Hillcrest Nurseries

	415-City Lndry & Dry Clnrs 417-The Dutch Shop 419-Hair Salon 421-Brant Home Specialties 423-Royal Bank of Canada 425-Variety Drive In 433-Brokenshire J, serv stn 451-Star Cleaner 453-Self Serv Econ-O-Wash lndry 455-Hair Salon 457-Humby's Esso Serv 459-Wright Floor & Carpet Centre 461-Haber-Blain Insurance Brokers 463-Toronto Dominion Bank 465-Golden Spindle Fabrics 467-Morton Gav Men's Shop 469-Hall & Wilde Photo 471-The Egg nest 473-White, Ted, Pharm Ltd 475-Skilling Paint & Wallpaper 477-Bernard S House of Music 489-Burlington Camera 406-Doctor's Office 418-Guelph Line Florists 422-Roseland Bowl 446-Bob's Variety Store 448-Kirby J W , serv stn

	458-Plaza B, B P Serv 480-Parker's Cleaners -Morgan-Gossage Ltd -Halton County Health Unit 482-Mid-Way Bldrs Sply & Lmbr
478-519 Karen Drive	-Street Not Listed
462-539 Mayzel Road	-All Residential
394-412 Pepper Street	-All Residential
3018-3029 St. Clair Avenue	-All Residential
383 St. Paul Street	-Address Not Listed
384 St. Paul Street	-Address Not Listed
389-399 Ward Street	-No Listings Within Radius

Burlington, Ontario is listed from 1957 to 2011 within the City Directory Archives.

CITY OF Burlington

905-335-7600 x7701
905-335-7675
twyla.nicholson@burlington.ca

October 30, 2017

Ms. Kelsey Proks
80 Bancroft Street
Hamilton, ON L8E 2W5

Dear Ms. Proks:

Re: Request for Access to Information
File No. 180-04-17-87

Thank you for your request received October 24, 2017 pursuant to the *Municipal Freedom of Information and Protection of Privacy Act* (the *Act*) for:

> *Requesting records pertaining to properties 2421 and 2431 New Street from 1875 to present for:*
> *Water Course/Sanitary and Storm Sewers*
> *Environmental concerns (General Correspondence, occurrence reports, abatement), orders, spills, investigations/prosecutions, Waste issues/Landfills*

Records within the custody and control of the City of Burlington are released in full. Staff have advised that the address noted in the records as 2433 New Street is 2431 New Street. Your request has also been transferred to Halton Region on October 24, 2017, as it may have custody of the records you seek.

Section 45 of the *Act* and section 6 of Regulation 823 requires institutions to charge fees for access to information. The total estimated fee associated with this request is **$14.90** broken down as follows:

Search: 15 minutes @ $7.50 per 15 minutes	$7.50
Copies of records: 37 pages @ $.20 per page	$7.40
Total fee, excluding HST, where applicable	**$14.90**

The fee is too small to justify payment and has been waived.

If you have any questions about this matter please feel free to contact Twyla Nicholson, Records and Information Coordinator for the City of Burlington at 905-335-7600, extension 7701.

As Head of the institution, I am responsible for this decision. You may request that this decision be reviewed by The Information and Privacy Commissioner of Ontario, 2 Bloor Street East, Suite 1400, Toronto, Ontario, M4W 1A8, telephone: 1-800-387-0073 or 416-326-3333. You have 30 days from the receipt of this letter to request a review. If you decide to request a review, please provide the Commissioner's office with a cheque for $25.00, the file number on this letter, a copy of this decision letter, and a copy of the original request for records that you submitted to the City.

Sincerely,

Angela Morgan
City Clerk

Enclosures

SOIL-MAT ENGINEERS & CONSULTANTS LTD.
130 LANCING DRIVE, HAMILTON, ONTARIO L8W 3A1
PHONE (905) 318-7440 FAX (905) 318-7455
E-MAIL: info@soil-mat.on.ca WEB SITE: www.soil-mat.on.ca

PROJECT NO.: SM 093537-E OCTOBER 9, 2009

MILLINGTON & ASSOCIATES LTD.
3380 South Service Road
Burlington, Ontario
L7N 3J5

Attention: Mr. Tony Millington

PHASE II ENVIRONMENTAL SITE ASSESSMENT
EXISTING COMMERCIAL LANDS
2433 NEW STREET, BURLINGTON, ONTARIO

Dear Mr. Millington,

SOIL-MAT ENGINEERS & CONSULTANTS LTD. [SOIL-MAT] were retained by MILLINGTON & ASSOCIATES LTD. to undertake a Phase II Environmental Site Assessment [*ESA*] on the above captioned property, herein referred to as the *Site*.

A Proposal for the Phase II ESA was submitted to MILLINGTON & ASSOCIATES LTD. under SOIL-MAT'S Proposal No.: P4210, dated August 14, 2009.

Our fieldwork in connection with the above noted project, as outlined in our Proposal has been completed and our comments and findings are provided herein.

PROJECT SCOPE

1. Advance four [4] boreholes, in total, to depths up to 7.5 metres below ground surface ["m bgs"], near the northern and eastern limits of the Site to assess potential adverse environmental impacts to the Site from current and historic operations on nearby properties, including a gasoline service station property immediately east of the Site and a dry cleaning facility roughly 100 metres north of the north limit of the Site;
2. Install a ground water monitoring well at three [3] of the borehole locations to assess the impact, if any, to the ground water on the Site;
3. Submit one 'worst-case' soil sample from each borehole for laboratory analytical testing for petroleum hydrocarbons ["CCME Fractions 1-4"], volatile organic compounds ["VOCs"] and a site decommissioning metal scan;
4. Submit a ground water sample from each ground water monitoring well on the Site for the same laboratory analytical testing, and;
5. Present our findings in a Phase II Environmental Site Assessment report.

This Phase II ESA should not be construed as an environment audit or regulatory compliance review of the property and was conducted generally in accordance with the Canadian Standards Association "Document Z769-00, Phase II Environmental Site Assessment," March 2000.

PROCEDURE

Buried utilities within the study area were located through the services of Ontario 1-Call prior to commencing field activities.

The physical drilling was performed by DETERMINATION DRILLING & SOIL INVESTIGATIONS [DDSI] under the direction of SOIL-MAT on September 25, 2009. In total, four [4] boreholes were advanced on the Site to auger refusal at depths of between about 5.1 to 6.1 m bgs. Soil samples were secured at 0.60 metre intervals via split spoon samplers from ground surface to the underlying bedrock formation at each borehole. Each split-spoon sampler was thoroughly washed with non-phosphate detergent, then rinsed with water before the collection of each subsequent sample to minimise the potential for cross-contamination between samples.

A 50mm ground water monitoring well ["GWMW"] was installed in three [3] of the borehole locations upon the completion of drilling activities. The GWMWs were installed in accordance with *Regulation 903 [Wells]* under the Ontario Water Resources Act.

A water well record was submitted to the Ministry of the Environment upon completion of drilling activities.

LABORATORY ANALYTICAL TESTING

All laboratory analytical testing was performed by AGAT Laboratories ["AGAT", an independent Canadian Accredited Environmental Laboratory], located in Mississauga, Ontario.

SOIL SAMPLES

Soil samples were examined in the field for visual and olfactory evidence of potential impact and were split into two samples as follows;

- One sample was sealed in a sampling jar for delivery to AGAT for laboratory analytical testing, and;
- One sample was sealed in a plastic sampling bag for further characterisation in SOIL-MAT'S in-house soils laboratory.

Soil samples were delivered to AGAT in pre-cleaned wide mouth, amber glass sample jars, no head space, as provided by the laboratory. Both sets of samples were stored and transported in a cooler and kept under ice packs to minimise potential volatilisation of select parameters.

In total, four [4] soil samples were submitted to AGAT for laboratory analytical testing, including the following:

Sample ID	Depth [m bgs]	Laboratory Analysis	Soil Description
BH1-SS5	3.0 to 3.6	CCME, VOCS and Metals and Inorganics	Sand/ Silty Sand
BH2-SS6	3.8 to 4.4	CCME, VOCS and Metals and Inorganics	Sand/ Silty Sand
BH3-SS7	4.6 to 5.2	CCME, VOCS and Metals and Inorganics	Sand/ Silty Sand
BH4-SS6	3.8 to 4.4	CCME, VOCS and Metals and Inorganics	Sand/ Silty Sand

Field observations recorded during the physical drilling and sampling events did not note any visual or olfactory evidence of petroleum hydrocarbon impact in the retrieved samples.

GROUND WATER MONITORING WELLS

The GWMWs installed on the Site during our Phase II ESA activities were equipped with dedicated sampling equipment, including high density 10 millimetre [½-inch] water bailer for the CCME 1-4 and Metal and Inorganic sample collection and a high density ½-inch tubing outfitted with a Waterra foot-valve pump for the VOC sample collection.

Three well volumes were purged from each GWMW prior to the collection of each ground water sample that was submitted for laboratory analysis. Once collected, the ground water sample was stored in sample jars as supplied by AGAT and stored and transported under ice packs to minimise potential volatilisation of select parameters.

Three ["3"] ground water samples were submitted to AGAT for laboratory analytical testing, including the following:

Sample ID	Ground Water Static Level [m bgs]	Laboratory Analysis
MW1-S1A [installed at BH1]	2.22	TPH [CCME 1-4] and Metals and Inorganics
MW2-S1A [installed at BH2]	2.36	TPH [CCME 1-4] and Metals and Inorganics
MW3-S1A [installed at BH3]	2.27	TPH [CCME 1-4] and Metals and Inorganics
MW1-S1B [installed at BH1]	2.22	VOCs
MW2-S1B [installed at BH2]	2.36	VOCs
MW3-S1B [installed at BH3]	2.27	VOCs

Field observations conducted during ground water sampling did not reveal any visual or olfactory evidence of a petroleum hydrocarbon impact to the retrieved ground water samples.

Borehole and GWMW locations are illustrated on Drawing No.: 1 in Appendix 'A.'

ONTARIO REGULATION 153/04 CLEAN-UP STANDARD

The results of the above noted analytical program are presented in the attached AGAT Certificate of Analysis. The laboratory test results received in our Office were compared with the Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the *Environmental Protection Act*, based on the following:

1. Land use: Commercial;
2. Intended land use: Commercial;
3. Drinking Water Supply: Non-Potable Ground Water;
4. On-site Soil Texture: Coarse Textured Soils;
5. Depth to Bedrock: Bedrock Below 1.5 m bgs, and;
6. pH of soils on the Site: within the Standard range;

Based on the above, SOIL-MAT has applied the Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition for an Industrial/ Commercial/ Community Property Use for comparison with the analytical test results, hereinafter referred to as the Table 3 ICC Standards.

SITE DESCRIPTION

The Site is comprised of a roughly rectangular shaped parcel of land on the north side of New Street between Guelph Line and Beverly Drive in the City of Burlington, Ontario.

The Site was occupied by a single-storey commercial building [Easterbrook's Restaurant] in the south western portion of the Site at the time of this Report. The remainder of the Site is comprised primarily of an asphalt-covered parking lot. The topography of the Site is generally flat and level with surface water directed to on-site storm sewer catch basins.

Surface water was not noted on the Site during the Phase II ESA.

GEOLOGICAL SETTING

The soils, beneath the pavement structure, were found to consist of a brown, Sand/ Silty Sand to depths ranging between 5.3 to 5.7 m bgs. The Sand/ Silty Sand gives way to Silty Clay [weathered Shale] that was proven to the termination of each borehole.

SOIL-MAT's borehole logs are included in Appendix 'B' for reference.

SOIL ANALYTICAL DATA

As previously reported, the laboratory test results received in our Office are compared with the *Table 3 ICC Standards* from the Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the *Environmental Protection Act*, for a commercial property use.

The results of the laboratory analytical testing are summarised below.

SOIL ANALYTICAL TEST RESULTS

In total, four [4] soil samples were submitted to AGAT for laboratory analysis. The analytical test results for the submitted samples are summarised below.

Sample ID	Depth [m bgs]	Soil Type	Comparison with Reg. 153/04 Soil Standard
BH1-SS5	3.0 to 3.6	Sand/ Silty Sand	No reported exceedances
BH2-SS6	3.8 to 4.4	Sand/ Silty Sand	No reported exceedances
BH3-SS7	4.6 to 5.2	Sand/ Silty Sand	Exceeds in Tetrachloroethene [reported as 2.4ppm]
BH4-SS6	3.8 to 4.4	Sand/ Silty Sand	Exceeds in Tetrachloroethene [reported as 1.4ppm]

With the exception of samples BH3-SS7 and BH4-SS6, which both exceed the Table 3 ICC Standard in Tetrachloroethene, the laboratory analytical test results for the submitted samples are all below the applicable Table 3 ICC Standards.

The Table 3 ICC Standard for Tetrachloroethene is 0.45ppm.

The AGAT Certificate of Analysis is included in Appendix 'C' for reference.

GROUND WATER ANALYTICAL DATA

Ground water samples were collected on September 28, 2009 for submission to AGAT for laboratory analytical testing for CCME 1-4, VOCs and Metals and Inorganics. The analytical test results for the submitted samples are summarised below.

Sample ID	Laboratory Analysis	Comparison with Reg. 153/04 Soil Standard
MW1-S1A [installed at BH1]	TPH [CCME 1-4] and Metals and Inorganics	Exceeds the Standard in Copper and although below the Standards has detectable levels of BTEX and CCME F1-F2
MW2-S1A [installed at BH2]	TPH [CCME 1-4] and Metals and Inorganics	Exceeds the Standard in Copper and although below the Standards has detectable levels of Benzene, Xylenes and CCME F1-F2
MW3-S1A [installed at BH3]	TPH [CCME 1-4] and Metals and Inorganics	No reported Table 3 ICC Exceedances but has detectable levels of Benzene, Ethylbenzene, Xylenes and CCME F1-F2
MW1-S1B [installed at BH1]	VOCs	Exceeds the Standard in Vinyl Chloride and Tetrachloroethene and although below the Standard has detectable levels of trans- 1,2-Dichloroethylene, cis- 1,2-Dicholoethylene and Trichloroethylene
MW2-S1B [installed at BH2]	VOCs	Exceeds the Standard in Vinyl Chloride and Tetrachloroethene and although below the Standard has detectable levels of cis- 1,2-Dicholoethylene and Trichloroethylene
MW3-S1B [installed at BH3]	VOCs	Exceeds the Standard in Tetrachloroethene and although below the Standard has detectable levels of Trichloroethylene

It is noted that the laboratory method detection limits for samples MW2-S1B and MW3-S1B are greater than the Table 3 ICC Standards in many cases as a result of the sample dilution factor applied by the laboratory given the high level of Tetracholoethene in the samples. As a result, it is possible that the ground water samples MW2-S1B and MW3-S1B may actually contain levels of other select VOCs that exceed the Table 3 ICC Standards. In order to determine the above, multiple discrete samples will need to be secured from monitoring wells MW2 and MW3 for additional laboratory analytical testing.

The AGAT certificate of analysis for the ground water analytical data is contained in Appendix 'D' for reference.

GENERAL COMMENTS/ SUMMARY

Based on SOIL-MAT's field observations and the analytical test results received in its office, SOIL-MAT offers the following:

1. Four boreholes were advanced on the Site to assess the impact to the underlying soil on the Site, if any, from the current and historic operations on nearby properties;
   - Field observations recorded during sample retrieval did not note any visual or olfactory evidence of petroleum hydrocarbon impact;
   - One soil sample from each borehole was submitted for laboratory analytical testing for CCME 1-4, VOCs and Metals and Inorganics. With the exception of samples BH3-SS7 and BH4-SS6, which both exceed the Table 3 ICC Standard in Tetrachloroethene, the laboratory analytical test results for the submitted samples are all below the applicable Table 3 ICC Standards;
2. In addition to the above, a ground water sample was secured from a ground water monitoring well installed at three [3] of the borehole locations. The ground water samples were submitted to AGAT for laboratory analytical testing as described above;
   - The results of the laboratory analytical testing revealed the following Table 3 ICC exceedances;

- Copper in ground water samples MW1-S1A and MW2-S1A;
- Vinyl Chloride in ground water samples MW1-S1B and MW2-S1B, and;
- Tetrachloroethene in ground water samples MW1-S1B, MW2-S1B and MW3-S1B.

- Although below the Table 3 ICC samples various BTEX compounds, petroleum hydrocarbons as F1 and F2 and select VOCs were detected in each ground water sample;

3. Based on the information available to SOIL-MAT upon the completion of the assessment activities, SOIL-MAT offers the following recommendations;
   - There is an apparent adverse environmental impact to the Site that is typical of dry cleaning operations as evidenced by the high levels of Tetrachloroethene and other select VOCs;
   - Although below the applicable Table 3 ICC Standard, there is an adverse environmental impact to the Site typical of a gasoline service station operation as evidenced by the presence of petroleum hydrocarbons and BTEX compounds in the ground water samples;
   - The extent of the petroleum hydrocarbon and VOC impact on the Site has not been fully delineated by this Phase II ESA. As such, additional assessment activities on the Site are recommended to further delineate the impacted zone on the Site;
   - In addition to the above, it may be prudent to undertake a Phase I Environmental Site Assessment of the Site to establish the historical land use of the Site and determine if any historical operations on the Site may have contributed to the identified contaminants;
4. The samples secured for analytical testing are believed to be representative of the soil conditions at the sample locations only. If any significant changes are noted, i.e., odours, staining etc., SOIL-MAT should be contacted to reassess the environmental characteristics of the soil, and;
5. SOIL-MAT ENGINEERS & CONSULTANTS LTD. prepared this Report for the account of MILLINGTON AND ASSOCIATES LTD. The material in it reflects SOIL-MAT'S best judgement in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. SOIL-MAT accepts no responsibility for damages, if any suffered by any third party as a result of decisions made or actions based on this report.

We trust this Report is satisfactory for your purposes. Please feel free to contact our Office if you have any questions, or we may be of further service to you.

Yours very truly,
SOIL-MAT ENGINEERS & CONSULTANTS LTD.

Keith Gleadall, B.A., Env Assessment Dipl.
Project Manager

John Monkman, P.Eng.
Review Engineer

Distribution: MILLINGTON AND ASSOCIATES LTD. [2]

Enclosures:
Appendix 'A': Drawing No.: 1 Borehole Locations;
Appendix 'B' Borehole Logs;
Appendix 'C' AGAT Soil Analytical Data;
Appendix 'D' AGAT Ground Water Analytical Data, and;
Appendix 'E' Statement of Limitations.

Waiver for
Environmental Source Information Database Search

***(Previously called Hazardous Land Use and Chemical Occurrence Inventory Search,* Environmental Protection GIS Database Search)**

I hereby acknowledge and agree that the Region of Halton cannot guarantee or warrant that the information contained in the Environmental Source Information Database (previously the *Hazardous Land Use and Chemical Occurrence Inventory Search Environmental Protection GIS Database Search)* is accurate or correct.

I agree to waive the Region of Halton from any claim or liability that can or may arise, from the provision of this information.

Signature:		Date:	Oct. 27/17

(cheques to *Regional Municipality of Halton* in the amount of **$168.00**)

Subject Property:

Property Address:	2421 and 2431 New Street, Burlington, ON

Please include a location map of the subject property including **property boundary lines** and **major road intersections** nearby.

Location Map: (see enclosed)

Applicant Contact Information:

Applicant Name:	Stephanie Hsia		
Address:	80 Bancroft St. Hamilton, ON L8E 2W5		
Phone Number:	905-573-4000 x5019	Email:	stephanie.hsia@exp.com



— = Approx. Site boundary

2421 & 2431 New St., Burlington, ON

Legislative & Planning Services
Planning Services
1151 Bronte Road
Oakville ON L6M 3L1

November 28, 2017

Stephanie Hsia
EXP Services Inc.
80 Bancroft Street
Hamilton, Ontario L8E 2W5

Dear Ms. Hsia:

RE: **Environmental Source Information Inventory Request**
Subject Property: **2421 New Street, Burlington**

This is in reference to your written request for information and signed waiver dated **October 27, 2017** and received on **November 3, 2017**. Halton Region staff reviewed Halton Region's ***Environmental Source Information GIS Database*** (previously known as Halton Region's *Hazardous Land Use and Chemical Occurrence Environmental Protection GIS Database*) and a summary of the information is provided in Table 1, attached, for the subject property mentioned above.

Please be reminded that the information in Table 1 was obtained from a variety of sources and dates as listed and the information may include confidential privileged information intended only for the addressee(s). Halton Region cannot guarantee or warrant that this information is accurate or complete nor can the Region be held responsible for any claim or liability that can or may arise from the provision of this information. Any use which a third party makes of this information, or any reliance on or decisions to be made based on this information, are the responsibility of such third parties. Halton Region accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken on the information contained in this document.

If you would like to obtain information regarding sewers discharge violations or spills to the sanitary sewer please contact David Large, Supervisor, Industrial Waste, Public Works Department, Wastewater Services Department, Ext 7723.

If you have any questions regarding this information, please contact the undersigned at ext. 3054.

Sincerely,

Behnam Doulatyari
Planner – Groundwater and Hydrology, Sustainable Planning

Table 1: Inventory Search for: **2421 New Street, Burlington**

Database and Sources	Validity Range	Last Updated	Information
Current or Historic Land Uses:			
Land Use Designations in Halton Region [1, 6, 7]	1950 - 2014	Jul 2015	Intake Protection Zone (Source Water Protection Plan), Highly Vulnerable Aquifer (Source Water Protection Plan)
Regional Planning Files[1]	1988 - 2017	Mar 2017	No records found
Halton Region's Employment Survey	2015	Dec 2015	Building Type: Big Box Store or Retail Plaza NAICS Codes: 611620, 446199, 621390, 621390, 453310, 812190, 812310, 812910, 621310, 445120, 621390
Halton Region's Business Directories[1]	1977 - 2008	Aug 2008	SIC_DESC: FOOD STORES, GROCERY STORES NAICS: 44511003 SIC_DESC: PERSONAL SERVICES, LAUNDRY, CLEANING, AND GARMENT SERVICES, POWER LAUNDRIES, FAMILY AND COMMERCIAL NAICS: 81231001 SIC_DESC: MISCELLANEOUS RETAIL, USED MERCHANDISE STORES NAICS: 45331033 SIC_DESC: PERSONAL SERVICES, MISCELLANEOUS PERSONAL SERVICES, MISCELLANEOUS PERSONAL SERVICES, NOT ELSEWHERE CLASSIFIED NAICS: 81299030, 61162014 SIC_DESC: AGRICULTURAL SERVICES, ANIMAL SERVICES, EXCEPT VETERINARY, ANIMAL SPECIALTY SERVICES, EXCEPT VETERINARY NAICS: 81291021 SIC_DESC: HEALTH SERVICES, OFFICES AND CLINICS OF OTHER HEALTH PRACTITIONERS, OFFICES AND CLINICS OF CHIROPRACTORS NAICS: 62131002 SIC_DESC: SOCIAL SERVICES, CHILD DAY CARE SERVICES NAICS: 62441003
Halton Region Fire Insurance Plans[1]	1950 - 2005	Jun 2006	No records found
Potentially Hazardous Land/Chemical Uses:			
National Pollutant Release Inventory[2]	1993 - 2015	Apr 2017	No records found
Inventory of Retail Fuel Storage Tanks [3]	1950 - 2009	Jan 2009	No records found

The information contained in this document may include confidential privileged information intended only for the addressee(s). This material may be subject to the provisions of the Municipal Freedom of Information & Protection of Privacy Act. The information contained in this document may have been obtained from a variety of sources. Halton Region accepts no responsibility for the accuracy and completeness of the information or the omission of data. Any use which a third party makes of this information, or any reliance on or decisions to be made based on this information, are the responsibility of such third parties. Halton Region accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken on the information contained in this document.

Inventory of PCB Storage Sites[4]	1986 - 2015	May 2017	No records found
Pesticide Licensee Database[4]	1986 - 2016	Apr 2017	No records found
Environmental Instruments:			
Environmental Compliance Approvals/ Certificates of Approval [4]	1996 – 2016	Apr 2017	No records found
Permits to Take Water [4]	1962 - 2016	May 2017	No records found
Environmental Incidents:			
Spills Action Centre Database[4]	1989 - 2014	Jul 2015	No records found
Environmental Non-Compliance[4]	1994 – 2015	May 2017	No records found
Environmental Orders[5]	1995-2016	May 2017	No records found
Waste Management Sites and Records [1, 4]	1950 - 2011	Jul 2015	No records found
Hazardous Waste Information System[4]	1986 - 2015	May 2017	No records found
Sources: [1]Halton Region; [2]Environment Canada; [3]Technical Standards and Safety Authority; [4] Ministry of the Environment and Climate Change; [5] Environmental Registry; [6] Ministry of Natural Resources and Forestry; [7] Niagara Escarpment Commission			

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Legislative & Planning Services
Planning Services
1151 Bronte Road
Oakville ON L6M 3L1

November 28, 2017

Stephanie Hsia
EXP Services Inc.
80 Bancroft Street
Hamilton, ON L8E 2W5

Dear Ms. Hsia:

RE: **Environmental Source Information Inventory Request**
Subject Property: **2431 New Street, Burlington**

This is in reference to your written request for information and signed waiver dated **October 27, 2017** and received on **November 3, 2017**. Halton Region staff reviewed Halton Region's ***Environmental Source Information GIS Database*** (previously known as Halton Region's *Hazardous Land Use and Chemical Occurrence Environmental Protection GIS Database*) and a summary of the information is provided in Table 1, attached, for the subject property mentioned above.

Please be reminded that the information in Table 1 was obtained from a variety of sources and dates as listed and the information may include confidential privileged information intended only for the addressee(s). Halton Region cannot guarantee or warrant that this information is accurate or complete nor can the Region be held responsible for any claim or liability that can or may arise from the provision of this information. Any use which a third party makes of this information, or any reliance on or decisions to be made based on this information, are the responsibility of such third parties. Halton Region accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken on the information contained in this document.

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If you have any questions regarding this information, please contact the undersigned at ext. 3054.

Sincerely,

Behnam Doulatyari
Planner – Groundwater and Hydrology, Sustainable Planning

Table 1: Inventory Search for: **2431 New Street, Burlington**

Database and Sources	Validity Range	Last Updated	Information
Current or Historic Land Uses:			
Land Use Designations in Halton Region [1, 6, 7]	1950 - 2014	Jul 2015	Intake Protection Zone (Source Water Protection Plan), Highly Vulnerable Aquifer (Source Water Protection Plan)
Regional Planning Files[1]	1988 - 2017	Mar 2017	No records found
Halton Region's Employment Survey	2015	Dec 2015	Building Type: Stand Alone Retail Building NAICS Code: 722511
Halton Region's Business Directories[1]	1977 - 2008	Aug 2008	SIC_DESC: EATING AND DRINKING PLACES, EATING AND DRINKING PLACES, EATING PLACES NAICS: 72211019
Halton Region Fire Insurance Plans[1]	1950 - 2005	Jun 2006	No records found
Potentially Hazardous Land/Chemical Uses:			
National Pollutant Release Inventory[2]	1993 - 2015	Apr 2017	No records found
Inventory of Retail Fuel Storage Tanks [3]	1950 - 2009	Jan 2009	No records found
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Sources: [1]Halton Region; [2]Environment Canada; [3]Technical Standards and Safety Authority; [4] Ministry of the Environment and Climate Change; [5] Environmental Registry; [6] Ministry of Natural Resources and Forestry; [7] Niagara Escarpment Commission			

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Appendix G: Other Government Records

Kelsey Proks

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Wednesday, October 18, 2017 4:14 PM
To: Kelsey Proks
Subject: RE: Tank search in Burlington, Ontario

Hello Kelsey,

Thank you for your inquiry.

I have searched the below noted address (addresses) and I have located the following record:

- 458 Guelph Line, Burlington, Ontario: 3 active liquid fuel tank, 1 active self serve gas station, 1 active cylinder, 5 expired liquid fuel tanks.

For a more detailed report including underground fuel storage tank details and copies of all inspection reports, please submit your request in writing to Public Information Services via e-mail (publicinformationservices@tssa.org) or through mail along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a cheque made payable to TSSA.

Thank you and have a great day,

Sherees

Sherees Thompson | Public Information Agent
Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: sthompson@tssa.org
www.tssa.org

Employeur remarquable du Canada 2016 PARTENARIAT EN ÉDUCATION
Canada's Outstanding Employer 2016 THE LEARNING PARTNERSHIP

From: Kelsey Proks [mailto:Kelsey.Proks@exp.com]
Sent: October 12, 2017 5:24 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Tank search in Burlington, Ontario

Good afternoon,

Could you please perform a tank search for the following properties located Burlington, ON;

- 2421 New Street
- 2431 New Street
- 2411 New Street
- 3001 New Street

- 2440 New Street
- 2393 New Street
- 2418 New Street
- 458 Guelph Line
- 466 Guelph Line
- 433 Guelph Line

Your assistance is greatly appreciated,

Kelsey

Kelsey Proks, B.Sc.
Environmental Specialist
exp Services Inc.
t: +1.905.573.4000 x5075 | e: kelsey.proks@**exp**.com
80 Bancroft Street,
Hamilton, ON L8E 2W5
CANADA

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de l'Action en matière de changement climatique

Bureau de l'accès à l'information et de la protection de la vie privée

12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285

Ontario

RECEIVED NOV 14 2017

November 8, 2017

Kelsey Proks
exp Services Inc.
80 Bancroft St
Hamilton, ON L8E 2W5

Dear Kelsey Proks:

RE: *Freedom of Information and Protection of Privacy Act* Request
Our File #: A-2017-07140, Your Reference #: HAM-00801287-A0

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 2421 and 2431 New St, Burlington.

After a thorough search of the Ministry's Halton Peel District Office, Investigations and Enforcement Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, records were located in response to your request. It is my decision to provide full access to the attached information.

In accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, detailed below are our charges:

• Search Time 1 hour @ $30/hour	$ 30.00
• Copying 4 pages @ $0.20/page	$ 0.80
• Delivery	$ 3.00
• **Total**	**$ 33.80**
• Deposit Received	- $ 30.00
• **BALANCE WAIVED (NOT REQUIRED)**	**$ 3.80**

To conduct a search through the files of the Environmental Approvals Branch requires an additional 8 hours. If you would like us to search for Environmental Compliance Approvals/Certificates of Approval at the Environmental Approvals Branch (EAB), please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of $240.00. **As EAB may have filed approval records by the proponent of the approval (current/former property owner/tenants of the property) rather than the site address, you will be required to provide all current/former property owner/tenant names for the search years you requested in your application when submitting payment for this search.** Please note that there is no guarantee any records will be located responsive to your request. Credit card forms are available on the Ministry's website http://www.ontario.ca/environment-and-energy/freedom-information-request-form. Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the search conducted at the Environmental Approvals Branch, the time for answering your request will be extended for an additional 30 days.

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a $25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Michael Kolaric at (416) 327-3036.

Yours truly,

for Janet Dadufalza
FOI Manager

Attachments



Generator Details

Registration/Notification Number

ON3563883

Legal Company Name

Primary Name:	big kahuna tatt shack	Division Name:	NA

Company Operating Name

Primary Name:	big kahuna tatt shack	Division Name:	NA

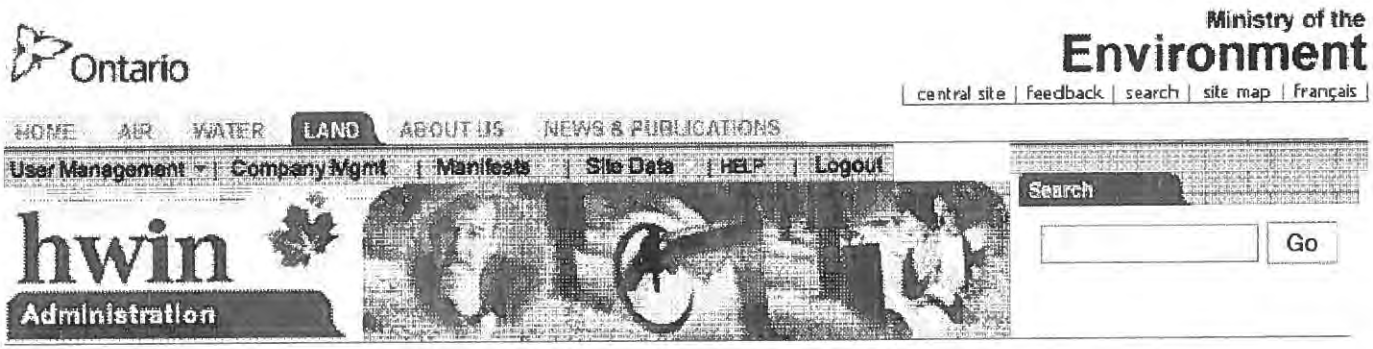
Mailing Address

Division Building:	NA	Post Box Number:	7
Address Line 1:	2421 new st	Address Line 2:	NA
Town/City:	burlington	Postal Code / Zip Code:	L7R1K1
County: (if inside Ontario)	HALTON (R. M.)	Province/State (If inside Canada/US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (If outside Canada / US)	NA
Country:	Canada		

Site Location

This should be the street address of the site that is being registered. You are required to register each site that generates hazardous waste separately.

Division Building:	NA	Post Box Number:	7
Address Line 1:	2421 new st		
Address Line 2:	NA		
Town/City:	burlington	Postal Code / Zip Code:	L7R1K1
County: (if inside Ontario)	HALTON (R. M.)	Province / State (If inside Canada / US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (If outside Canada / US)	NA
Country:	Canada		



Company Name: **big kahuna tatt shack**
Company Number: **ON3563883 (Generator)**

Active Waste Classes

Active Waste Class Listing

Add New Waste Class | Inactive waste classes

Active Off-site Waste Classes

Waste Class	View Details	Hazardous Waste Number (per waste stream)	Reg. 347 Schedules	Disposal Method	Part 2B required	Part 2B complete	Physical State	Off-Site	Status	UnRegister Waste Class
312 - P	View Details	N/A					Solid	Off-Site	Active	

Back

Ontario This site maintained by the Government of Ontario

Technical inquires to Webmaster.
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Ontario

Ministry of the Environment

OCCURENCE REPORT

Location of Occurence: BURLINGTON CITY 2431 NEW STREET **Reg:** 3 **Dist:** HP **Municipality:** 14101		**Source:** NOT APPLICABLE **Sector:** OT **Source:** OT **SIC:** 0000 **UTM:** **N:** [] **E:** [] **Zone:** []	
Entered: 1992/04/04 :	**ORIS No.** 9230500946	**Abstracts:**	**Diaries:**
Received By: KIM LENDVAY		**Batch:** 10	**I. E. B. No.**
Occurence Type: O	**Subtype:** 99	**Occurence Date:**	1992/04/04
Work Plan:		**Occurence Time:**	:
Reported By: ROBERT YOUNG UNION GAS		**Report to MOE :** 1992/04/04 01:25 **MOE at Scene:** :	
Telephone No. 416-548-3465 x	**Alternate No.** - - x	**Assigned To:**	JOHN BARR
Address: HAMILTON **Postal Code:**		**ERP Contacted:** : **Callout:** [] **ERP Name:**	**NSP:** [N]

Syn: MCCR PERSON NOTIFIED - RE: FIRE AT RESTAURANT INBURLINGTON.

Brief Summary:
CALLER REPORTING A FIRE AT ESTERBROOK'S JUNK DOGS RESTAURANT AT 2431 NEW STREET IN BURLINGTON. THERE IS SOME DAMAGE TO THE RANGE & CALLER REQUESTS MCCR PERSON TO PHONE DAVE HINSHAW (SUP.VIS.)#548-3465 AT 08:00 & MAY NEED TO RESPOND. 07:50 PAGED MCCR - WALTER CHUDAK.
07:54 " " " " 07:57 INFORMED KEN TAYLOR (MCCR) OF INCIDENT - HE WILL LOOK AFTER.
08:12 BRIEFED WALTER CHUDAK WHO WILL PHONE KEN TAYLOR & DAVE HINSHAW.

If there are related reports, record Initial/master ORIS No. here >> 9203026

Followup Action: Abatement IEB Other
BF Date:
SUMMARY NOTED. NO ABATEMENT ACTION NECESSARY.

File Closed: X Abatement: IEB Other
Suspected Violation:

Report Prepared By:	**Date:**	**IEB Investigator:**	**IEB BF Date**
JOHN BARR	06/04/92		
Approving Officer	**Date:**	**Reviewing Officer:**	**Date**
BOB ADCOCK	07/04/92		

Specify number(s) for routing Original [ ] [ ] [ ] [ ] **Continued** [ ] Yes
Specify number(s) for copy distribution [ ] [ ] [ ] [ ] [ ] [ ]
1. Investigator/E.O. 2. D. O. /File 3. SAC (initial spills)
4. Reg. Dir. /_____ Mgr. 5. IEB Reg. Spv 6. IEB H.O./file 7. Other _____

SAC Action Class: 1:00 2:

Material 1:	**Code :**
Amount :	**UN No.:**
Material 2:	**Code :**
Amount :	**UN No.:**

Material 3: Amount :	Code : UN No.:
Cause. . . . . : Reason. . . . . :	Code. . : Code. . :
Person in Control: Owner . . . . . : Agencies Involved . . . . :	Waste GenNum : Waste GenNum :
Clean up and Restoration Carried out by: [v] Controller [v] Owner [N] Other % Cleaned up: Estimated Cost: Were Directions or Approval Given Under EPA Part X [v] Regulation 362 [v] Manifest No. Waste Class : Hauler : Disposal Site :	 Code . . : Code . . : Code . . :
Environmental Impact:	Nature of Impact: Code . . :
People/Business Damaged (Other than to Owner/Controller) : Nature of Damage:	 Code . . :

Appendix H: Aerial Photographs



exp Services Inc.
t: +1.905.573.4000 | f: +1.905.573.9693
80 Bancroft Street
Hamilton, ON L8E 2W5
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

Approximate Site Boundary

0 30 60 90 120 150 m

TITLE AND LOCATION:

1934 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
2421 & 2431 New Street
Burlington, Ontario

PROJECT No.: HAM-00801287-A0	DWN: AC
SCALE: AS NOTED	CHKD: EE
DATE: OCTOBER 2017	FIG. No.: H1



exp Services Inc.
t: +1.905.573.4000 | f: +1.905.573.9693
80 Bancroft Street
Hamilton, ON L8E 2W5
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

Approximate Site Boundary

0 50 100 150 200 250 m

TITLE AND LOCATION:

1954 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
2421 & 2431 New Street
Burlington, Ontario

PROJECT No.: HAM-00801287-A0	DWN: AC
SCALE: AS NOTED	CHKD: EE
DATE: OCTOBER 2017	FIG. No.: H2



exp Services Inc.
t: +1.905.573.4000 | f: +1.905.573.9693
80 Bancroft Street
Hamilton, ON L8E 2W5
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

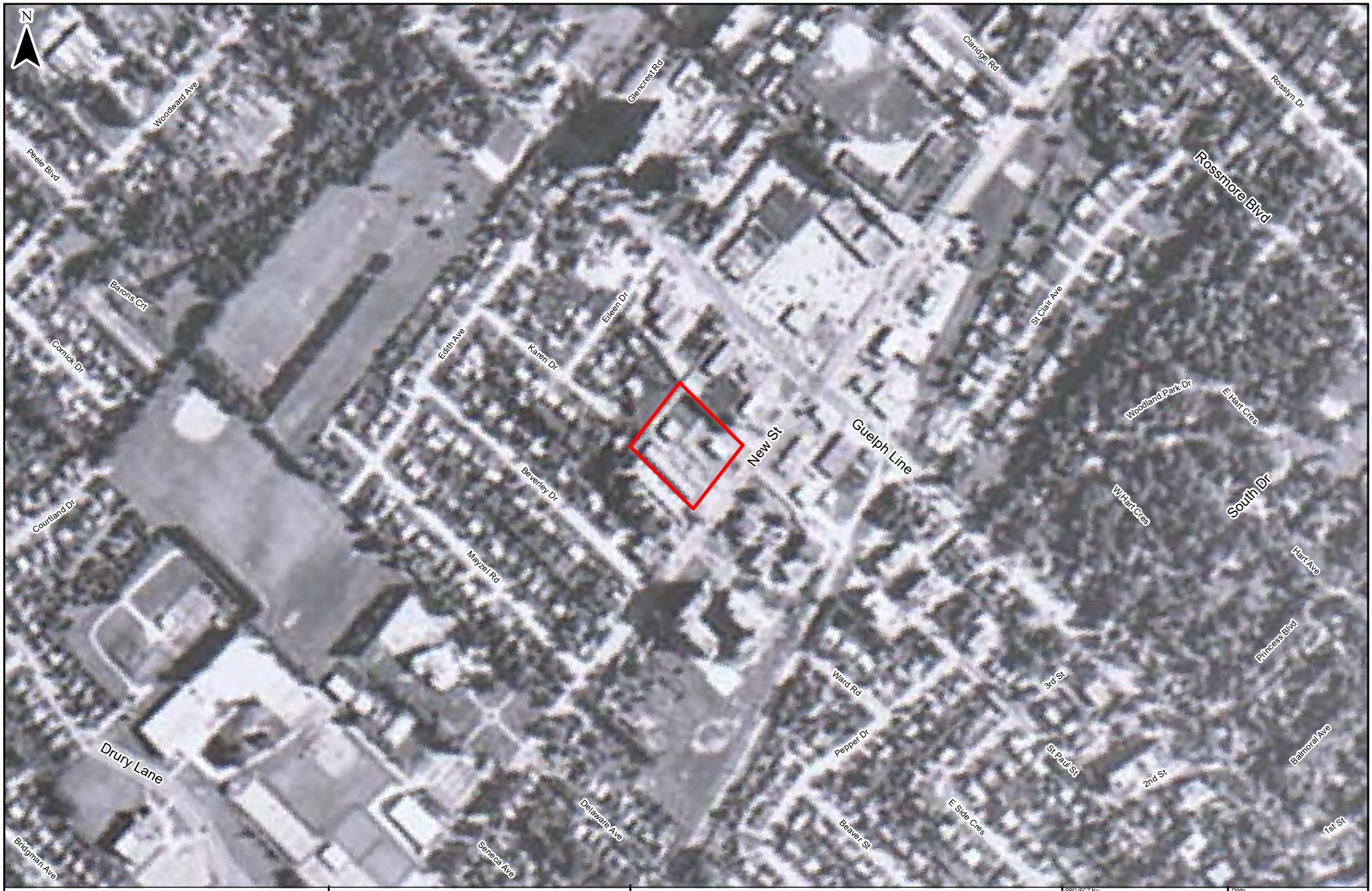
Approximate Site Boundary

0 50 100 150 200 250 m

TITLE AND LOCATION:

1961 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
2421 & 2431 New Street
Burlington, Ontario

PROJECT No.: HAM-00801287-A0	DWN: AC
SCALE: AS NOTED	CHKD: EE
DATE: OCTOBER 2017	FIG. No.: H3



exp Services Inc.
t: +1.905.573.4000 | f: +1.905.573.9693
80 Bancroft Street
Hamilton, ON L8E 2W5
Canada
www.exp.com

• BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

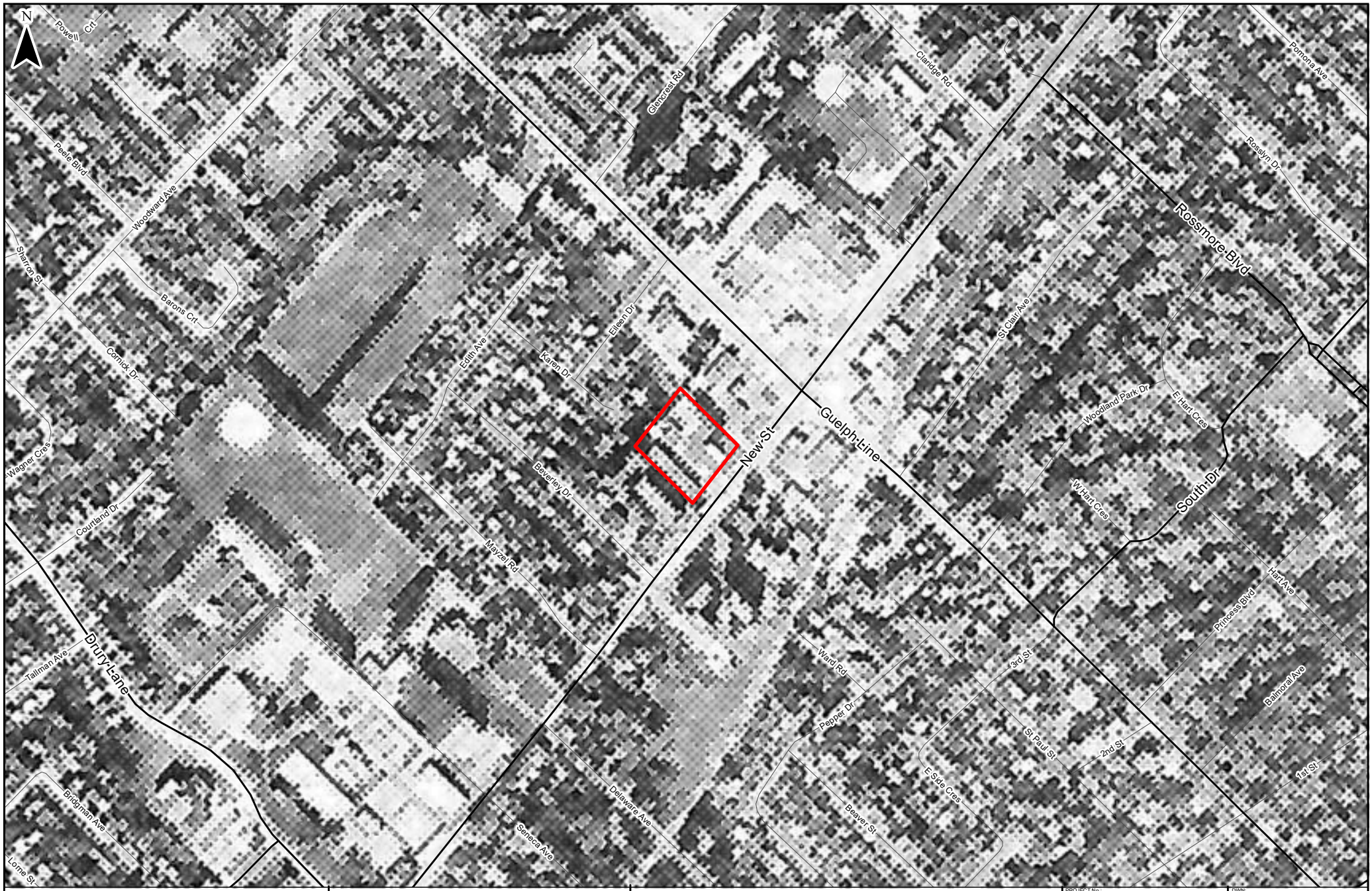
Approximate Site Boundary

0 50 100 150 200 250 m

TITLE AND LOCATION:

1972 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
2421 & 2431 New Street
Burlington, Ontario

PROJECT No.: HAM-00801287-A0	DWN: AC
SCALE: AS NOTED	CHKD: EE
DATE: OCTOBER 2017	FIG. No.: H4



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Approximate Site Boundary

0 50 100 150 200 250 m

TITLE AND LOCATION:

1982 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
2421 & 2431 New Street
Burlington, Ontario

PROJECT No.:	DWN:
HAM-00801287-A0	AC
SCALE: AS NOTED	CHKD: EE
DATE: OCTOBER 2017	FIG. No.: H5



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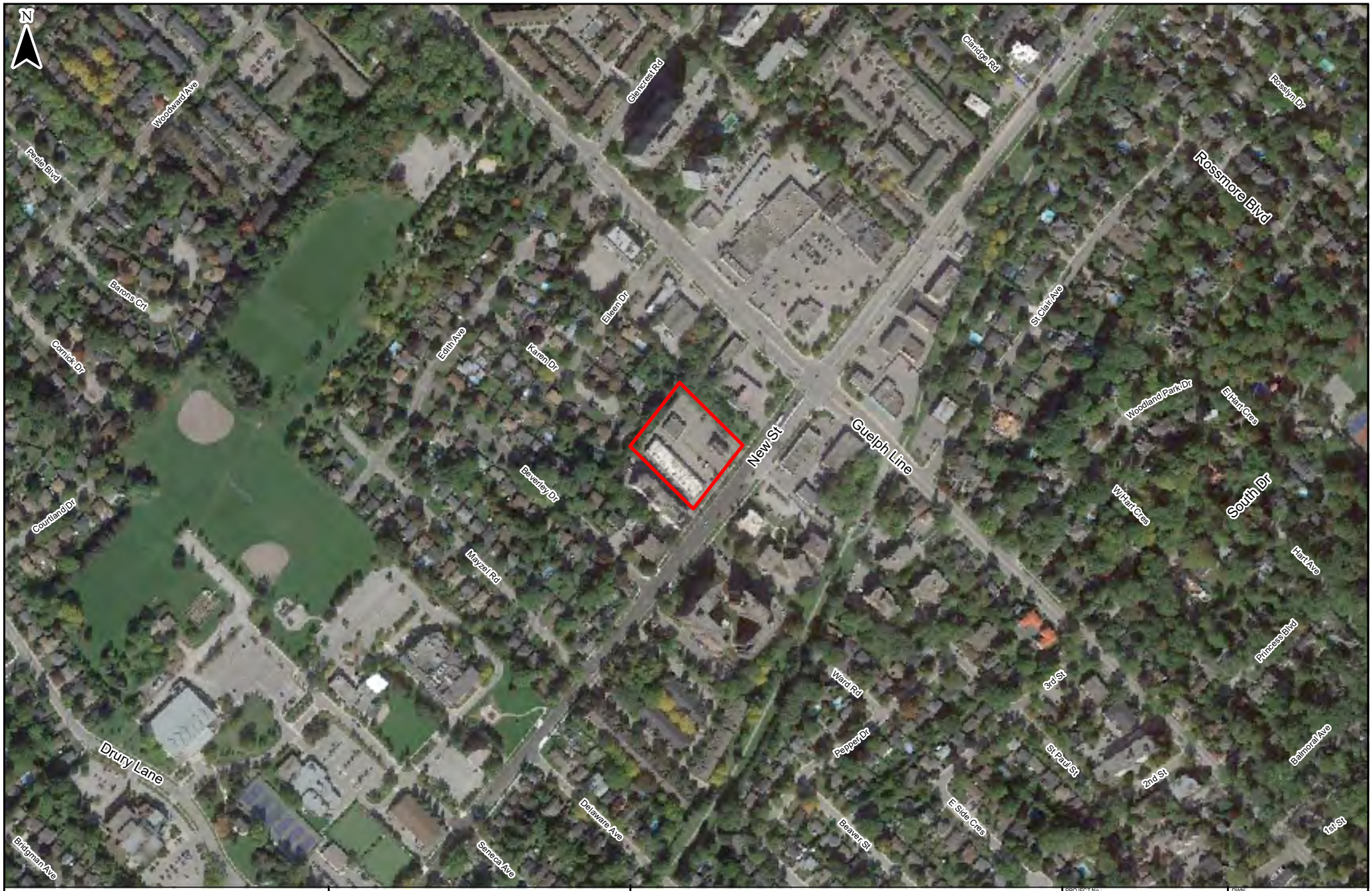
Approximate Site Boundary

0 50 100 150 200 250 m

TITLE AND LOCATION:

2002 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
2421 & 2431 New Street
Burlington, Ontario

PROJECT No.:	DWN:
HAM-00801287-A0	AC
SCALE:	CHKD:
AS NOTED	EE
DATE:	FIG. No.:
OCTOBER 2017	H6



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Approximate Site Boundary

0 50 100 150 200 250 m

TITLE AND LOCATION:

2017 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
2421 & 2431 New Street
Burlington, Ontario

PROJECT No.: HAM-00801287-A0	DWN: AC
SCALE: AS NOTED	CHKD: EE
DATE: OCTOBER 2017	FIG. No.: H7

Appendix I: Site Photographs



Photo 1: View of the Site Building A (facing southeast).



Photo 2: View of Site building B, exterior storage container can be seen (facing west).



Photo 3: View of Site Building C (facing west).



Photo 4: General view of inside Site Building B (facing southwest).

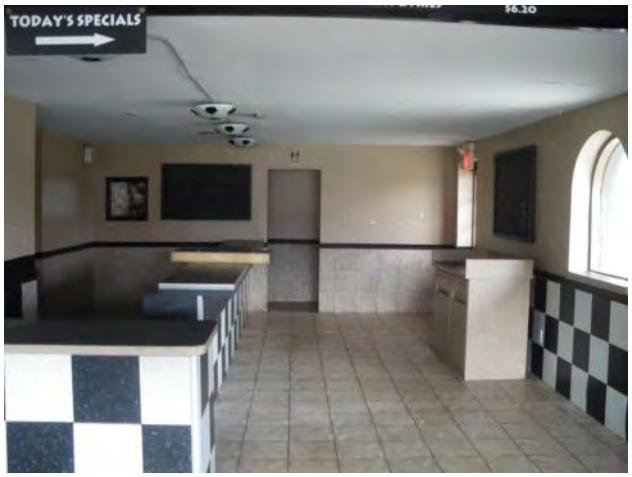


Photo 5: General view inside Site Building C (facing northwest).



Photo 6: Large AC unit outside of Site Building C (facing southeast).

exp. EXP Services Inc. 80 Bancroft Street Hamilton, Ontario L8E 2W5 T: 905-573-4000 F: 905-573-9693	**SITE PHOTOGRAPHS** PROJ. NO: HAM-00801287-A0	Phase One ESA 2421 and 2431 New Street, Burlington, Ontario	SCALE: NTS DRAWN: KP CHECKED: EE	FIGURE I1 Dec 2017

Appendix J:
Phase One Conceptual Site Model

Phase One ESA Conceptual Site Model- 2421 and 2431 New Street, Burlington, ON

This section presents the Phase One Conceptual Site Model (P1CSM), as it relates to the Site addressed as 2421 and 2431 New Street, in Burlington, Ontario providing a narrative and graphical description integrating information related to the areas of potential environmental concern/potential contaminating activities and the presence and distribution of potential contaminants of concern. The P1CSM was completed in accordance with Ontario Regulation 153/04, as amended (O.Reg.153/04), as defined by the Ontario Ministry of the Environment and Climate Change (MOECC).

1.1 Introduction

The Site is located on the north side of New Street in Burlington, Ontario (Figures 1 and 2). The Site measures approximately 0.7 hectares (1.7 acres) in area. The Site is currently occupied by a multi-unit retail commercial plaza including three (3) stand-alone buildings. The building situated along the western portion of the Site is a multi-unit single storey commercial building (Building A). Two (2) additional single storey standalone buildings are situated near the northern boundary (Building B) and at the southeast corner of the Site (Building C). Based on the historical review, the buildings were constructed in the early 1970s.

Refer to Table 1 for the Site identification information.

Table 1: Site Identification Information

Civic Address	2421 and 2431 New Street, Burlington, ON
Current Land Use	Commercial
Proposed Land Use	Residential
Legal Description	2421 New Street: Pt Lt 16, Con 3 SDS, Pt 1, 20R15030; Burlington 2431 New Street: Pt Lt 16, Con 3 South of Dundas Street, as in 643033; Burlington/Nelson Twp
Property Identification Number (PIN)	07068-0255 (LT), 07068-0208 (LT)
Assessment Roll Number (ARN)	240206061809900, 240206061810100
Universal Transverse Mercator (UTM) coordinates	Zone 17, 598341E 4799036N
Site Area	0.7 hectares (1.7 acres)
Property Owners	TRG (New-Guelph) Inc.

1.2 Background

A review of the historical records indicated that the Site was first developed for residential land use along the southern portion of the Site since at least 1934. The Site was converted to a multi-tenant commercial plaza in the early 1970s.

The areas surrounding the Site buildings consist of asphalt parking areas with a small landscaped area in front of Building C.

1.3 Geological and Hydrogeological Conditions

The Site is located in the physiographic region characterized by a Sand Plain. The surficial geology of the Site and surrounding areas are comprised of lacustrine and outwash sand. The bedrock in the general area was part of a group belonging to the Queenston Formation, consisting of shale, limestone, dolostone, and siltstone. Based on information from the previous Phase II ESA, shale was encountered at depths ranging between 4.9 to 5.5 m below ground surface.

Based on the information provided on the topographic map, regional groundwater is expected to flow to the south / southeast towards Lake Ontario.

Based on the review of available resources from the Ministry of Natural Resources and Forestry and MOECC, no areas of natural significance were identified within the Phase ON ESA study area.

1.4 Previous Investigations

A report titled “Phase I Environmental Site Assessment, 2411, 2421, 2433 New Street, Burlington, Ontario” was prepared by S2S Environmental Inc. (S2S), on January 31, 2017. A summary of the pertinent findings are as follows:

- The properties were occupied by one storey commercial buildings which were constructed in the early 1970s (2421 and 2433 New Street) and a six-storey residential building which was constructed in approximately 1965 (2411 New Street);
- Based on the information obtained from the Phase I ESA, the following items of actual or potential environmental concern were identified:
    - Exceedance of tetrachloroethylene in groundwater from existing monitoring well located in midportion of property addressed as 2421 New Street. The impacts were listed as being likely associated with former dry cleaning facility located northeast of the Site at 480 Guelph Line.
    - Former automotive service garages were listed at surrounding properties
        - Northeast of Site- 490 Guelph Line (late 1950s to present)
        - Southeast of Site- 2440 New Street (1971 FIP);
    - Registered waste generators on surrounding properties
        - 466 Guelph Line- listed as generator of halogenated solvents
    - Current and former retail fuel outlet on east adjacent property (458 Guelph Line, formerly 2439 New Street);
    - Vent and fill pipes observed on property located south of Site at 2418 New Street.

A report titled “Limited Phase II Environmental Site Assessment, 2411, 2421, 2433 New Street, Burlington, Ontario” was prepared by S2S Environmental Inc., on January 31, 2017. A summary of the pertinent findings are as follows:

- The scope of work included five (5) boreholes (BH1 to BH4 and BH2B) to completion depths of 4.6 and 6.5 m bgs. All boreholes were instrumented with monitoring wells. The boreholes / monitoring wells were completed at the properties addressed as 2421 and 2431 New Street.
- In addition, the two (2) existing nested monitoring wells (MW2421D and MW2421S) from Terraprobe’s hydrogeological investigation from August 2011, were used for water elevations and resampled.
- The general stratigraphy at the Site consisted of granular fill overlying fine sand to a maximum depth of 5.5 m bgs. Bedrock was encountered between 5.3 m bgs (BH2).

- Groundwater was encountered between 2.3 m bgs (BH3) and 2.8 m bgs (BH1). However, at the time of the report, the groundwater elevations had not been determined. It was assumed that groundwater flow was to the southeast towards Lake Ontario.
- For assessment purposes, the MOECC 2011 Table 3 SCS for Residential / Parkland / Institutional and coarse textured soils were selected.
- Soil samples were submitted for the analysis of VOCs, PHCs and / or metals and inorganics. The analytical results indicated an exceedance for tetrachloroethylene from BH2 (northeast corner of Site). The remaining parameters were below the MOECC Table 3 SCS.
- Groundwater samples collected from all newly installed monitoring wells and two existing monitoring wells were submitted for the analysis of select VOCs, PHCs including BTEX and / or select metals and inorganics. The analytical results indicated an exceedance for tetrachloroethylene from the groundwater samples collected from each newly installed and existing monitoring wells sampled. In addition, the concentration of trichloroethylene from BH2 and existing monitoring well MW2421D, chloroform from BH2B and cis-1,2-dichloroethyle and vinyl chloride from BH3 were above the MOECC 2011 Table 3 SCS.
- Based on the findings of the investigation, S2S indicated that “it is apparent that there may be wide-spread contamination of VOCs at the subject property and that the source of this contamination may be from an offsite activity”.
- “It is recommended that the extent of the contamination be determined and a remedial action plan be completed to address the subsurface contamination at the subject property”.

An FOI request was submitted to the City of Burlington for records pertaining to the Site. A search of the database indicated that Phase II ESA was completed by Soil-Mat Engineers and Consultants Ltd. for the Site (addressed as 2433 New Street) in 2009. The report was titled “Phase II Environmental Site Assessment, 2433 New Street, Burlington, Ontario” was prepared by Soil-Mat Engineers and Consultants Ltd. (Soil-Mat), on October 9, 2009. A summary of the pertinent findings are as follows:

- The scope of work included four (4) boreholes (BH1 to BH4) to maximum completion depth of 7.5 m bgs along the northern and eastern limits of the Site. Three (3) of the boreholes were instrumented with monitoring wells.
- For assessment purposes, the MOE 2004 Table 3 SCS for Industrial / Commercial / Community Property Use were selected.
- The general stratigraphy at the Site consisted of brown sand / silty sand to depths between 5.3 to 5.7 m bgs. The silty / sand was underlain by silty clay (weathered shale).
- The soil samples were submitted for the analysis of PHCs, VOCs and site decommissioning metal scan. The analytical results indicated that tetrachloroethene was in exceedance of the MOE 2004 Table 3 SCS at BH3 and BH4.
- The groundwater samples were submitted for the analysis of PHCs, VOCs and metals and inorganics. The following parameters were in exceedance of the MOE 2004 Table 3 SCS: Copper (MW1-S1A and MW2-S1A), vinyl chloride (MW1-S1B, MW2-S1B) and tetrachloroethene in MW1-S1B, MW2-S1B and MW3-S1B.
- Based on this information, “adverse environmental impact” from dry cleaning operations were evidenced from the high concentrations of tetrachloroethene. Detected concentrations of benzene, toluene, ethylbenzene and xylenes and petroleum hydrocarbons indicate adverse environmental impact typical of gasoline service station situated east adjacent of the Site.
- The extent of PHC and VOC impact at the Site has not been delineated. Further delineation work is recommended to determine the extents. In addition, a Phase I ESA may be beneficial to determine if the former historical operations on-Site may have contributed to impacts.

1.5 Underground Utilities

Potable water is provided to the Site building through the municipal water distribution system and sanitary wastewater is discharged to the municipal sewer system. Electrical services to Site building by local Hydro via pole mounted transformers along New Street.

The natural gas line enters the south portion of the Site from New Street.

Given that underground utilities are located on the Site, there is the potential for the distribution and transport of contaminants via the underground utilities.

1.6 Potentially Contaminating Activities and Areas of Potential Environmental Concern:

Refer to Table 2 and Figure 2A for the list of potentially contaminating activities (PCAs) that have occurred within the Phase One Study Area, which includes the Site and properties within 250 m radius of the Site boundaries.

Table 2: Potentially Contaminating Activities

PCA Identifier	Address	Location of Activity (in relation to Site)[1]	Potentially Contaminating Activity (PCA)[2]	Approximate timeline that PCA occurred	Contributes to APEC (Yes or No)?
1	480 Guelph Line	Off-Site (approx. 45 m north)	37- Operation of Dry Cleaning Equipment (where chemicals are used)	A review of the city directories indicated that the property was occupied by Parker's Cleaners from 1957 to 2011. According to the EcologERIS report, Parker's Cleaners was listed as a registered waste generator of halogenated solvents from 1986 to June 2017.	Yes, given the nature of operations and potential up-gradient location
2A/B	2439 New Street / 448 Guelph Line (south portion of current 458 Guelph Line) (East adjacent property)	Off-Site	28- Gasoline and Associate Products Storage in Fixed Tank 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	According to the 1971 FIP, the property was occupied by an auto service building with a UST. The city directories indicated that 448 Guelph Line was occupied by Kirby J.W. service station between 1957 and 1961.	Yes (Given close proximity of PCA)
3A-C	458 Guelph Line (East adjacent property)	Off-Site	28- Gasoline and Associate Products Storage in Fixed Tank 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles Not listed- Spill incident (PCA-3C)	According to the 1971 FIP, the property was occupied by an auto service building with a UST. The city directories have the property listed as being occupied by BP Service / Petro Canada from 1957 to 2011. The EcologERIS report indicated that the property was registered for five (5) gasoline single wall USTs installed in 1985 and removed. The property was also registered for three (3) 50,000 L active gasoline double wall USTs installed in 2002. Based on information provided in the previous Phase I ESA completed in January 2017, the TSSA report for the Site indicated that a subsurface investigation was completed at the property prior to installation of new USTs. Free phase petroleum product was also identified in one borehole where TPH and BTEX were above the SCS at that time in the soil samples submitted and xylene was above the SCS at one monitoring well location. A spill incident is listed for the property on October 30, 2001 for Petro-Canada where gasoline is noted in the borehole, "investigating further".	Yes (Given close proximity of PCA)

PCA Identifier	Address	Location of Activity (in relation to Site)[1]	Potentially Contaminating Activity (PCA)[2]	Approximate timeline that PCA occurred	Contributes to APEC (Yes or No)?
4A/B	457 Guelph Line	Off-Site (approx. 105 m northeast / east of Site)	28- Gasoline and Associate Products Storage in Fixed Tank 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	According to the 1971 FIP, the property was occupied by an auto service building with a UST. The city directories indicated that the property was occupied by Esso Service from 1957 to 1986. The EcologERIS report has the tenant, Esso Petroleum Canada, listed as a gasoline service station and a generator of other specific inorganics from 1992 to 1998. The city directories indicated that the property was occupied by Sand's Auto & Services in 1991.	No, due to distance from Site and trans-gradient location from Site
5	451 Guelph Line	Off-Site (approx. 230 m northeast / east)	37- Operation of Dry Cleaning Equipment (where chemicals are used)	The city directories indicated that the former tenants (451 Guelph Line) included Star Cleaner from 1957 to 1996 and Roseland Cleaners from 2001 to 2006. According to the 1971 FIP, the property was occupied by a commercial plaza (Roseland Plaza) and occupied by various tenants including "cleaners".	No, due to distance from Site and trans-gradient location from Site
6A/B	433 Guelph Line	Off-Site (approx. 125 m southeast of Site)	28- Gasoline and Associate Products Storage in Fixed Tank 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	According to the 1971 FIP, the property was occupied by an auto service building with a UST. The city directories have the property listed as a service station / BP auto service from 1957 to 1971.	No, due to distance from Site and down-gradient location from Site
7	490 Guelph Line	Off-Site (approx. 65 m northeast)	27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	A review of the city directories indicated that the property was occupied by Goodyear Certified Auto Service from 1966 to 2011 and Armour Tire and Auto Service Ltd. In 2011. The property is currently occupied by Beverly Auto and Tire.	Yes, given the nature of operations and potential up-gradient location
8	2440 New Street / 2432 New Street	Off-Site (approx. 75 m southeast)	27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	A review of the city directories indicated that the property was occupied by various automotive establishments from 1966 to 2011including Canadian Tire Service Garage from 1966 to 1971, Burlington Transmission, and Gerrick Tire Service Ltd. A review of the 1971 FIP indicated that the property was occupied by Canadian Tire Corp with a building at the rear of the property listed as "auto reps".	No, due to the down-gradient location from Site
9A	2421 and 2431 New Street	On-Site	Not listed- Exceedances for cVOCs in soil and groundwater	A review of the previous environmental reports indicated an exceedance for various cVOCs (tetrachloroethylene in soil and tetrachloroethylene, trichloroethylene, chloroform and vinyl chloride) in groundwater. An exceedance of the SCS was noted for PHC fraction F1 in one monitoring well.	Yes (PCA located on-Site)

PCA Identifier	Address	Location of Activity (in relation to Site)[1]	Potentially Contaminating Activity (PCA)[2]	Approximate timeline that PCA occurred	Contributes to APEC (Yes or No)?
9B	2431 New Street	On-Site	Not listed- Exceedance of for PHCs in groundwater	A review of the previous environmental reports indicated an exceedance for PHC fraction F1 in one monitoring well.	Yes (PCA located on-Site)
10	466 Guelph Line	Off-Site (East adjacent)	Not listed – Generator of hazardous wastes	According to the EcologERIS report, DRSSL Limited was listed as a registered waste generator of halogenated solvents in 2016 to June 2017. The tenant is listed as a lessor of non-residential and residential buildings.	Yes, given the potential up-gradient location
11	2434 New Street	Off-Site (approx. 35 m east)	54- Textile Manufacturing and Processing	According to the EcologERIS report, DRT Products Inc. is listed in Scott's Directory as "all other textile product mills, commercial screen printing, etc."	No, due to the down-gradient location from Site
12	2442 New Street	Off-Site (approx. 65 m east)	Not listed- Former printing establishment	According to the EcologERIS report, Print Three, is listed in the Scott's Manufacturing Directory, as commercial printing, lithographic; commercial printing, not elsewhere classified. The city directories indicate that Print Three was listed as a tenant from 1991 to 1996.	No, due to the down-gradient location from Site
13	3009 New Street	Off-Site (approx. 115 m north)	Not listed – Generator of hazardous wastes	According to the EcologERIS report, Dr. David Robertson, tenant of Roseland Plaza, was listed as a registered waste generator of halogenated solvents in 2016.	No, due to distance from Site and trans-gradient location from Site
14	417 Guelph Line	Off-Site (approx. 130 m southeast of Site)	39- Paints Manufacturing, Processing and Bulk Storage	A review of the city directories indicated that the property was occupied by Tone Craft Paints Ltd. In 1966.	No, due to distance from Site and down-gradient location from Site
15	415 Guelph Line	Off-Site (approx. 130 m southeast of Site)	37- Operation of Dry Cleaning Equipment (where chemicals are used)	A review of the city directories indicated that the property is occupied by City Laundry and Dry Cleaners from 1957 to 1961.	No, due to distance from Site and down-gradient location from Site
16	409 Guelph line	Off-Site (approx. 165 m southeast of Site)	Not listed- Former printing establishment	A review of the city directories indicated that the property was occupied by St. Clair Place Plaza whose tenants included Print Three from 2001 to 2011.	No, due to the down-gradient location from Site
17	No address	Off-Site (approx. 175 m south/southeast)	40- Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Application	A review of the 1934 aerial photograph indicated that a small orchards may have been present on properties south of the Site, beyond New Street.	No, due to the down-gradient location from Site
18	3040 New Street	Off-Site (approx. 230 m east of Site)	PCA #37- Operation of Dry Cleaning Equipment (where chemicals are used).	During the Site visit, a unit at address 3040 New Street was occupied by Parkers of Burlington Fire Dry Cleaners & Launderers. This is the new location of the Dry Cleaners, the old location being at 480-482 Guelph Line.	No, due to distance from Site and trans-gradient location from Site

PCA Identifier	Address	Location of Activity (in relation to Site)(1)	Potentially Contaminating Activity (PCA)(2)	Approximate timeline that PCA occurred	Contributes to APEC (Yes or No)?
19	3030 New Street	Off-Site (approx. 200 m northeast of Site)	27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles systems.	During the Site visit, 3030 New Street was occupied by Midas Auto Service Experts, an auto service garage.	No, due to distance from Site and trans-gradient location from Site
20	2421 and 2431 New Street	On-Site	Not listed- use of salt for de-icing purposes	The areas surrounding the Site buildings include asphalt parking areas. As such, there is the potential for use of salt for de-icing purposes in the winter months.	Yes (PCA located on-Site)

(1) Distances are approximate. Precise distances are not possible due to the age of some listings and the aggregation and/or loss of addresses.

(2) Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D (O.Reg 153/04, as amended) that is occurring or has occurred in a phase one Study area.

1.7 Areas of Potential Environmental Concern

Based on the evaluation of the PCAs located within the Phase One Study Area, the following areas of potential environmental concern (APECs) were identified, as presented in Table 3 and Figure 4.

Table 3: Areas of Potential Environmental Concern

Area of Potential Environmental Concern (APEC)(1)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)(2)	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern(3)	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1A: Exceedances of cVOCs in soil and groundwater	Entire Site	Not listed- Exceedances for cVOCs in soil and groundwater	On-Site	VOCs	Soil and Groundwater
APEC 1B: Use of salt for de-icing purposes	Entire Site	Not listed- use of salt for de-icing purposes	On-Site	Electrical Conductivity, Sodium Adsorption Ratio (soil), Sodium and Chloride (groundwater)	Soil and Groundwater

Area of Potential Environmental Concern (APEC)[1]	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)[2]	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 2A: Exceedances of PHC in groundwater	Near northeast property boundary	Not listed- Exceedances for PHC groundwater	On-Site	PHCs including BTEX	Groundwater
APEC 2B: Former auto service station with UST on property east of Site (2439 New Street / 448 Guelph Line, now 458 Guelph Line)	Near northeast property boundary	28- Gasoline and Associate Products Storage in Fixed Tank 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	PHCs including BTEX	Groundwater
APEC 2C: Former/current service station with UST and spill incident east of Site (458 Guelph Line)	Near northeast property boundary	28- Gasoline and Associate Products Storage in Fixed Tank 27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles Not listed- Spill incident	Off-Site	PHCs including BTEX	Groundwater
APEC 2D: Former/current service station northeast of Site (458 Guelph Line)	Near northeast property boundary	27- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	PHCs including BTEX	Groundwater
APEC 3A: Former dry cleaner northeast of Site (480 Guelph Line)	Near northeast property boundary	37- Operation of Dry Cleaning Equipment (where chemicals are used)	Off-Site	VOCs	Groundwater

Area of Potential Environmental Concern (APEC)[1]	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)[2]	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 3B: Generator of halogenated solvents (466 Guelph Line)	Near northeast property boundary	Not listed – Generator of hazardous wastes	Off-Site	VOCs	Groundwater

(1) Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D (O.Reg.153/04, as amended) that is occurring or has occurred in a phase one Study area.

Based on the findings of the Phase One ESA and conclusions, a Phase Two ESA is required to assess the soil and groundwater conditions at the Site prior to submitting a RSC.