

PHASE I ENVIRONMENTAL SITE ASSESSMENT
FINAL

4063 Upper Middle Road,
Burlington, Ontario

Prepared for:

Reid Heritage Homes
6738 Wellington Rd 34,
RR 22, Cambridge, Ontario
N3C 2V4

PREMIER
ENVIRONMENTAL SERVICES INC

244 Montrose Street North, Unit 1 Upper Cambridge, Ontario, N3H 2H7

October 2, 2014

Project No. 614078.CE

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1.0 EXECUTIVE SUMMARY

Premier Environmental Services Inc. (Premier) was retained by Reid Heritage Homes (Reid) to conduct a Phase I Environmental Site Assessment (ESA) Update for the property located at 4063 Upper Middle Road, in Burlington, Ontario (subject property). The purpose of the Phase I ESA is to determine if evidence of actual and/or potential contamination exists at, or adjacent to, the subject property. It is Premier's understanding that Reid recently purchased the subject property and the Phase I ESA Update is required to support the re-development of the property for multi-unit residential purposes. A Phase I ESA was last completed in October 2013; however this required updating to reflect current conditions given that the residence and shed located at the subject property were recently demolished.

Upon review of site observations, interviews, historical research and a review of environment source information, no areas of potential environmental concern have been identified in connection with the subject property.

2.0 INTRODUCTION

Premier Environmental Services Inc. (Premier) was retained by Reid Heritage Homes (Reid) to conduct a Phase I Environmental Site Assessment (ESA) Update for the property located at 4063 Upper Middle Road, in Burlington, Ontario (subject property). The purpose of the Phase I ESA Update is to determine if evidence of actual and/or potential contamination exists at, or adjacent to, the subject property.

It is Premier's understanding that Reid recently purchased the subject property and the Phase I ESA Update is required to support the re-development of the property for multi-unit residential purposes. A Phase I ESA was last completed in October 2013; however this required updating to reflect current conditions given that the residence and shed located at the subject property were recently demolished.

2.1 PHASE ONE PROPERTY INFORMATION

The subject property is an irregular shaped parcel of land of approximately 1.4 ha (3.5 acres) located on the north side of Upper Middle Road, south of Millcroft Park Drive, east of Walker's Line and west of William O'Connell Boulevard (see Figure A1 – Site Location Map, located in Appendix A for details).

The subject property (property identification number 07228-0147) is legally described as Part of Lot 10, Concession 1, South of Dundas Street in the Geographic Township of Nelson/Burlington Township (See Figure A2 – Legal Survey, located in Appendix A and/or Land Title located in Appendix C for details).

The subject property and surrounding lands are regionally designated as *Urban Area* (Region of Halton Official Plan, 2006). The subject property is currently designated as *High Density Residential* and *Watercourse* in the City of Burlington Official Plan, (2008 and updated in 2012). The property is currently zoned as *Development* (D) under the City of Burlington's Zoning By-law 2020. It is Premier's understanding Reid is applying for a change in land use designation to *Increased Density* as well as a zoning by-law amendment with the City of Burlington in order to enable the proposed condominium development project to carry forward.

The retainer and property owner contact information are outlined below:

Property Owner Contact Information:

Reid Heritage Homes
6783 Wellington Road 34
R 22, Cambridge, Ontario
N3C 2V4

3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I ESA Update was developed in general accordance with the Canadian Standards Association (CAN/CSA) Standard Z768-01 in order to reflect the current features on-Site post building demolition, and includes:

i) Obtaining and reviewing previous environmental and/or geotechnical reports (if available);

ii) Reviewing available historic records of the subject and surrounding properties including:

- Site plan drawings showing attached parcels and neighbouring properties;
- Review of aerial photographs;
- Fire insurance plans (if coverage is available);
- 2013 EcoLog ERIS report that includes database information on the site and surrounding lands. This environmental source information includes a review of over 60 databases;
- Chain of Title;
- City directories;
- Natural Resources Canada – topographic maps; and
- Applicable soils or geological maps.

iii) Interviewing current/previous owners, tenants, neighbours, etc.;

iv) Conducting a site reconnaissance comprised of:

- Contacting the site occupant to arrange a site visit;
- Inspecting the site and visually inspecting the adjacent properties;
- Identifying visual and suspected areas of surface and subsurface contamination;
- Identifying probable cut and fill operations that may have required that fill of unknown quality be deposited on the subject property;
- Identifying neighbouring land uses (i.e. sensitive neighbours, as well as potential off-site contamination which may impact the subject property);

- Identifying possible asbestos and other hazardous materials in the building structures or deposited on the land; and
- Identifying potential PCB-containing electrical capacitors and transformers on or adjacent to the subject property.

v) Contacting the Ministry of the Environment (Freedom of Information office) and Municipal Officials (works or engineering department) to determine whether there are any environmental issues in the area that could affect the environmental integrity of the subject property (i.e. landfills with methane gas problems, spills, etc.);

vi) Contacting the Technical Standards and Safety Authority (TSSA) Fuel Safety Division (FSD) regarding records of fuel storage on-site and on adjacent properties; and

vii) Preparation of report including all relevant documentation, and detailing findings and recommendations.

4.0 RECORDS REVIEW

4.1 GENERAL

4.1.1 PHASE ONE STUDY AREA

The Phase One Study Area for the subject property encompasses lands within a 250 m radius of the subject property's boundary limits. Premier found limited evidence of other properties immediately outside of this 250 m radius (e.g. landfills, resource extraction activities, foundries, etc.) which would constitute a potential environmental concern to the subject property.

4.1.2 FIRST DEVELOPED USE DETERMINATION

Upon review of historical aerial photographs, City Directory searches and the Land Title information obtained, the subject property was determined to have been first developed at some time prior to 1954. This has been determined through aerial photography which indicates that a rural residence surrounded by forested land was present on the subject property in this year. There is no evidence to indicate that the property was utilized for any other purpose prior to 1954, and the developed use of the property did not change until the spring of 2014 when the residence (circa 1950's) was demolished.

4.1.3 FIRE INSURANCE PLANS (FIPS)

As part of the 2013 Phase I ESA, Premier reviewed the Fire Insurance Plan records available at the Burlington Central Public Library and the Map Library at McMaster University. There are no records of Fire Insurance Plans (FIPs) available for the subject property; development at this location occurred outside the area of FIP coverage during the time of their production.

4.1.4 CITY DIRECTORY SEARCH IRE INSURANCE PLANS

As part of the 2013 Phase I ESA, Premier reviewed the Vernon's City Directories (Hamilton Suburban; covering Burlington, Ancaster, Waterdown, Dundas and Stoney Creek) records available at the Burlington Central Public Library, spanning the years between 1958 and 2012. The following table summarizes the pertinent information:

Table 1 – Results of City Directory Search

Year	Subject Property	Surrounding Properties
1959	Not listed	No listings within the Phase I Study Area
1961	Not listed	No listings within the Phase I Study Area
1962	Not listed	No listings within the Phase I Study Area
1964	Not listed	No listings within the Phase I Study Area
1965	Not listed	No listings within the Phase I Study Area
1966	Not listed	No listings within the Phase I Study Area
1967	Cook, Richard. W.	#4021 – Trait, WM R #4107 – Rusk, AG
1970	Cook, Richard. W.	#4021 – Burk, M, MRS #4107 – Rusk, AG #4110 and 4112 - Blanshard
1978	Cook, Richard. W.	#4021 – Askey, D #4107 – Yong, F. #4110 – Blanshard, W. #4112 – Blanshard, C.
1983	Cook, Richard. W.	#4021 – Askey, D #4107 – Yong, F. #4110 and 4112 - Blanshard

Table 1 – Results of City Directory Search

Year	Subject Property	Surrounding Properties
1986	Cook, Richard. W.	#4021 – Askey, D #4107 – Yong, F. #4110 – Currie, M. #4112 – Blanshard, C. #2055 – Brant Manor Apartments CNR Tracks
1989	Not Listed	#4021 – Askey, D #4107 – Yong, F. #4110 – Currie, M. #4112 – Mills, J.
1993	Not Listed	#4021 – Adults Only Video; Burlington Dry Cleaners, Upper Middle Shell, Mac's Convenience #4110 – Hordyk P. Landscaping #4119 – Burlington Siding #4187 – Jane's Gerry Aluminum Products
1996	Not Listed	#4021 – Adults Only Video; Burlington Dry Cleaners, Upper Middle Shell, Mac's Convenience #4110 – Hordyk P. Landscaping #4119 – Burlington Siding #4187 – Jane's Gerry Aluminum Products
2000	Not Listed	#4021 – Adults Only Video; Burlington Dry Cleaners, Upper Middle Shell, Mac's Convenience #4119 – Millrose Pharmacy #4110-4112 – No return
2004	Not Listed	#4021 – Adults Only Video; Burlington Dry Cleaners, Upper Middle Shell, Mac's Convenience #4045 – Condominiums #4100 – Medisystem Technologies #4107 – Community Midwives of Halton #4110-4112 – No return

Table 1 – Results of City Directory Search

Year	Subject Property	Surrounding Properties
2006	FGI	#4021 – Adults Only Video; Burlington Dry Cleaners, Upper Middle Shell, Mac's Convenience #4045 – Condominiums #4100 – Medisystem Technologies; Tansley Woods #4110-4112 – No return
2008	FGI	#4021 – Love Fun; Burlington Dry Cleaners, Upper Middle Shell, Mac's Convenience; Tip & Toe #4045 – Condominiums #4100 – Medisystem Technologies; Tansley Woods #4110-4112 – No return
2010	FGI	#4021 – Love Fun; Mac's Convenience; Tip & Toe #4045 – Condominiums #4100 – Medisystem Technologies; Tansley Woods #4110-4112 – No return
2012	FGI	#4021 – Love Fun; Mac's Convenience; Tip & Toe #4020 – First Ontario #4045 – Condominiums #4100 – Medisystem Technologies; Tansley Woods #4110-4112 – No return #4115 – Apartment Complex

Upon review of the results of the City Directory search, the subject property was first listed with the current municipal address in 1967. It is suspected that a street re-numbering occurred during that time and former street numbering is unknown. According the City Directories reviewed, the subject property has only had two listed occupants: Richard W. Cooke from at least 1967 until 1986 and FGI Community Living (group home) from 2006 to 2012. The names of the occupants between 1986 and 2006 are not listed; however the Cooke family owned the property during this time.

The properties surrounding the subject property gradually developed with scattered residential properties between 1967 and the early 1990s. Higher density residential developments and light commercial developments became established in the area post 1993.

Between 1993 and 2008, the Burlington Dry Cleaners occupied the commercial plaza at 4021 Upper Middle Road. Based on the age of this occupancy, and local knowledge, this cleaner was a depot only, and is therefore not considered to be a potentially contaminating activity (PCA).

One PCA was however noted within the Phase I Study Area based on the directory review; *Upper Middle Shell* was listed at 4021 Upper Middle Road between 1993 and 2008. This property is located approximately 110 meters south-west, and in the inferred hydraulic cross-gradient direction, of the subject property. This PCA is further discussed in Section 7.0 – Review and Evaluation of Information.

No other listings reviewed were noted to have implications of the subject property in an environmental context.

4.1.5 CHAIN OF TITLE

As provided by the Land Registry Office #20, the following relevant transactions and titles were associated with the subject property (see Land Title located in Appendix C for details):

- 2003: The subject property was purchased by the current owners from Mr. Richard William Cooke and Mrs. Ruthanne Souter Cooke; and
- A full chain of title search was not completed as this information is not expected to contribute to obtaining additional information about the environmental condition of the Phase I property.

4.1.6 ENVIRONMENTAL REPORTS

Premier reviewed the following previous environmental report regarding the subject property:

- *Phase I Environmental Site Assessment Draft Report, 4063 Upper Middle Road, Burlington, Ontario. Prepared by Premier Environmental Services dated October 8, 2013.*

Premier completed the 2013 Phase I ESA at the subject property on behalf of Springfield Construction Ltd. in order to support a similar development application with the City of Burlington. The report found that upon review of site observations, interviews, historical research and a review of environment source information, no areas of potential environmental concern were identified in connection with the subject property.

Information gathered from the review of the previous environmental report was incorporated into the appropriate sections of this report.

4.2 ENVIRONMENTAL SOURCE INFORMATION

4.2.1 WASTE DISPOSAL SITE INVENTORY

As part of the 2013 Phase I ESA, Premier searched the MOE Waste Disposal Site Inventory for records of active and/or closed landfills in the vicinity of the subject property. The database indicates that the nearest landfill (Site No. A210103, status: inactive) is located approximately 3.3 km east and cross-gradient from the subject property. Given the distance and cross-gradient direction of the closed landfill, and distance from other active or closed landfills in the City of Burlington, an environmental impact associated with present or historical waste disposal sites to the subject property is not anticipated.

4.2.2 COAL GASIFICATION PLANT WASTE SITES

As part of the 2013 Phase I ESA, Premier searched the MOE "Inventory of Coal Gasification Plant Waste Sites in Ontario," which provides an inventory and preliminary assessment of potential environmental impacts of manufactured gas plant waste sites. The search revealed that there were no listings for the City of Burlington in the inventory.

4.2.3 COAL TAR INVENTORY

As part of the 2013 Phase I ESA, Premier searched the MOE "Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario," which describes preliminary environmental impact assessments of industrial sites presently or formerly associated with coal tar and related tars. The sites are categorized into several industries; coal tar distillation plants, creosoting plants, roofing felt and tarred paper product manufacturers, by-product charcoal and coke oven plants of the iron and steel industry, industrial manufactured gas plants, and wood distillation plants.

The search revealed that there were no listings under any of the respective categories for the City of Burlington in the inventory.

4.2.4 TECHNICAL STANDARDS AND SAFETY AUTHORITY (TSSA)

Premier requested that the TSSA Fuel Safety division perform a search of the subject property and surrounding properties for historical records of aboveground or underground storage tanks from commercial or private fuel outlets. The TSSA responded stating that they did not discover any fuel storage tank records in their database pertaining to this area (see Appendix D - Records of Correspondence for details).

4.2.5 MINISTRY OF THE ENVIRONMENT FREEDOM OF INFORMATION OFFICE

Premier contacted the MOE Freedom of Information Office via fax on September 25, 2014 for documents in relation to environmental conditions at the subject property. A response was received on October 15, 2014 indicating that no records were identified for the subject property. A copy of this correspondence is provided in Appendix D.

4.2.6 MOE BROWNFIELDS REGISTRY

Premier accessed the online MOE Brownfield's Registry and conducted a search for the subject property and adjacent properties. No listings or RSCs were found in relation to the subject property. In 2010 a RSC was filed with the Ministry for the gasoline service station property located at 4021 Upper Middle Road; approximately 110 meters south-west of the site. The RSC stated that no off-site environmental impact was encountered, and provided an outline of the remedial program conducted at that property.

4.2.7 ECOLOG ERIS DATABASE SEARCH REPORT

As part of the 2013 Phase I ESA, Premier contacted EcoLog ERIS to conduct a search of selected federal, provincial, and private source environmental databases. At Premier's request, EcoLog ERIS conducted a search of 60 databases within a 0.25 kilometer radius of the subject property's boundaries.

Thirty-three (33) records were found for properties within the 0.25 km radius. These records include findings in the following 11 databases:

- Certificates of Approval;
- ERIS Historical Searches;
- List of TSSA Expired Facilities;
- TSSA Historical Incidents;
- TSSA Pipeline Incidents;
- Private and Retail Fuel Storage Tanks;
- Record of Site Condition;
- Retail Fuel Storage Tanks;
- Scott's Manufacturing Directory;
- Ontario Spills; and
- Water Well Information System.

Significant findings from the review of the EcoLog ERIS report are summarized as follows:

- No records associated with the subject property were discovered.
- A retail fuel servicing station was historically located at 4021 Upper Middle Road; approximately 110 meters south-west, and in the inferred hydraulic cross-gradient direction to the subject property. Records associated with this property pertained to the retail fuel storage tanks, a minor historical gasoline spill (approximately 25 L; private car) which occurred at this property in 1998, and a Record of Site Condition (RSC) which was filed in 2010 using Table 2 Site Condition Standards (SCSs) for commercial property use (medium-fine grained soils).
- Enseicom Inc. is a manufacturer and retailer of commercial signs and billboards which was historically located at 2039 Walker's Line (established in 1982, closing date unknown); approximately 200 m south-west of the subject property. Enseicom Inc. was listed under Scott's Manufacturing Directory for the manufacturing of various items associated with signage production including: plastics, prefabricated metal building, and component manufacturing. Given the distance from the subject property, and the inferred hydraulically cross-gradient location of this historical business in relation to the subject property, an environmental impact in connection with the subject property is not anticipated.
- All additional database records identified by Ecolog ERIS were reviewed and based on distance and/or subject matter (e.g. water wells, historical ERIS searches, certificates of approval for air or municipal wastewater, etc.), these records were not found to represent area of potential environmental concern (APEC) associated with the subject property.

4.3 PHYSICAL SETTING SOURCES

4.3.1 AERIAL PHOTOGRAPHS

As part of the 2013 Phase I ESA, Premier obtained and reviewed aerial photographs for the years 1954, 1978, 1988, 2004 and 2009 (see Appendix B2 for details) in order to evaluate the development history of the subject property and surrounding area.

Upon review, the relevant findings are as follows:

- **1954 and 1978**: The subject property appears to be developed with a rural residence partially visible in the dense tree cover which encompasses the majority of the property. During this time, Walker's Line appeared to be developed with scattered rural residences, while the surrounding land use was predominantly agricultural or undeveloped/forested lands (particularly lands north of Upper Middle Road and east of Walker's Line); and

- **1988 and 2009:** The subject property was unchanged in use. The adjacent residential developments were constructed and have remained in the same configuration since the late 1980's, with the exception of a few recent (post-2000) condominium developments now located on the south side of Upper Middle Road.

No historical or recent developments were observed near the subject property which would raise concern in an environmental context in connection with the subject property (e.g., waste yards, quarries, waste water treatment facilities, mines, etc.).

4.3.2 GEOLOGY, TOPOGRAPHY, HYDROLOGY

The Geological Highway Map for Southern Ontario (published by the Ontario Ministry of Natural Resources) indicates that the subject property is located in an area dominated by the Queenston Formation, formed during the Upper Ordovician period, where the bedrock predominantly consists of a red shale. Furthermore, the area is characterized by sandy soils (Chapman and Putnam, 1984). Information gathered from the water well database records (provided by EcoLog ERIS) for the nearest well (located approximately 30m south-east of the subject property), identifies a bedrock depth of approximately 12 meters below ground surface.

Regional topography is variable due to the presence of Shore Acres Creek and associated tributaries. A regional topographic map showing the subject property and surrounding lands and watershed components is presented in Appendix A3. A review of this map shows a gradual topographic slope from west to east. Localized topography on the subject property however, is highly variable. The northwestern portion of the subject property is predominantly flat, and there is a steep slope (bank) towards Shore Acres Creek. For detailed elevation data, please refer to Figure A2 – Topographic Map/Legal Survey, located in Appendix A.

There is no drainage ditch located along the north side of Upper Middle Road. Surface water on-site is anticipated to infiltrate and generally drain towards Shore Acres Creek. Although the shallow groundwater table is expected to flow towards the surface water body to the east, the regional groundwater direction is inferred to flow in a south-easterly direction towards Lake Ontario.

4.3.3 FILL MATERIALS

Upon review of historical data, adjacent development history, and site observations, no evidence of fill materials was observed or inferred to have been deposited on the subject property.

4.3.4 WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

Shore Acres Creek, a permanent flow tributary of the Burlington Urban Creeks Watershed (subwatershed 308), is located directly east of the subject property (Halton Conservation, 2013). Greenlands A / Significant Woodlands surround this creek system and extend along the eastern end of the subject property.

4.3.5 WELL RECORDS

A suspect well was observed on the north side of the residence during the 2013 site reconnaissance. However, this well was not identified during the 2014 site visit and no well records were found in the Water Well Information System (WWIS) database searched by EcoLog ERIS for the subject property.

4.4 SITE OPERATING RECORDS

There are no known (or relevant in an environmental context) site operating records associated with the subject property.

5.0 INTERVIEWS AND CORRESPONDENCE

Information gathered through the interview process was incorporated into the appropriate sections of this report. All information obtained through the interview process was consistent with findings sought through other environmental source information.

5.1 MR. BOB VAN DE VRANDE, APEX RESULT REALTY INC.

(INTERVIEW TYPE: PHONE INTERVIEW)

Mr. Van de Vrande manages the property on behalf of the former owners and verbally provided information about activities on-site as a component of the 2013 Phase I ESA. All pertinent information regarding to this interview has been incorporated into the appropriate sections of this report.

6.0 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

Ms. Kyla Hoyles of Premier visited the subject property on September 8, 2014 at 9:30 am. Ms. Hoyles is a Professional Geoscientist registered with the Association of Professional Geoscientists of Ontario and Qualified Person (QP_{ESA}) under Ontario Regulation 153/04 (as amended). Further details regarding the qualifications of the site assessors are provided in Appendix E. Weather conditions were sunny and approximately 20 C at the time of the site investigation.

A photographic log depicting general site features and relevant findings is located in Appendix B1.

Property Limits

The limits of the subject property are depicted in Figure A2.

6.2 SPECIFIC OBSERVATIONS AT THE PHASE ONE PROPERTY

The subject property is approximately 1.4 hectares (3.5 acres) in area and currently consists of undeveloped land. The residential building and supporting shed structure located at the subject property were recently demolished to in preparation for future development purposes.

The subject property currently consists of gravel driveways, some construction rubble and piled earth remaining from building demolition and wild vegetation including a number of trees, shrubs and grasses. During the site visit a copper wire was observed on the ground surface, which appeared to be associated with the above-ground propane tank which was formerly located approximately 8 m north of the residence. No other utilities services were identified at the subject property.

A large depression remains on site where the former residence was located. Some rain water was ponded within a portion of the depression at the time of the site visit. It was not clear whether all building footings or the former septic tank (if present) was removed when the residence was demolished. No evidence of foreign fill materials were observed and the basement area was not backfilled.

6.2.1 HAZARDOUS MATERIALS

Premier did not identify any potential hazardous materials such as asbestos, lead paint, and PCB-containing electrical equipment on the Subject properties.

According to Premier's 2013 Phase I ESA, a Designated Substance Survey (DSS) was recommended prior to the demolition of the former buildings located at the subject property. A DSS report was not provided to Premier for review.

6.2.2 CHEMICAL AND STORAGE CONTAINERS

No chemical storage was observed on the subject property. No areas of potential environmental concern were identified associated with product storage, or associated leaks or spills.

6.2.3 STAINS AND ODOURS

Premier did not observe any significant odours or staining to the ground surface at the subject property, which would indicate a potential environmental impact from chemical spills or leaks.

6.2.4 STRESSED VEGETATION

At the time of the site visit, Premier did not observe any stressed vegetation at the subject property.

6.3 WRITTEN DESCRIPTION OF INVESTIGATION

No areas of potential environmental concern (APECs) were observed associated with the former residence, historical activities at the subject property, or other observed features during the site reconnaissance.

Observations at Adjoining Properties

The subject property is located in an area dominated by residential and light commercial land use (see Figure A4 - Surrounding Land Use Map, located in Appendix A). Observations during the site investigation with regards to adjoining properties were as follows:

West: West of the subject property, are residential attached houses/ condominium complexes.

North: North of the subject property are undeveloped forested lands followed by Shore Acres Creek.

South: South of the subject property is Upper Middle Road followed by cleared and graded lands with a condo development sales office.

East: East of the subject property are undeveloped forested lands followed by Shore Acres Creek.

No areas of potential environmental concern were detected from observations of adjacent land uses and features at the time of the site investigation.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

Table 3 – Current and Past Uses of the Phase I Property

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1954	Unknown	Residential	Residential	Driveway visible in 1954 aerial photograph however observations of the structure are limited by tree canopy and scale of the image.
1967	Cook, Richard. W.	Residential	Residential	First city directory record confirms occupancy.
1978	Cook, Richard. W.	Residential	Residential	Aerial photograph – site features similar to present.
1988	Cook, Richard. W.	Residential	Residential	Aerial photograph – site features similar to present.
2003	Mr. Bruce King, Mr. John Franklin Vivian, and Daddy Loves You Incorporated	Residential – occupied by FGI Community Living (group home)	Residential	Transfer to current owners.
2013	Mr. Bruce King, Mr. John Franklin Vivian, and Daddy Loves You Incorporated	Residential (vacant)	Residential	Site reconnaissance, vacant property.

7.2 POTENTIALLY CONTAMINATING ACTIVITIES

O. Reg. 179/11 of the Environmental Protection Act provides a list of potentially contaminating activities which could have occurred on, in or under a Phase I property or within a Phase I study area. This list was reviewed, and all applicable potentially contaminating activities listed in Table 4 below.

Table 4 - Potentially Contaminating Activities, as Listed in Table 2, O. Reg. 179/11

Subject Property	Phase I Study Area
None identified	4021 Upper Middle Road: *PCA #28 - Gasoline and Associated Products Storage in Fixed Tanks*

In 2010 a RSC was filed with the Ministry of Environment for the gasoline service station property located at 4021 Upper Middle Road, which is approximately 110 meters south-west of the site. The RSC stated that no off-site environmental impact was encountered, and provided an outline of the remedial program conducted at that property. As such, this historical service station is not considered an area of potential environmental concern (APEC) associated with the subject property.

7.3 AREAS OF POTENTIAL CONCERN

Based on the results of the historical review, on-site observations, and upon review of the RSC filed for the property located at 4021 Upper Middle Road, and taking into consideration the separation distance and cross-gradient direction of the off-Site PCA identified, no areas of potential concern were identified associated with the subject property.

7.4 PHASE ONE CONCEPTUAL SITE MODEL

Figure A4 identifies the required features, including potentially contaminating activities (PCAs). Upon evaluation of the PCA identified the environmental risk in connection with the subject property is considered to be low.

8.0 CONCLUSIONS

The Phase I ESA Update for 4063 Upper Middle Road has been prepared in general accordance with Canadian Standards Association (CAN/CSA) Standard Z768-01. Upon revision of environment source information, historical development records, historical site use activities, and interviews in light of the physical setting, and site observations, the following conclusions were made:

- No potentially contaminating activities (PCAs) are known to be associated with the subject property, past or present;
- A PCA was identified to be associated with one (1) former retail gasoline station property located within the Phase One Study Area. Given that a RSC was recently filed for the gas station property, separation distance to the site and hydrological features of the area, the risk of environmental impact to the site from this PCA is considered to be low. As such, no areas of potential environmental concern (APECs) associated with the subject property were identified; and
- No further environmental assessment or subsurface investigative work is recommended at this time.

9.0 LIMITATIONS

The use of this report is subject to the Statement of Limitations presented in Appendix F of this report. The reader's attention is specifically drawn to the Statement of Limitations as it is considered essential that they be followed for the proper use and interpretation of this report. If you have any questions regarding this report, please contact the undersigned.

Yours truly,

Premier Environmental Services Inc.



Sarah Christner, B. Sc.
Environmental Scientist

Kyla Hoyles, P. Geo., QP$_{ESA}$
Environmental Geoscientist

P:\2014 Projects\Cambridge\614078.CE - Reid Heritage Homes - Phase I ESA Update & EIS - 4063 Upper Middle Rd, Burlington, ON\FINAL\Phase I ESA_4063 Upper Middle Road, Burlington, ON FINAL 2Oct14.docx

10.0 REFERENCES

1. Canadian Standards Association Phase I ESA Standard CSA Z768-01.
2. Record of Site Condition #77115 – Filed on 2010/05/10 with the Ontario Ministry of Environment.
3. Geological Highway Map #2441, Ontario Geological Survey, published by Ontario Ministry of Natural Resources.
4. Ontario Ministry of the Environment, “Waste Disposal Site Inventory”, June 1991.
5. Ontario Ministry of the Environment, “Inventory of Coal Gasification Plant Waste Sites in Ontario”, April 1987.
6. Ontario Ministry of the Environment, “Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario”, November 1988.
7. Ontario Ministry of the Environment, On-Line HWIN Database. https://www.hwin.ca/hwin/index.jsp
8. Ontario Ministry of Natural Resources, Ontario Geological Survey Special Volume 2. 1984. The physiography of Southern Ontario. Third Addition.
9. Part XV.1 Environmental Protection Act. Ontario Regulation O. Reg. 153/04 as amended by O. Reg. 269, O. Reg. 179/11 and O. Reg. 511/09.

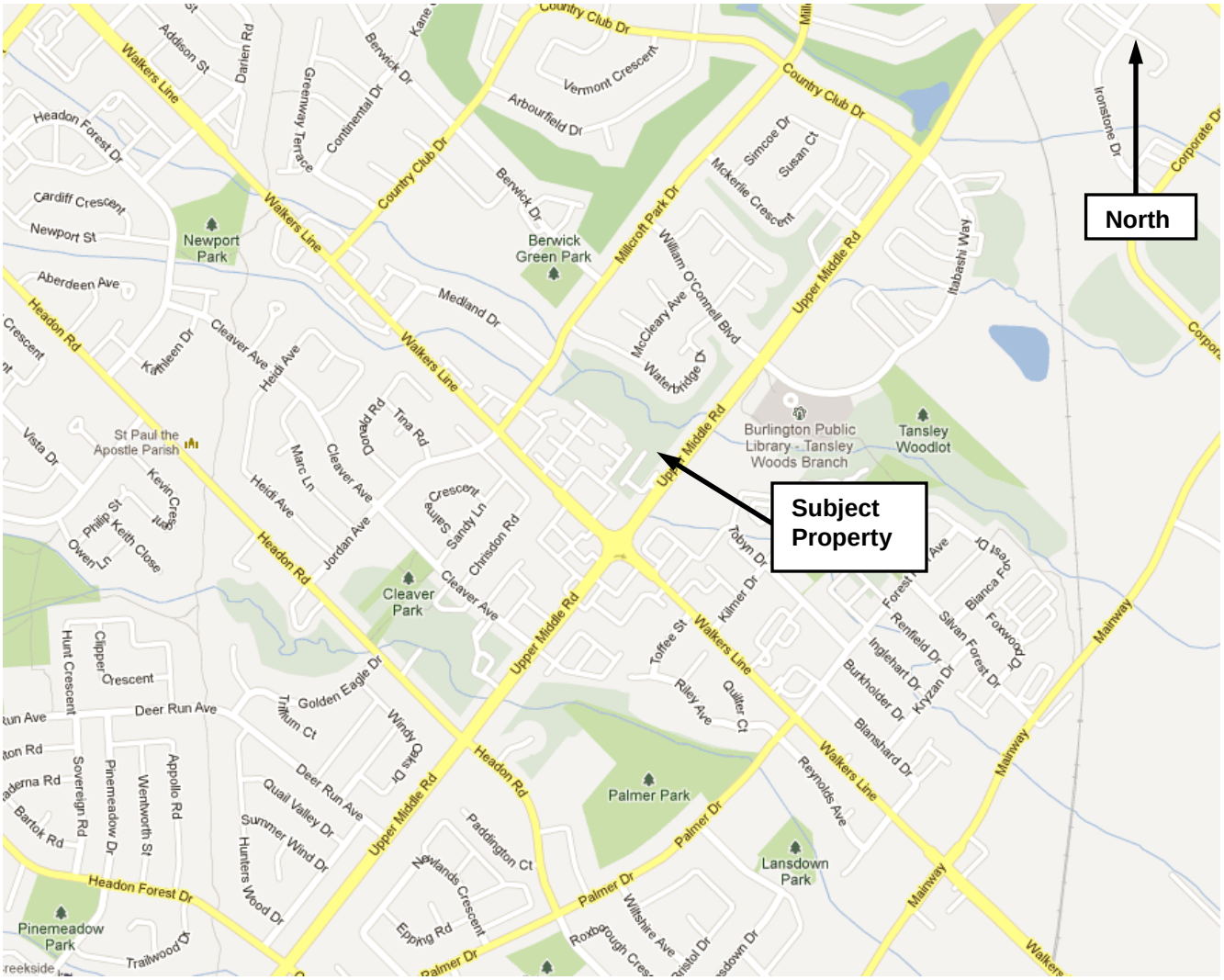
APPENDIX A

MAPS

PREMIER ENVIRONMENTAL SERVICES INC

FIGURE A1 - SITE LOCATION MAP

Client Name:	**Site Location:**	**Project No.**
Reid Heritage Homes	4063 Upper Middle Road, Burlington, Ontario	614078.CE



Source: Google Maps, 2013

PLAN OF TOPOGRAPHY OF

PART OF LOT 10, CONCESSION 1 SOUTH OF DUNDAS STREET

(GEOGRAPHIC TOWNSHIP OF NELSON)

IN THE

CITY OF BURLINGTON

REGIONAL MUNICIPALITY OF HALTON

SCALE 1 : 200 m.

5 0 5 10 15 METRES

ASHENHURST NOUWENS LIMITED

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METRIC NOTE
DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

THIS SURVEY WAS PREPARED FOR MICHAEL CORRADO AND THE UNDERSIGNED ACCEPTS NO RESPONSIBILITY FOR USE BY OTHER PARTIES.

REGISTERED EASEMENTS AND/OR RIGHT-OF-WAY.
NONE

BEARING NOTE
BEARINGS ARE ASTRONOMIC AND ARE REFERRED TO THE WESTERLY LIMIT OF UPPER MIDDLE ROAD AS SHOWN ON REGISTERED PLAN No. 417 HAVING A BEARING OF N37°24'30"E.

BENCHMARK
CITY OF BURLINGTON BENCHMARK No. 429
BRASS PLAQUE SET ON THE NORTHWEST FACE OF HEADER WALL ON WEST END OF BRIDGE OVER SHOREACRES CREEK ON UPPER MIDDLE ROAD, 380m EAST OF WALKERS LINE, 15c EAST AND 40cm BELOW TOP OF WALL.

ELEVATION=139.935

LEGEND

-□SIB	DENOTES	STANDARD IRON BAR
-□IB	DENOTES	IRON BAR
-□RIB	DENOTES	ROUND IRON BAR
OU	DENOTES	ORIGIN UNKNOWN
BURL	DENOTES	CITY OF BURLINGTON
Y&Y	DENOTES	YATES & YATES SURVEYING INC.

■— FOUND □— PLANTED

P1	DENOTES	PLAN OF SURVEY BY ASHENHURST NOUWENS LTD, DATED JULY 15, 2002.
P2	DENOTES	P2 – PLAN 20R-8438
P3	DENOTES	PLAN 20M-463
FF	DENOTES	FINISHED FLOOR ELEVATION
GF	DENOTES	GARAGE FLOOR ELEVATION
CT	DENOTES	CONIFEROUS TREE
DT	DENOTES	DECIDUOUS TREE
WV	DENOTES	WATER VALVE
CB	DENOTES	CATCH BASIN
MH	DENOTES	MANHOLE
WMH	DENOTES	WATER MANHOLE
HP	DENOTES	HYDRO POLE
RRW	DENOTES	ROCK RETAINING WALL
LS	DENOTES	LIGHT STANDARD
GW	DENOTES	GUY WIRE

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT, THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.

2. THE SURVEY WAS COMPLETED ON THE 17th DAY OF JANUARY, 2013.

JANUARY 24, 2013
DATE

GUIDO V. CONSOLI
ONTARIO LAND SURVEYOR

ASHENHURST NOUWENS LIMITED
PROFESSIONAL ENGINEERS & ONTARIO LAND SURVEYORS
315 YORK BOULEVARD, SUITE 201, HAMILTON, ONTARIO L8R-3K5
TELEPHONE: (905) 529-6316
(905) 529-4314
FAX: (905) 529-6651
e-mail: anl@AshenhurstNouwens.com
ESTABLISHED 1956

DRAWN BY	CALC'D BY	CHK'D BY	FILE No.
B.K.	B.K.	G.V.C.	13006 TOPO+BLS

PREMIER ENVIRONMENTAL SERVICES INC

FIGURE A3 – REGIONAL TOPOGRAPHIC MAP

Client Name:	**Site Location:**	**Project No.**
Reid Heritage Homes	4063 Upper Middle Road, Burlington, Ontario	614078.CE



Source: Natural Resources Canada; The Atlas of Canada - Toporama Topographic Maps, 2013

PREMIER ENVIRONMENTAL SERVICES INC

FIGURE A4 – SURROUNDING LAND USE MAP/CSM

Client Name:	Site Location:	Project No.
Reid Heritage Homes	4063 Upper Middle Road, Burlington, Ontario	614078.CE



APPENDIX B

PHOTOGRAPHS

APPENDIX B1

SITE PHOTOGRAPHS

PREMIER ENVIRONMENTAL SERVICES INC

PHOTOGRAPHIC LOG

Client Name: Reid Heritage Homes	**Site Location:** 4063 Upper Middle Road, Burlington, Ontario	**Project No.** 614078.CE

Photo No. 1	**Date:** 08-Sep-14

Direction Photo Taken:

South

Description:

View of the former residence location and gravel driveway beyond.



Photo No. 2	**Date:** 08-Sep-14

Direction Photo Taken:

NA

Description:

Construction rubble remaining from building demolition.



PREMIER ENVIRONMENTAL SERVICES INC

PHOTOGRAPHIC LOG

Client Name: Reid Heritage Homes	**Site Location:** 4063 Upper Middle Road, Burlington, Ontario	**Project No.** 614078.CE

Photo No. 3	**Date:** 08-Sep-14

Direction Photo Taken:

NA

Description:

Copper wire remaining where the former propane tank.



Photo No. 4	**Date:** 08-Sep-14

Direction Photo Taken:

NA

Description:

Wild vegetation located at the subject property.

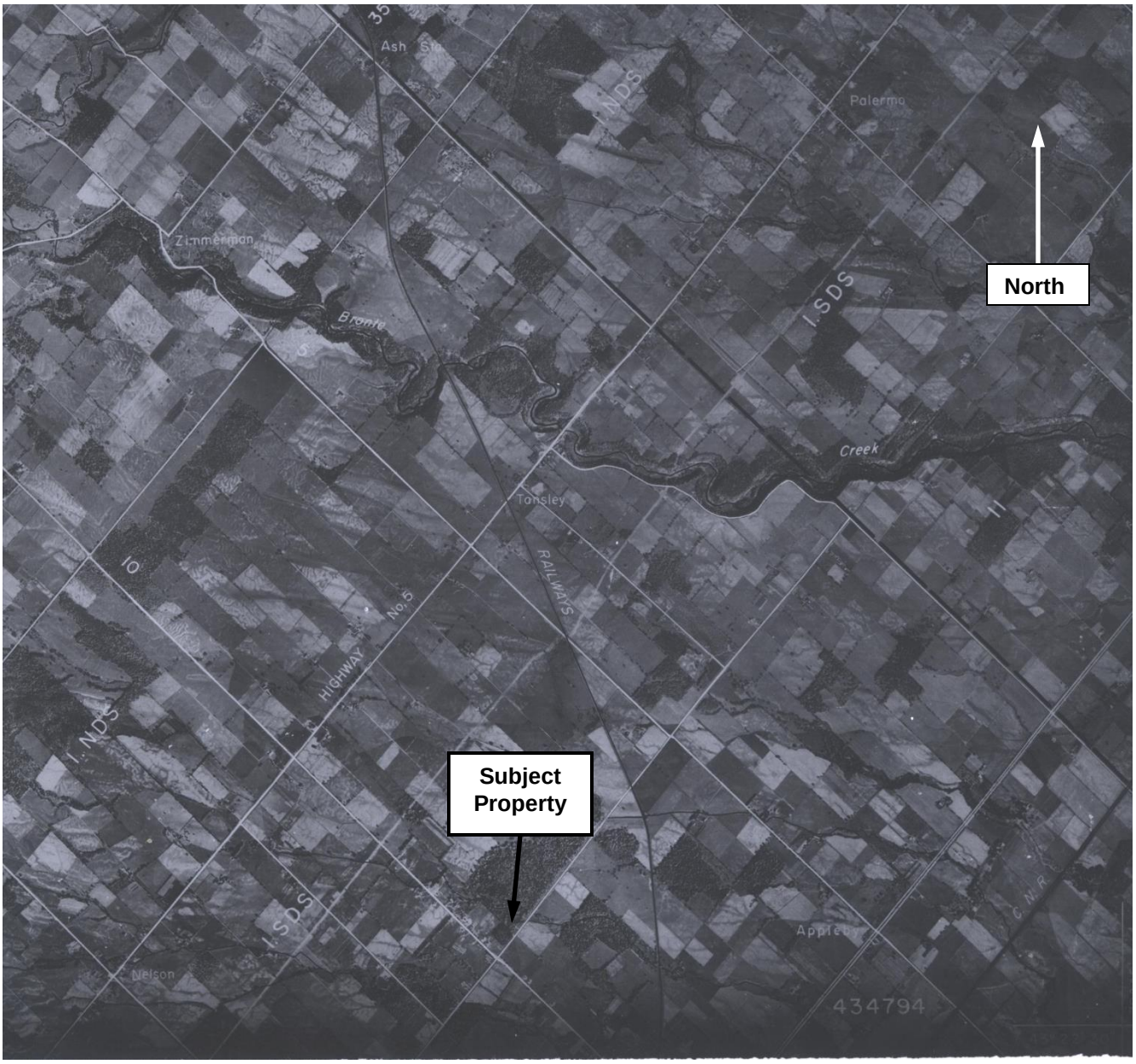


APPENDIX B2

AERIAL PHOTOGRAPHS

FIGURE B2.1 – AERIAL PHOTOGRAPH 1954

Client Name:	Site Location:	Project No.
Reid Heritage Homes	4063 Upper Middle Road, Burlington, Ontario	614078.CE



Source: National Air Photo Library
Photograph Scale: 1:63 360

FIGURE B2.2 – AERIAL PHOTOGRAPH 1978

Client Name:	Site Location:	Project No.
Reid Heritage Homes	4063 Upper Middle Road, Burlington, Ontario	614078.CE



Source: National Air Photo Library
Photograph Scale: 1:10 000

PREMIER ENVIRONMENTAL SERVICES INC

FIGURE B2.3 – AERIAL PHOTOGRAPH 1988

Client Name:	**Site Location:**	**Project No.**
Reid Heritage Homes	4063 Upper Middle Road, Burlington, Ontario	614078.CE



Source: National Air Photo Library
Photograph Scale: 1:50 000

PREMIER ENVIRONMENTAL SERVICES INC

FIGURE B2.4 – AERIAL PHOTOGRAPH 2004

Client Name:	**Site Location:**	**Project No.**
Reid Heritage Homes	4063 Upper Middle Road, Burlington, Ontario	614078.CE

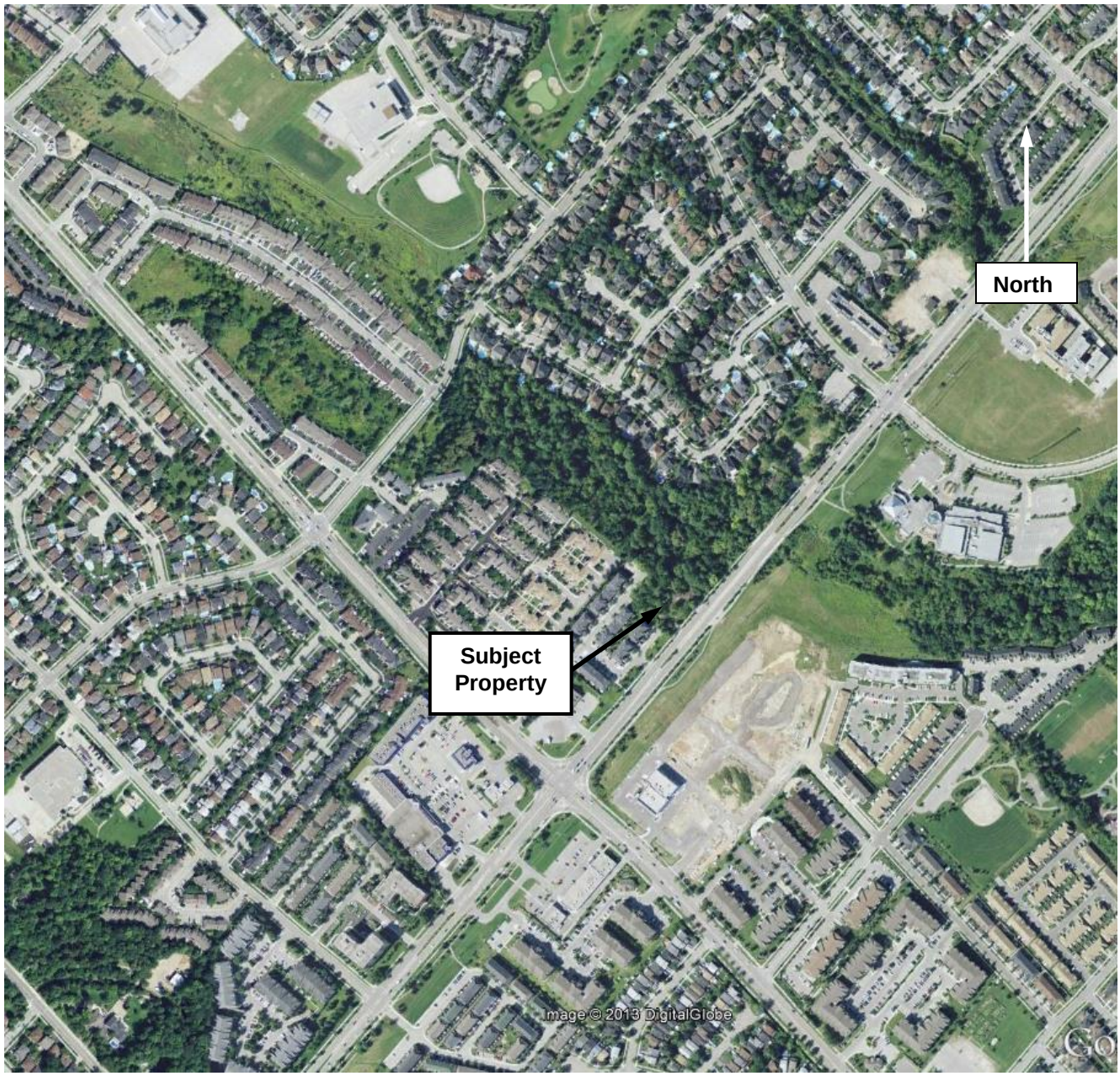


Source: Google Earth Pro, Photograph date: November 6, 2004

PREMIER ENVIRONMENTAL SERVICES INC

FIGURE B2.5 – AERIAL PHOTOGRAPH 2009

Client Name:	**Site Location:**	**Project No.**
Reid Heritage Homes	4063 Upper Middle Road, Burlington, Ontario	614078.CE



Source: Google Earth Pro, Photograph dated: September 29, 2009.

APPENDIX C

SUPPORTING DOCUMENTS

PROPERTY DESCRIPTION: PT LT 10 , CON 1 SOUTH OF DUNDAS STREET , AS IN 797203 ; BURLINGTON/NELSON TWP

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1996/05/27

OWNERS' NAMES	CAPACITY	SHARE
VIVIAN, JOHN FRANKLIN	TCOM	1/3
KING, BRUCE	TCOM	1/3
DADDY LOVES YOU INC.	TCOM	1/3

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/05/27 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/05/27						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) ***						
***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: 1996/05/27 ***						
119980	1961/01/25	BYLAW				C
HR175708	2003/01/31	TRANSFER	$440,000	COOKE, RICHARD WILLIAM COOKE, RUTHANNE SOUTER	VIVIAN, JOHN FRANKLIN VAN DE VRANDE, CHRISTOPHER KING, BRUCE	C
HR175709	2003/01/31	CHARGE	$330,000	VIVIAN, JOHN FRANKLIN VAN DE VRANDE, CHRISTOPHER KING, BRUCE	FIRST NATIONAL FINANCIAL CORPORATION	C
HR175710	2003/01/31	NO ASSGN RENT GEN		VIVIAN, JOHN FRANKLIN VAN DE VRANDE, CHRISTOPHER KING, BRUCE	FIRST NATIONAL FINANCIAL CORPORATION	C

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
REMARKS: HR175709 - RENTS						
HR285302	2004/05/14	TRANSFER	$175,000	VAN DE VRANDE, CHRISTOPHER	DADDY LOVES YOU INC.	C
HR1076398	2013/01/16	TRANSFER OF CHARGE		FIRST NATIONAL FINANCIAL CORPORATION	COMPUTERSHARE TRUST COMPANY OF CANADA	C
REMARKS: HR175709.						
HR1076402	2013/01/16	NO ASSGN RENT GEN		FIRST NATIONAL FINANCIAL CORPORATION	COMPUTERSHARE TRUST COMPANY OF CANADA	C
REMARKS: HR175709. HR175710						

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.

REPORT

Project Property:	*4063 Upper Middle Road* *4063 Upper Middle Road* *Burlington ON ONTARIO*
Report Type:	*Custom-Build Your Own Report*
Order #:	*20130423013*
Date:	*May 1, 2013*

EcoLog ERIS Ltd.
Environmental Risk
Information Service Ltd. (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Executive Summary

Property Information:

Project Property:	*4063 Upper Middle Road* *4063 Upper Middle Road Burlington ON ONTARIO*

Order Information:

Order No.:	*20130423013*
Date Requested:	*01/05/2013*
Requested by:	*Premier Environmental Services Inc.*
Report Type:	*Custom-Build Your Own Report*

Additional Products:

Executive Summary: Report Summary

Database	Name	Selected	On Site	Boundary to 0.25KM	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	3	3
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	3	3
EIIS	Environmental Issues Inventory System	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	8	8
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defence & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defence & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0

Database	Name	Selected	On Site	Boundary to 0.25KM	Total
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	1	1
SCT	Scott's Manufacturing Directory	Y	0	1	1
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	11	11
		Total:	0	33	33

Executive Summary: Site Report Summary – Project Property

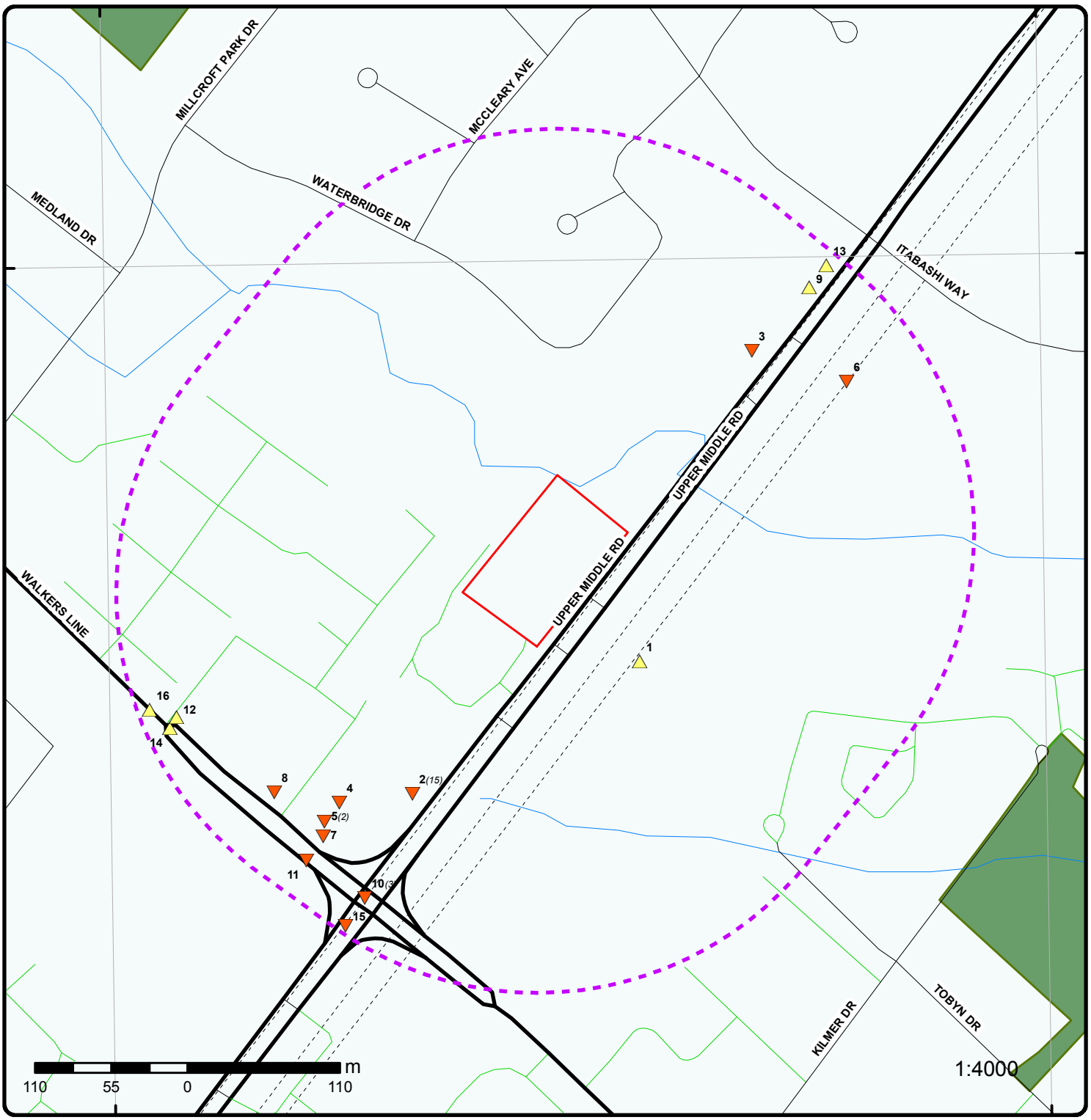
Map Key	DB	Company/Site Name	Address	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary – Surrounding Properties

Map Key	DB	Company/Site Name	Address	Page Number
1	WWIS		lot 10 con 2 ON	10
2	EHS		4021 Upper Middle Burlington ON L7R 3X5	10
2	EHS		4021 Upper Middle Road Burlington ON	10
2	EHS		4021 Upper Middle Road Burlington ON L7R 3X5	11
2	EXP	AHMAD RAHIM O/A 1200656 ONTARIO LTD	4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	11
2	EXP	AHMAD RAHIM O/A 1200656 ONTARIO LTD	4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	11
2	EXP	AHMAD RAHIM O/A 1200656 ONTARIO LTD	4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	11
2	EXP	971757 ONTARIO INC ARMSTRONG SHELL	4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	11
2	EXP	AHMAD RAHIM O/A 1200656 ONTARIO LTD	4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	11
2	EXP	AHMAD RAHIM O/A 1200656 ONTARIO LTD	4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	12
2	EXP	AHMAD RAHIM O/A 1200656 ONTARIO LTD	4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	12
2	EXP	AHMAD RAHIM O/A 1200656 ONTARIO LTD	4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	12
2	PRT	971757 ONTARIO INC (SHELL)	4021 UPPER MIDDLE RD & WALKERS LINE BURLINGTON ON	12
2	RSC	1783944 Ontario Inc.	4021 UPPER MIDDLE RD, RR 2, BURLINGTON, ON, L7R 3X5 ON L7R 3X5	12
2	RST	UPPER MIDDLE SHELL	4021 UPPER MIDDLE BURLINGTON ON	13
2	SPL	PRIVATE OWNER	4021 UPPER MIDDLE RD. MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON	13
3	WWIS		lot 9 con 1 ON	13
4	WWIS		Burlington ON	14
5	WWIS		Burlington ON	14
5	WWIS		Burlington ON	15
6	WWIS		lot 9 con 2 ON	15
7	HINC		2039 WALKER'S LINE BURLINGTON ON	16
8	SCT	Enseicom Inc.	2039 Walkers Line Unit 34 Burlington ON L7M 4G1	16

Map Key	DB	Company/Site Name	Address	Page Number
9	PINC		18 - 4115 Upper Middle Road, Burlington ON	16
10	CA	GOLDFAN HOLDINGS LTD.-PT.LOT 11/CONC. 1	UPPER MIDDLE RD./WALKERS LINE BURLINGTON CITY ON	17
10	CA	BURLINGTON CITY	UPPER MIDDLE RD./WALKER'S LINE BURLINGTON CITY ON	17
10	CA	GOLDFAN HOLDINGS LTD.-PT.LOT 11/CONC.1	UPPER MIDDLE RD./WALKERS LINE BURLINGTON CITY ON	18
11	WWIS		lot 11 con 1 ON	18
12	WWIS		lot 11 con 1 ON	18
13	PINC		4119 UPPER MIDDLE ROAD, BURLINGTON ON	19
14	WWIS		lot 11 con 1 ON	19
15	WWIS		lot 11 con 1 ON	20
16	WWIS		lot 11 con 1 ON	20



Map

Order No: 20130423013

Address: 4063 Upper Middle Road, Burlington, ON, ONTARIO

- 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: © 2012 DMTI Spatial Inc.



Aerial

Order No: 20130423013

Address: 4063 Upper Middle Road, Burlington, ON, ONTARIO

Source: ESRI World Imagery

© Ecolog ERIS Ltd

Detail Report

Map Key	Number of Records	Elevation m	Site	DB
1	1 of 1	136.9	lot 10 con 2 ON	WWIS

Well Id:	2800251	*Lot:*	010
Concession:	02	*Concession Name:*	DS S
County:	HALTON	*Municipality:*	BURLINGTON CITY
Easting Nad83:	596910.5	*Northing Nad83:*	4803790
Zone:	17	*Utm Reliability:*	margin of error : 100 m - 300 m
Primary Water Use:	Domestic	*Construction Date:*	5/7/1965
Secondary Water Use:		*Well Depth:*	27 ft
Pump Rate:	10 GPM	*Static Water Level:*	7 ft
Flow Rate:		*Clear/Cloudy:*	CLEAR
Specific Capacity:		*Final Well Status:*	Water Supply
Construction Method:	Cable Tool	*Flowing (y/n):*	N
Elevation (m):	136.5885	*Elevation Reliability:*	
Depth to Bedrock:	12	*Overburden/Bedrock:*	Bedrock
Water Type:	FRESH	*Casing Material:*	STEEL, OPEN HOLE

--- Details ---

Thickness:	9 ft	*Original Depth:*	9 ft
Material Colour:	BROWN	*Material:*	CLAY
+			
Thickness:	3 ft	*Original Depth:*	12 ft
Material Colour:	RED	*Material:*	CLAY
+			
Thickness:	15 ft	*Original Depth:*	27 ft
Material Colour:	RED	*Material:*	SHALE

Map Key	Number of Records	Elevation m	Site	DB
2	1 of 15	135.8	4021 Upper Middle Burlington ON L7R 3X5	EHS

Order No.:	20120207044
Report Date:	2/16/2012
Report Type:	Custom Report
Search Radius (km):	0.25
Addit. Info Ordered:	

Map Key	Number of Records	Elevation m	Site	DB
2	2 of 15	135.8	4021 Upper Middle Road Burlington ON	EHS

Order No.:	20060320004
Report Date:	3/28/2006
Report Type:	Basic Report
Search Radius (km):	0.25
Addit. Info Ordered:	

Map Key	Number of Records	Elevation m	Site	DB
2	3 of 15	135.8	4021 Upper Middle Road Burlington ON L7R 3X5	EHS

Order No.: 20100310009
Report Date: 3/15/2010
Report Type: Standard Report
Search Radius (km): 0.25
Addit. Info Ordered: Fire Insur. Maps and/or Site Plans;

Map Key	Number of Records	Elevation m	Site	DB
2	4 of 15	135.8	AHMAD RAHIM O/A 1200656 ONTARIO LTD 4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	EXP

Instance ID: 80994
Instance Number: 11379717
Context: FS Piping
Status: EXPIRED
Description: FS Piping

Map Key	Number of Records	Elevation m	Site	DB
2	5 of 15	135.8	AHMAD RAHIM O/A 1200656 ONTARIO LTD 4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	EXP

Instance ID: 396912
Instance Number: 9832861
Context: FS Facility
Status: EXPIRED
Description: FS Gasoline Station - Self Serve

Map Key	Number of Records	Elevation m	Site	DB
2	6 of 15	135.8	AHMAD RAHIM O/A 1200656 ONTARIO LTD 4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	EXP

Instance ID: 81329
Instance Number: 11379696
Context: FS Liquid Fuel Tank
Status: EXPIRED
Description: FS Liquid Fuel Tank

Map Key	Number of Records	Elevation m	Site	DB
2	7 of 15	135.8	971757 ONTARIO INC ARMSTRONG SHELL 4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	EXP

Instance ID: 12510
Instance Number: 10133135
Context: FS Facility
Status: EXPIRED
Description: FS Propane Cylr Handling Facility

Map Key	Number of Records	Elevation m	Site	DB
2	8 of 15	135.8	AHMAD RAHIM O/A 1200656 ONTARIO LTD 4021 UPPER MIDDLE RD BURLINGTON ON L7R 3X5	EXP

Instance ID: 81473

Map Key	Number of Records	Elevation m	Site	DB
Instance Number:		11379730		
Context:		FS Liquid Fuel Tank		
Status:		EXPIRED		
Description:		FS Liquid Fuel Tank		

2	***9 of 15***	***135.8***	***AHMAD RAHIM O/A 1200656 ONTARIO LTD*** ***4021 UPPER MIDDLE RD*** ***BURLINGTON ON L7R 3X5***	***EXP***
Instance ID:		81045		
Instance Number:		11379748		
Context:		FS Piping		
Status:		EXPIRED		
Description:		FS Piping		

2	***10 of 15***	***135.8***	***AHMAD RAHIM O/A 1200656 ONTARIO LTD*** ***4021 UPPER MIDDLE RD*** ***BURLINGTON ON L7R 3X5***	***EXP***
Instance ID:		29997		
Instance Number:		10635084		
Context:		FS Liquid Fuel Tank		
Status:		EXPIRED		
Description:		FS Liquid Fuel Tank		

2	***11 of 15***	***135.8***	***AHMAD RAHIM O/A 1200656 ONTARIO LTD*** ***4021 UPPER MIDDLE RD*** ***BURLINGTON ON L7R 3X5***	***EXP***
Instance ID:		80826		
Instance Number:		11379679		
Context:		FS Piping		
Status:		EXPIRED		
Description:		FS Piping		

2	***12 of 15***	***135.8***	***971757 ONTARIO INC (SHELL)*** ***4021 UPPER MIDDLE RD & WALKERS LINE*** ***BURLINGTON ON***	***PRT***
Location ID:		2494		
Type:		retail		
Expiry Date:		1995-03-31		
Capacity (L):		23955		
Licence #:		0076384890		

2	***13 of 15***	***135.8***	***1783944 Ontario Inc.*** ***4021 UPPER MIDDLE RD, RR 2, BURLINGTON, ON, L7R 3X5*** ***ON L7R 3X5***	***RSC***
Date Submitted:		10-May-10		
Date Acknowledg.:				
Date Returned:				
Certification Date:		7-Apr-10		
Soil Type:				

Map Key	Number of Records	Elevation m	Site	DB

Restoration Type:
Registration #: 77115
Stratified (Y/N):
Criteria:
Consultant:
District Office: BURLINGTON
Intended Prop Use: Commercial
Current Property Use: Commercial
Certificate Prop Use #: No CPU
Applicable Standards: Full Depth Site Conditions Standard, with Potable Ground Water, Medium/Fine Textured Soil, for Industrial/Commercial/Community property use
Legal Description: PT LOT 10, CON 1 SOUTH OF DUNDAS STREET, PT 1 20R9404; BURLINGTON/NELSON TWP
Prop. Identification #: 07228-0148 (LT)
Entire legal prop. (y/n): Yes
UTM Coordinates: NAD83 17-596714-4803696
Latitude & Longitude: 43.37990360N 79.80606970W (converted from UTM)
Accuracy Estimate: 11 to 20 meters
Measurement Method: Digitized from a map
CPU Issued Sect 1686: No

2	***14 of 15***	***135.8***	***UPPER MIDDLE SHELL 4021 UPPER MIDDLE BURLINGTON ON***	***RST***

Facility: Service Stations-Gasoline, Oil & Natural Gas
Description:

2	***15 of 15***	***135.8***	***PRIVATE OWNER 4021 UPPER MIDDLE RD. MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON***	***SPL***

Ref No.: 159423
Incident Dt: 8/26/1998
MOE Reported Dt: 8/26/1998
Contaminant Name:
Contaminant Quantity:
Incident Summary: PRIVATE CAR-25 L GASOLINELEAK AT SHELL STN WHEN CAR'S TK BROKE,CONTAINED.
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: ERROR
Nature of Impact:
Receiving Medium: LAND
Environmental Impact: NOT ANTICIPATED

3	***1 of 1***	***136.1***	***lot 9 con 1 ON***	***WWIS***

Well Id: 2800200
Concession: 01
County: HALTON
Easting Nad83: 596991.5
Zone: 17
Primary Water Use: Domestic
Secondary Water Use:
Pump Rate: 0 GPM
Flow Rate:
Lot: 009
Concession Name: DS S
Municipality: BURLINGTON CITY
Northing Nad83: 4804014
Utm Reliability: unknown UTM
Construction Date: 7/4/1957
Well Depth: 34 ft
Static Water Level: 10 ft
Clear/Cloudy: CLEAR

Map Key	Number of Records	Elevation m	Site	DB

Specific Capacity:		*Final Well Status:*	Water Supply
Construction Method:	Cable Tool	*Flowing (y/n):*	N
Elevation (m):	139.917449	*Elevation Reliability:*	
Depth to Bedrock:	19	*Overburden/Bedrock:*	Bedrock
Water Type:	FRESH	*Casing Material:*	STEEL, OPEN HOLE

--- Details ---

Thickness:	19 ft	*Original Depth:*	19 ft
Material Colour:	RED	*Material:*	CLAY
+			
Thickness:	15 ft	*Original Depth:*	34 ft
Material Colour:	RED	*Material:*	SHALE

---

4 **1 of 1** **135.8** **WWIS**

Burlington ON

Well Id:	7144210	*Lot:*	
Concession:		*Concession Name:*	
County:	HALTON	*Municipality:*	BURLINGTON CITY
Easting Nad83:	596694	*Northing Nad83:*	4803688
Zone:	17	*Utm Reliability:*	margin of error : 10 - 30 m
Primary Water Use:	Test Hole	*Construction Date:*	3/26/2010
Secondary Water Use:	Monitoring	*Well Depth:*	4.57 m
Pump Rate:		*Static Water Level:*	
Flow Rate:		*Clear/Cloudy:*	
Specific Capacity:		*Final Well Status:*	Test Hole
Construction Method:	Rotary (Convent.)	*Flowing (y/n):*	
Elevation (m):	138.478622	*Elevation Reliability:*	
Depth to Bedrock:		*Overburden/Bedrock:*	
Water Type:		*Casing Material:*	PLASTIC

--- Details ---

Thickness:	1.22 m	*Original Depth:*	1.22 m
Material Colour:	BROWN	*Material:*	GRAVEL, SAND, LOOSE
+			
Thickness:	3.35 m	*Original Depth:*	4.57 m
Material Colour:	RED	*Material:*	SHALE, DENSE, WEATHERED

---

5 **1 of 2** **135.8** **WWIS**

Burlington ON

Well Id:	7144209	*Lot:*	
Concession:		*Concession Name:*	
County:	HALTON	*Municipality:*	BURLINGTON CITY
Easting Nad83:	596683	*Northing Nad83:*	4803674
Zone:	17	*Utm Reliability:*	margin of error : 10 - 30 m
Primary Water Use:	Test Hole	*Construction Date:*	1/26/2010
Secondary Water Use:	Monitoring	*Well Depth:*	4.57 m
Pump Rate:		*Static Water Level:*	
Flow Rate:		*Clear/Cloudy:*	
Specific Capacity:		*Final Well Status:*	Test Hole
Construction Method:	Rotary (Convent.)	*Flowing (y/n):*	
Elevation (m):	138.485061	*Elevation Reliability:*	
Depth to Bedrock:		*Overburden/Bedrock:*	
Water Type:		*Casing Material:*	PLASTIC

Map Key	Number of Records	Elevation m	Site	DB

--- Details ---

Thickness:	1.22 m	Original Depth:	1.22 m
Material Colour:	BROWN	Material:	GRAVEL, SAND, LOOSE
+			
Thickness:	3.35 m	Original Depth:	4.57 m
Material Colour:	RED	Material:	SHALE, DENSE, WEATHERED

5 **2 of 2** **135.8** **Burlington ON** **WWIS**

Well Id:	7144208	Lot:	
Concession:		Concession Name:	
County:	HALTON	Municipality:	BURLINGTON CITY
Easting Nad83:	596683	Northing Nad83:	4803674
Zone:	17	Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Monitoring	Construction Date:	3/24/2010
Secondary Water Use:	Test Hole	Well Depth:	4.57 m
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Test Hole
Construction Method:	Direct Push	Flowing (y/n):	
Elevation (m):	138.485061	Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	
Water Type:		Casing Material:	PLASTIC

--- Details ---

Thickness:	1.22 m	Original Depth:	1.22 m
Material Colour:	BROWN	Material:	GRAVEL, SAND, LOOSE
+			
Thickness:	3.35 m	Original Depth:	4.57 m
Material Colour:	RED	Material:	SHALE, DENSE, WEATHERED

6 **1 of 1** **135.9** **lot 9 con 2 ON** **WWIS**

Well Id:	2800250	Lot:	009
Concession:	02	Concession Name:	DS S
County:	HALTON	Municipality:	BURLINGTON CITY
Easting Nad83:	597059.5	Northing Nad83:	4803992
Zone:	17	Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic	Construction Date:	10/29/1964
Secondary Water Use:		Well Depth:	33 ft
Pump Rate:	4 GPM	Static Water Level:	10 ft
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Cable Tool	Flowing (y/n):	N
Elevation (m):	138.244262	Elevation Reliability:	
Depth to Bedrock:	20	Overburden/Bedrock:	Bedrock
Water Type:	FRESH	Casing Material:	OPEN HOLE, STEEL

--- Details ---

Thickness:	19 ft	Original Depth:	19 ft
Material Colour:	BROWN	Material:	CLAY
+			
Thickness:	1 ft	Original Depth:	20 ft

Material Colour:	RED	*Material:*	CLAY
+			
Thickness:	13 ft	*Original Depth:*	33 ft
Material Colour:	RED	*Material:*	SHALE

7 **1 of 1** **135.8** **2039 WALKER'S LINE BURLINGTON ON** **HINC**

External File Num:	FS INC 0809-05286
Date of Occurrence:	
Fuel Occurrence Type:	
Fuel Type Involved:	
Status Desc:	Completed - No Action Required
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	
Service Interruptions:	
Property Damage:	
Fuel Life Cycle Stage:	
Root Cause:	
Reported Details:	Non-mandated. Regional Supervisor Frank Bailey indicates that the incident is not related to nay hyd
Fuel Category:	Unknown
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Halton
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

8 **1 of 1** **136.1** **Enseicom Inc.**
2039 Walkers Line Unit 34
Burlington ON L7M 4G1 **SCT**

Established:	1982
Plant Size (ft²):	25000
Employment:	

--- Details ---

SIC/NAICS Code:	326198
Description:	All Other Plastic Product Manufacturing
+	
SIC/NAICS Code:	332311
Description:	Prefabricated Metal Building and Component Manufacturing
+	
SIC/NAICS Code:	337215
Description:	Showcase, Partition, Shelving and Locker Manufacturing
+	
SIC/NAICS Code:	339950
Description:	Sign Manufacturing

9 **1 of 1** **136.7** **18 - 4115 Upper Middle Road, Burlington ON** **PINC**

Incident ID:	2747416
Incident Number:	590852
SR Type:	FS-Pipeline Incident
Status Code:	Pipeline Damage Reason Est

Map Key	Number of Records	Elevation m	Site	DB

Summary:	18 - 4115 Upper Middle Road, Burlington - 1" Pipeline Hit
Spills Action Centre:	
Reported By:	Devay, Lori - Union Gas
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
Method Details:	utility damage
Fuel Category:	Heating Fuel
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	4/29/2011 0:00
Occurrence Start Date:	5/24/2011 0:00
Health Impact:	No
Occurrence Desc:	
Environment Impact:	No
Property Damage:	No
Service Interupt:	Yes
Fuel Type:	Natural Gas
Enforce Policy:	Yes
Operation Type:	Construction Site (pipeline strike)
Damage Reason:	Excavation practices not sufficient
Public Relation:	No
Pipeline System:	
Pipeline Type:	
Depth:	
Pipe Material:	
Regualtor Location:	
PSIG:	
Regulator Type:	
Notes:	

Map Key	Number of Records	Elevation m	Site	DB
10	***1 of 3***	***135.9***	***GOLDFAN HOLDINGS LTD.-PT.LOT 11/CONC. 1 UPPER MIDDLE RD./WALKERS LINE BURLINGTON CITY ON***	***CA***

Certificate #:	3-1583-91-
Application Year:	91
Issue Date:	11/14/1991
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Elevation m	Site	DB
10	***2 of 3***	***135.9***	***BURLINGTON CITY UPPER MIDDLE RD./WALKER'S LINE BURLINGTON CITY ON***	***CA***

Certificate #:	3-1055-93-
Application Year:	93
Issue Date:	9/21/1993
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	

Map Key	Number of Records	Elevation m	Site	DB

Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

10 ***3 of 3*** ***135.9*** ***GOLDFAN HOLDINGS LTD.-PT.LOT 11/CONC.1 UPPER MIDDLE RD./WALKERS LINE BURLINGTON CITY ON*** ***CA***

Certificate #: 7-1202-91-
Application Year: 91
Issue Date: 10/3/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

11 ***1 of 1*** ***135.8*** ***lot 11 con 1 ON*** ***WWIS***

Well Id:	2800216	*Lot:*	011
Concession:	01	*Concession Name:*	DS S
County:	HALTON	*Municipality:*	BURLINGTON CITY
Easting Nad83:	596670.5	*Northing Nad83:*	4803647
Zone:	17	*Utm Reliability:*	margin of error : 100 m - 300 m
Primary Water Use:	Domestic	*Construction Date:*	7/5/1967
Secondary Water Use:		*Well Depth:*	35 ft
Pump Rate:	1 GPM	*Static Water Level:*	2 ft
Flow Rate:		*Clear/Cloudy:*	CLEAR
Specific Capacity:		*Final Well Status:*	Water Supply
Construction Method:	Cable Tool	*Flowing (y/n):*	N
Elevation (m):	138.407577	*Elevation Reliability:*	
Depth to Bedrock:	5	*Overburden/Bedrock:*	Bedrock
Water Type:	FRESH	*Casing Material:*	STEEL, OPEN HOLE

--- Details ---

Thickness:	5 ft	*Original Depth:*	5 ft
Material Colour:	BROWN	*Material:*	CLAY
+			
Thickness:	30 ft	*Original Depth:*	35 ft
Material Colour:	RED	*Material:*	SHALE

---

12 ***1 of 1*** ***136.7*** ***lot 11 con 1 ON*** ***WWIS***

Well Id:	2800210	*Lot:*	011
Concession:	01	*Concession Name:*	DS S
County:	HALTON	*Municipality:*	BURLINGTON CITY
Easting Nad83:	596576.5	*Northing Nad83:*	4803750
Zone:	17	*Utm Reliability:*	unknown UTM

Map Key	Number of Records	Elevation m	Site	DB

Primary Water Use:	Domestic	*Construction Date:*	4/10/1956
Secondary Water Use:		*Well Depth:*	37 ft
Pump Rate:	1 GPM	*Static Water Level:*	27 ft
Flow Rate:		*Clear/Cloudy:*	CLEAR
Specific Capacity:		*Final Well Status:*	Water Supply
Construction Method:	Cable Tool	*Flowing (y/n):*	N
Elevation (m):	139.62741	*Elevation Reliability:*	
Depth to Bedrock:	15	*Overburden/Bedrock:*	Bedrock
Water Type:	FRESH	*Casing Material:*	STEEL, OPEN HOLE
--- Details ---			
Thickness:	15 ft	*Original Depth:*	15 ft
Material Colour:		*Material:*	CLAY
+			
Thickness:	22 ft	*Original Depth:*	37 ft
Material Colour:	RED	*Material:*	SHALE

13 ***1 of 1*** ***136.8*** ***4119 UPPER MIDDLE ROAD, BURLINGTON ON*** ***PINC***

Incident ID:	2666036
Incident Number:	509680
SR Type:	FS-Pipeline Incident
Status Code:	Pipeline Damage Reason Est
Summary:	4119 UPPER MIDDLE ROAD, BURLINGTON - 1 1/4" PIPELINE HIT
Spills Action Centre:	N/A
Reported By:	LORI DEVAY - UNION GAS
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
Method Details:	
Fuel Category:	Heating Fuel
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	12/7/2011 0:00
Occurrence Start Date:	1/7/2011 0:00
Health Impact:	No
Occurrence Desc:	
Environment Impact:	No
Property Damage:	Yes
Service Interupt:	No
Fuel Type:	Natural Gas
Enforce Policy:	Yes
Operation Type:	Construction Site (including excavation)
Damage Reason:	Excavation practices not sufficient
Public Relation:	No
Pipeline System:	
Pipeline Type:	
Depth:	
Pipe Material:	
Regualtor Location:	
PSIG:	
Regulator Type:	
Notes:	

14 ***1 of 1*** ***136.7*** ***lot 11 con 1 ON*** ***WWIS***

Well Id:	2800211	*Lot:*	011
Concession:	01	*Concession Name:*	DS S

Map Key	Number of Records	Elevation m	Site	DB

County:	HALTON	*Municipality:*	BURLINGTON CITY
Easting Nad83:	596571.5	*Northing Nad83:*	4803742
Zone:	17	*Utm Reliability:*	unknown UTM
Primary Water Use:	Domestic	*Construction Date:*	8/21/1956
Secondary Water Use:		*Well Depth:*	35 ft
Pump Rate:	1 GPM	*Static Water Level:*	25 ft
Flow Rate:		*Clear/Cloudy:*	CLEAR
Specific Capacity:		*Final Well Status:*	Water Supply
Construction Method:	Cable Tool	*Flowing (y/n):*	N
Elevation (m):	139.59259	*Elevation Reliability:*	
Depth to Bedrock:	14	*Overburden/Bedrock:*	Bedrock
Water Type:	FRESH	*Casing Material:*	STEEL, OPEN HOLE

--- Details ---

Thickness:	14 ft	*Original Depth:*	14 ft
Material Colour:		*Material:*	CLAY
+			
Thickness:	21 ft	*Original Depth:*	35 ft
Material Colour:	RED	*Material:*	SHALE

15	1 of 1	135.9	lot 11 con 1 ON	WWIS

Well Id:	2800212	*Lot:*	011
Concession:	01	*Concession Name:*	DS S
County:	HALTON	*Municipality:*	BURLINGTON CITY
Easting Nad83:	596698.6	*Northing Nad83:*	4803599
Zone:	17	*Utm Reliability:*	unknown UTM
Primary Water Use:	Domestic	*Construction Date:*	7/11/1957
Secondary Water Use:		*Well Depth:*	44 ft
Pump Rate:	1 GPM	*Static Water Level:*	10 ft
Flow Rate:		*Clear/Cloudy:*	CLEAR
Specific Capacity:		*Final Well Status:*	Water Supply
Construction Method:	Cable Tool	*Flowing (y/n):*	N
Elevation (m):	138.342544	*Elevation Reliability:*	
Depth to Bedrock:		*Overburden/Bedrock:*	Overburden
Water Type:	FRESH	*Casing Material:*	STEEL, OPEN HOLE

--- Details ---

Thickness:	15 ft	*Original Depth:*	15 ft
Material Colour:		*Material:*	CLAY
+			
Thickness:	29 ft	*Original Depth:*	44 ft
Material Colour:	RED	*Material:*	CLAY

16	1 of 1	136.6	lot 11 con 1 ON	WWIS

Well Id:	2800215	*Lot:*	011
Concession:	01	*Concession Name:*	DS S
County:	HALTON	*Municipality:*	BURLINGTON CITY
Easting Nad83:	596556.5	*Northing Nad83:*	4803755
Zone:	17	*Utm Reliability:*	margin of error : 100 m - 300 m
Primary Water Use:	Domestic	*Construction Date:*	4/22/1963
Secondary Water Use:		*Well Depth:*	40 ft

Pump Rate:	1 GPM	*Static Water Level:*	8 ft
Flow Rate:		*Clear/Cloudy:*	CLEAR
Specific Capacity:		*Final Well Status:*	Water Supply
Construction Method:	Cable Tool	*Flowing (y/n):*	N
Elevation (m):	139.800857	*Elevation Reliability:*	
Depth to Bedrock:	15	*Overburden/Bedrock:*	Bedrock
Water Type:	FRESH	*Casing Material:*	OPEN HOLE, STEEL

--- Details ---

Thickness:	15 ft	*Original Depth:*	15 ft
Material Colour:	GREY	*Material:*	CLAY
+			
Thickness:	25 ft	*Original Depth:*	40 ft
Material Colour:	RED	*Material:*	SHALE

Unplottable Report

Site: ***REG.MUN.OF HALTON***
WALKERS LINE BURLINGTON ON

Database: ***CA***

Certificate #:	3-1205-85-006
Application Year:	85
Issue Date:	10/29/85
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***CITY***
WALKERS LINE BURLINGTON CITY ON

Database: ***CA***

Certificate #:	3-1262-85-006
Application Year:	85
Issue Date:	11/6/85
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***A. BROOKS IN TRUST WALKERS HEIGHTS***
WALKERS LINE PHASE 1 & 2 BURLINGTON CITY ON

Database: ***CA***

Certificate #:	3-0350-87-
Application Year:	87
Issue Date:	3/30/1987
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***STIPSITS HOLDINGS INC.***
PT.LOTS 9&10, CONC. 2 (SWM) BURLINGTON CITY ON

Database:
CA

Certificate #: 3-0195-94-
Application Year: 94
Issue Date: 5/20/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ROBERT & MILDRED KOSNIK***
LOT 10, C.2/WALKERS GREEN PH.1 BURLINGTON CITY ON

Database:
CA

Certificate #: 7-0994-97-
Application Year: 97
Issue Date: 9/18/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ROBERT & MILDRED KOSNIK***
LOT 10,C.2/WALKERS GREEN PH.1 BURLINGTON CITY ON

Database:
CA

Certificate #: 3-1317-97-
Application Year: 97
Issue Date: 9/18/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Walker's Green Subdivision-Phase 5***
Lot 10, Concession 2 Burlington ON

Database:
CA

Certificate #: 8846-4TJJY4
Application Year: 01
Issue Date: 3/8/01
Approval Type: Municipal & Private sewage

Status:	Approved
Application Type:	Notice
Client Name:	The Estate of Mary Kryzan
Client Address:	623 Maple Avenue
Client City:	Burlington
Client Postal Code:	L7S 1M7
Project Description:	Administrative Name Change
Contaminants:	
Emission Control:	
Certificate #:	8846-4TJJY4
Application Year:	01
Issue Date:	3/8/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	Notice
Client Name:	The Estate of Mary Kryzan
Client Address:	623 Maple Avenue
Client City:	Burlington
Client Postal Code:	L7S 1M7
Project Description:	Administrative Name Change
Contaminants:	
Emission Control:	

Site: ***DiCarlo Homes*** ***Database:***
Part pf Lot 10, Conc.1 S.D.S. Burlington ON ***CA***

Certificate #:	1406-4PJKHA
Application Year:	00
Issue Date:	9/27/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Dicarlo Custom Homes Ltd.
Client Address:	10 Ferview Court
Client City:	Stoney Creek
Client Postal Code:	L8G 3L2
Project Description:	Construction of Sanitary sewers on Walker Line north of Millcroft Park Drive, DiCarlo Custom Homes, City of Burlington.
Contaminants:	
Emission Control:	
Certificate #:	1406-4PJKHA
Application Year:	00
Issue Date:	9/27/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Dicarlo Custom Homes Ltd.
Client Address:	10 Ferview Court
Client City:	Stoney Creek
Client Postal Code:	L8G 3L2
Project Description:	Construction of Sanitary sewers on Walker Line north of Millcroft Park Drive, DiCarlo Custom Homes, City of Burlington.
Contaminants:	
Emission Control:	

Site: ***Database:***
Part of Lot 10, Concession 2 Burlington ON ***CA***

Certificate #:	2254-4JGJV3
Application Year:	00
Issue Date:	4/27/00

Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Estate Of Mary Kryzan C/O Kosnick, Robert E.
Client Address: 252 Albion Falls Boulevard
Client City: Hamilton
Client Postal Code: L8W 1R5
Project Description: This is an application for a Municipal and Private Sewage Certificate of Approval to construct storm sewers and sanitary sewers.
Contaminants:
Emission Control:
Certificate #: 2254-4JGJV3
Application Year: 00
Issue Date: 4/27/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Estate Of Mary Kryzan C/O Kosnick, Robert E.
Client Address: 252 Albion Falls Boulevard
Client City: Hamilton
Client Postal Code: L8W 1R5
Project Description: This is an application for a Municipal and Private Sewage Certificate of Approval to construct storm sewers and sanitary sewers.
Contaminants:
Emission Control:

Site: ***Walker's Green Subdivision-Phase 5 Lot 10, Concession 2 Burlington ON*** ***Database:*** ***CA***

Certificate #: 6840-4TJJT7
Application Year: 01
Issue Date: 2/16/01
Approval Type: Municipal & Private water
Status: Amended
Application Type: New Certificate of Approval
Client Name: The Estate of Mary Kryzan
Client Address: 252 Albion Falls Boulevard
Client City: Hamilton
Client Postal Code: L8W 1R5
Project Description: Walker's Green Subdivision Phase 5-Construction of Watermains
Contaminants:
Emission Control:
Certificate #: 6840-4TJJT7
Application Year: 01
Issue Date: 2/16/01
Approval Type: Municipal & Private water
Status: Amended
Application Type: New Certificate of Approval
Client Name: The Estate of Mary Kryzan
Client Address: 252 Albion Falls Boulevard
Client City: Hamilton
Client Postal Code: L8W 1R5
Project Description: Walker's Green Subdivision Phase 5-Construction of Watermains
Contaminants:
Emission Control:

Site: ***Part of Lot 9, Concession 1 Burlington ON*** ***Database:*** ***CA***

Certificate #: 5614-575JL6
Application Year: 02

Issue Date:	2/13/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Lloyd Ripani
Client Address:	32 East 14th Street
Client City:	Hamilton
Client Postal Code:	L9A 4B2
Project Description:	Construction of Storm and Sanitary Sewers
Contaminants:	
Emission Control:	

Site: ***Itabashi Way*** ***Database:***
Part of Lot 9, Concession 2 Burlington ON ***CA***

Certificate #:	5250-4RXKN4
Application Year:	00
Issue Date:	12/21/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Oakwood Retirement Communities Inc.
Client Address:	460 Frederick Street
Client City:	Kitchener
Client Postal Code:	N2H 2P5
Project Description:	Watermain to be constructed on Itabashi Way in the City of Burlington.
Contaminants:	
Emission Control:	

Site: ***Database:***
Part of Lot 9, Concession 1 Burlington ON ***CA***

Certificate #:	2785-575JFV
Application Year:	02
Issue Date:	2/13/02
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Lloyd Ripani
Client Address:	32 East 14th Street
Client City:	Hamilton
Client Postal Code:	L9A 4B2
Project Description:	Construction of Watermains
Contaminants:	
Emission Control:	

Site: ***Database:***
Part of Lot 10, Concession 2 Burlington ON ***CA***

Certificate #:	5512-4JGK9H
Application Year:	00
Issue Date:	4/27/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	The Estate Of Mary Kryzan C/O Kosnick, Robert E.
Client Address:	252 Albion Falls Boulevard
Client City:	Hamilton
Client Postal Code:	L8W 1R5

Project Description:	This is an application for a Municipal and Private Water Certificate of Approval to construct watermains.
Contaminants:	
Emission Control:	
Certificate #:	5512-4JGK9H
Application Year:	00
Issue Date:	4/27/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	The Estate Of Mary Kryzan C/O Kosnick, Robert E.
Client Address:	252 Albion Falls Boulevard
Client City:	Hamilton
Client Postal Code:	L8W 1R5
Project Description:	This is an application for a Municipal and Private Water Certificate of Approval to construct watermains.
Contaminants:	
Emission Control:	

Site: ***Walker's Green Subdivision-Ph. 4*** ***Database:***
Pt. of Lot 10, Con. 2 Burlington ON ***CA***

Certificate #:	5284-4KCS65
Application Year:	00
Issue Date:	5/16/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Silvestri Homes
Client Address:	252 Albion Falls Blvd.
Client City:	Hamilton
Client Postal Code:	L8W 1R5
Project Description:	Storm Water Mgmt. Facility
Contaminants:	
Emission Control:	
Certificate #:	5284-4KCS65
Application Year:	00
Issue Date:	5/16/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Silvestri Homes
Client Address:	252 Albion Falls Blvd.
Client City:	Hamilton
Client Postal Code:	L8W 1R5
Project Description:	Storm Water Mgmt. Facility
Contaminants:	
Emission Control:	

Site: ***Walker's Green Subdivision-Phase 5*** ***Database:***
Lot 10, Concession 2 Burlington ON ***CA***

Certificate #:	8846-4TJJY4
Application Year:	01
Issue Date:	2/16/01
Approval Type:	Municipal & Private sewage
Status:	Amended
Application Type:	New Certificate of Approval
Client Name:	The Estate of Mary Kryzan
Client Address:	252 Albion Falls Boulevard
Client City:	Hamilton

Client Postal Code:	L8W 1R5
Project Description:	Walker's Green Subdivision Phase 5-Construction of storm and sanitary sewers
Contaminants:	
Emission Control:	
Certificate #:	8846-4TJJY4
Application Year:	01
Issue Date:	2/16/01
Approval Type:	Municipal & Private sewage
Status:	Amended
Application Type:	New Certificate of Approval
Client Name:	The Estate of Mary Kryzan
Client Address:	252 Albion Falls Boulevard
Client City:	Hamilton
Client Postal Code:	L8W 1R5
Project Description:	Walker's Green Subdivision Phase 5-Construction of storm and sanitary sewers
Contaminants:	
Emission Control:	

Site: ***Walker's Green Subdivision-Phase 5*** ***Database:***
Lot 10, Concession 2 Burlington ON ***CA***

Certificate #:	6840-4TJJT7
Application Year:	01
Issue Date:	3/8/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	Notice
Client Name:	The Estate of Mary Kryzan
Client Address:	623 Maple Avenue
Client City:	Burlington
Client Postal Code:	L7S 1M7
Project Description:	Administrative Address Change
Contaminants:	
Emission Control:	
Certificate #:	6840-4TJJT7
Application Year:	01
Issue Date:	3/8/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	Notice
Client Name:	The Estate of Mary Kryzan
Client Address:	623 Maple Avenue
Client City:	Burlington
Client Postal Code:	L7S 1M7
Project Description:	Administrative Address Change
Contaminants:	
Emission Control:	

Site: ***456941 ONTARIO LTD., SILVESTRI INVESTMEN*** ***Database:***
PT.LOT 9/CON.2,SILVAN FOREST BURLINGTON CITY ON ***CA***

Certificate #:	3-1658-95-966
Application Year:	95
Issue Date:	4/1/96
Approval Type:	Municipal sewage
Status:	Received in 1995, Issued in 1996
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	

Project Description:
Contaminants:
Emission Control:

Site: ***ROBERT & MILDRED KOSNIK*** ***Database:***
PT.LOT 10/CON.2,WALKER'S GREEN BURLINGTON CITY ON ***CA***

Certificate #:	3-1221-97-
Application Year:	97
Issue Date:	10/6/1997
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***HUGH SUTHERLAND & SONS LTD.*** ***Database:***
WALKERS LINE, PT.LOT 10/CON. 2 BURLINGTON CITY ON ***CA***

Certificate #:	3-0650-96-
Application Year:	96
Issue Date:	7/2/1996
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***City of Burlington*** ***Database:***
Upper Middle Rd Burlington ON ***CA***

Certificate #:	0986-7D5HWL
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: ***The Corporation of the City of Burlington*** ***Database:***
Walkers Line Burlington ON ***CA***

Certificate #: 6550-6ERVKW
Application Year: 2005
Issue Date: 8/2/2005
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: ***BELLA COURT DEV. LTD.*** ***Database:***
WALKER'S LINE BURLINGTON CITY ON ***CA***

Certificate #: 7-0719-86-
Application Year: 86
Issue Date: 7/3/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF HALTON*** ***Database:***
UPPER MIDDLE RD. BURLINGTON CITY ON ***CA***

Certificate #: 7-0131-87-
Approval Type: Municipal water
Application Year: 87
Issue Date: 3/4/1987
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***DECARLO CUSTOM HOMES LTD.-LOT 11/CONC. 1*** ***Database:***
UPPER MIDDLE ROAD BURLINGTON CITY ON ***CA***

Certificate #: 7-1676-90-
Application Year: 90
Issue Date: 11/15/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:

Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ROCCA GROUP INC. TANSLEY TOWNHOUSE***
UPPER MIDDLE RD. BURLINGTON CITY ON

Database:
CA

Certificate #:	7-1693-88-
Application Year:	88
Issue Date:	10/24/1988
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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

Database:
CA

Certificate #:	7-0732-88-
Application Year:	88
Issue Date:	6/14/1988
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***R.M. OF HALTON PR-973 WALKER'S LINE***
UPPER MIDDLE ROAD BURLINGTON CITY ON

Database:
CA

Certificate #:	7-0784-86-
Application Year:	86
Issue Date:	7/25/1986
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***WESTINGHOUSE CANADA-LOTS 9 & 10/CONC. 3 WALKER'S LINE/SHOREACRES CREEK BURLINGTON CITY ON***

Database: ***CA***

Certificate #: 3-0142-91-
Application Year: 91
Issue Date: 2/26/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***DECARLO CUSTOM HOLES LTD.-LOT 11/CONC.1 UPPER MIDDLE ROAD BURLINGTON CITY ON***

Database: ***CA***

Certificate #: 3-2172-90-
Application Year: 90
Issue Date: 1/2/1991
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GEORGE WIMPEY CANADA LIMITED NON-PROFIT TOWNH. WALKERS LINE BURLINGTON CITY ON***

Database: ***CA***

Certificate #: 3-0908-89-
Application Year: 89
Issue Date: 5/29/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ROCCA GROUP INC. TANSLEY TOWNHOUSES UPPER MIDDLE RD. BURLINGTON CITY ON***

Database: ***CA***

Certificate #: 3-1993-88-
Application Year: 88
Issue Date: 10/24/1988
Approval Type: Municipal sewage

Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MONARCH CONSTRUCTION LTD. MILLCROFT PH.I ROAD A UPPER MIDDLE RD. PART 1 BURLINGTON CITY ON*** ***Database: CA***

Certificate #: 3-1056-86-
Application Year: 86
Issue Date: 7/28/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ALEXANDRE BROOKS IN TRUST C/O CLEAVER, C WALKER'S LINE PR-973 BURLINGTON CITY ON*** ***Database: CA***

Certificate #: 3-0980-86-
Application Year: 86
Issue Date: 7/25/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CENTRAL CANADA GROCERS INC. UPPER MIDDLE RD. BURLINGTON ON*** ***Database: CA***

Certificate #: 3-0944-85-006
Application Year: 85
Issue Date: 8/14/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:

Emission Control:

Site: ***HUGH SUTHERLAND & SONS LTD.*** ***Database:***
WALKERS LINE, PT.LOT 10/CON. 2 BURLINGTON CITY ON ***CA***

Certificate #: 7-0551-96-
Application Year: 96
Issue Date: 7/2/1996
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MATTAMY HOMES LTD.*** ***Database:***
ORCHARD PH.9/UPPER MIDDLE RD. BURLINGTON CITY ON ***CA***

Certificate #: 3-0832-99-
Application Year: 99
Issue Date: 7/22/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***TALEPI LIMITED*** ***Database:***
FAIRVIEW VILL.SUB/WALKERS LINE BURLINGTON CITY ON ***CA***

Certificate #: 7-1004-97-
Application Year: 97
Issue Date: 9/16/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***REG.MUN.OF HALTON*** ***Database:***
WALKERS LINE BURLINGTON ON ***CA***

Certificate #: 7-0896-85-006

Application Year: 85
Issue Date: 10/29/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MATTAMY HOMES LTD.*** ***Database:***
ORCHARD PH.9/UPPER MIDDLE RD. BURLINGTON CITY ON ***CA***

Certificate #: 7-0572-99-
Application Year: 99
Issue Date: 7/22/1999
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***REG. MUN. OF HALTON*** ***Database:***
UPPER MIDDLE RD. BURLINGTON ON ***CA***

Certificate #: 7-0247-85-006
Application Year: 85
Issue Date: 4/30/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***BELLA COURT DEV. LTD.*** ***Database:***
WALKER'S LINE BURLINGTON CITY ON ***CA***

Certificate #: 3-0901-86-
Application Year: 86
Issue Date: 7/3/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:

Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF HALTON*** ***Database:***
UPPER MIDDLE ROAD BURLINGTON CITY ON ***CA***

Issue Date: 7/18/1987
Certificate #: 3-1271-87-
Application Year: 87
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ONEX PACKAGING INC*** ***Database:***
WALKERS LINE BURLINGTON ON ***EXP***

Instance ID: 68505
Instance Number: 11102980
Context: FS Propane Tank
Status: EXPIRED
Description: FS Propane Tank

Site: ***ONEX PACKAGING INC*** ***Database:***
WALKERS LINE BURLINGTON ON ***EXP***

Instance ID: 397402
Instance Number: 9889004
Context: FS Facility
Status: EXPIRED
Description: FS Propane Refill Cntr - Cylr Fill

Site: ***Crosswinds Golf and Country Club*** ***Database:***
Lot 9 City of Burlington ON ***PTTW***

Year: 2000
EBR Registry No.: IA00E1202
Ministry Ref. No.:
Type: Instrument
Instrument Type: OWRA s. 34 - Permit to take water
Proposal Date: 7/24/00
Location: City of Burlington
Proponent Address: Crosswinds Golf and Country Club6621 Guelph Line,Burlington, Ontario, L9T 2X6

Site: ***BFI WASTE SYSTEMS*** ***Database:***
UPPER MIDDLE RD EAST OF DUNCASTER ON THE SOUTH SIDE BURLINGTON CITY ON ***SPL***

Ref No.: 115069
Incident Dt: 6/29/1995
MOE Reported Dt: 6/29/1995
Contaminant Name:
Contaminant Quantity:
Incident Summary: BFI: 50 L HYDRAULIC OIL TO ROAD, 10 L TO CB FROM TRUCK. CLEANUP CONTRACTED
Incident Cause: PIPE/HOSE LEAK
Incident Reason: OVERSTRESS/OVERPRESSURE
Nature of Impact:
Receiving Medium: LAND
Environmental Impact: NOT ANTICIPATED

Site: ***City of Burlingon<UNOFFICIAL>*** ***Database:***
Upper Middle Road and Cavendish<UNOFFICIAL> Burlington ON ***SPL***

Ref No.: 1825-6G3366
Incident Dt: 9/8/2005
MOE Reported Dt: 9/8/2005
Contaminant Name: ENGINE OIL
Contaminant Quantity:
Incident Summary: Upper Middle Rd. Burlington- oil spill CB
Incident Cause: Other Transport Accident
Incident Reason:
Nature of Impact: Surface Water Pollution
Receiving Medium: Water
Environmental Impact: Possible

Site: ***Database:***
Upper Middle Rd east of Walkers Line Burlington ON ***SPL***

Ref No.: 6122-7JMRSX
Incident Dt:
MOE Reported Dt: 9/19/2008
Contaminant Name: UNKNOWN
Contaminant Quantity:
Incident Summary: Milky white material in Creek
Incident Cause:
Incident Reason:
Nature of Impact: Surface Water Pollution
Receiving Medium:
Environmental Impact: Confirmed

Site: ***Database:***
at Walkers Line Westbound Burlington ON ***SPL***

Ref No.: 2240-8UNLFT
Incident Dt: 26-MAY-12
MOE Reported Dt: 26-MAY-12
Contaminant Name: DIESEL FUEL
Contaminant Quantity:
Incident Summary: QEW at Walkers Line: spill diesel, cleaning
Incident Cause:
Incident Reason:
Nature of Impact: Soil Contamination
Receiving Medium: Sewage - Municipal/Private and Commercial
Environmental Impact: Confirmed

Site:

Walker's Line, South of Harvester's Road Burlington ON

Database:
SPL

Ref No.:	1328-8PSTGJ
Incident Dt:	12/22/2011
MOE Reported Dt:	12/22/2011
Contaminant Name:	DETERGENT FOAM
Contaminant Quantity:	0 other - see incident description
Incident Summary:	Walker's Line vehicle Fire, foam to CB and poss tuck Creek
Incident Cause:	
Incident Reason:	
Nature of Impact:	Other Impact(s); Surface Water Pollution
Receiving Medium:	Sewage - Municipal/Private and Commercial
Environmental Impact:	Confirmed

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Up to Sept 2002 Provincial AAGR
The MAAP Program maintains a database of all abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.

Aggregate Inventory: Up to Aug 2012 Provincial AGR
The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. Please note that the database is only referenced by lot\concession and city/town location. The database provides information regarding the registered owner/operator, location, status, licence type, and maximum tonnage.

Abandoned Mine Information System: 1800-Jan 2012 Provincial AMIS
The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

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

Automobile Wrecking & Supplies: 2001-Jun 2010 Private AUWR
This database provides an inventory of all known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Borehole: 1875-Aug 2011 Provincial BORE
A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Certificates of Approval: 1985-Oct 30, 2011* Provincial CA

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

Commercial Fuel Oil Tanks: 1948-Aug 2011 Provincial CFOT

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

Chemical Register: 1992, 1999-Jun 2010 Private CHEM

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

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

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

Compliance and Convictions: 1989-Feb 2013 Provincial CONV

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

Certificates of Property Use: 1994-Mar 2013 Provincial CPU

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

Drill Hole Database: 1886-Oct 2011 Provincial DRL

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

Environmental Activity and Sector Registry: Oct 31, 2011-Mar 2013 Provincial EASR

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

Environmental Registry: 1994-Mar 2013 Provincial EBR

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

Environmental Compliance Approval: Oct 31, 2011-Mar 2013 Provincial ECA

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

Environmental Effects Monitoring: 1992-2007* Federal EEM

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

ERIS Historical Searches: 1999-Oct 2012 Private EHS

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

Environmental Issues Inventory System: 1992-2001* Federal EIIS

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

List of TSSA Expired Facilities: Current to Feb 2012 Provincial EXP

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

Federal Convictions: 1988-Jun 2007 Federal FCON

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

Contaminated Sites on Federal Land: June 2000-Jan 2013 Federal FCS

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

Fisheries & Oceans Fuel Tanks: 1964-Sept 2003 Federal FOFT

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

Fuel Storage Tank: Current to Jun 2011 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.

Ontario Regulation 347 Waste Generators Summary: 1986-Apr 2012 Provincial GEN

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

TSSA Historic Incidents: 2006-June 2009 Provincial HINC

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

Indian & Northern Affairs Fuel Tanks: 1950-Aug 2003 Federal IAFT

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

TSSA Incidents: June 2009-Mar 2012 Provincial INC

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

Landfill Inventory Management Ontario: 2010 Provincial LIMO

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

Canadian Mine Locations: 1998-2009 Private MINE

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

Mineral Occurrences: 1846-Nov 2011 Provincial MNR

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

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

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

Non-Compliance Reports: 1992(water only), 1994-2010 Provincial NCPL

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

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

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

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

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

National Defence & Canadian Forces Waste Disposal Sites: 2001-Apr 2007 Federal NDWD

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

National Environmental Emergencies System (NEES): 1974-2003 Federal NEES

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

National PCB Inventory: 1988-2008 Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. All federal out-of-service PCB containing equipment and all PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites.

National Pollutant Release Inventory: 1993-2010 Federal NPRI

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

Oil and Gas Wells: 1988-2012 Private OGW

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

Ontario Oil and Gas Wells: 1800-Feb 2012 Provincial OOGW

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

Inventory of PCB Storage Sites: 1987-Oct 2004 Provincial OPCB

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

Orders: 1994-Mar 2013 Provincial ORD

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

Canadian Pulp and Paper: 1999, 2002, 2004, 2005, 2009 Private PAP

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

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

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

Pesticide Register: 1988-Jun 2012 Provincial PES

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

TSSA Pipeline Incidents: June 2009-Mar 2012 Provincial PINC

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

Private and Retail Fuel Storage Tanks: 1989-1996* Provincial PRT

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

Permit to Take Water: 1994-Mar 2013 Provincial PTTW

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

Ontario Regulation 347 Waste Receivers Summary: 1986-2009 Provincial REC

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

Record of Site Condition: 1997-Sept 2001, Oct 2004-Feb 2013 Provincial RSC

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

Retail Fuel Storage Tanks: 1999-Jun 2010 Private RST

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

Scott's Manufacturing Directory: 1992-Mar 2011 Private SCT

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

Ontario Spills: 1988-Aug 2012 Provincial SPL

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

Wastewater Discharger Registration Database: 1990-2011 Provincial SRDS

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

Anderson's Storage Tanks: 1915-1953* Private TANK

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

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

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

TSSA Variances for Abandonment of Underground Storage Tanks: Current to Oct 2011 Provincial VAR

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

Waste Disposal Sites - MOE CA Inventory: 1970-Mar 2013 Provincial WDS

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

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

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

Water Well Information System: 1955-2011 Provincial WWIS

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

Definitions

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

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

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

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, within the report search radius, and the surrounding area outside the search radius.

'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 upside down triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

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

APPENDIX D

RECORDS OF CORRESPONDENCE

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

October 15, 2014

Sarah Christner
Premier Environmental
244 Montrose St N, Uint 1 Upper
Cambridge, ON N3H 2H7

Dear Sarah Christner:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2014-05646, Your Reference 614078

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 4063 Upper Middle Rd, Burlington.

After a thorough search through the files 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, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is $30.00 for 1 hour of search time @ $30.00 per hour. **We have applied the $30.00 for this request from your initial payment.**

To conduct a search of the files of the Environmental Approvals Branch requires an additional 8 hours of search time. If you would like us to search for Certificates of Approval, **please forward to me at the above address payment by cheque (made payable to the "Minister of Finance (FOI)") or credit card in the amount of $240.00.** Credit card forms are available on the Ministry's website http://www.ontario.ca/environment-and-energy/freedom-information-request-form-credit-card-form. Please note that there is no guarantee that any records will be located. 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.

When remitting payment please quote our file number or attach a copy of this letter.

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 Ayesha Kapadia at 416-212-8912.

Yours truly,

Heidi Ritscher
FOI Manager

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

September 26, 2014

Sarah Christner
Premier Environmental
244 Montrose St N, Uint 1 Upper
Cambridge, ON N3H 2H7

Dear Sarah Christner:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2014-05646, Your Reference 614078

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of $5.00 (non-refundable application fee), along with your $30.00 deposit.

The search is being conducted on the following: 4063 Upper Middle Rd, Burlington. If there is any discrepancy please contact us immediately.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search and preparation time and photocopying.

If you have any questions regarding this matter, please contact Ayesha Kapadia at 416-212-8912.

Yours truly,

for Heidi Ritscher
FOI Manager

PREMIER
ENVIRONMENTAL SERVICES INC

244 Montrose Street North
Cambridge, Ontario N3H 2H7
Phone 519.653.7140 Fax 519.653.8907

FAX TRANSMITTAL

TO:	Freedom of Information Office
COMPANY:	Ministry of the Environment
FAX #:	416-314-4285
PAGES:	3 (including cover)
FROM:	Sarah Christner
TOPIC:	Freedom of Information Request
DATE:	September 25, 2014
cc:	schristner@premiercorp.ca

Attached is the FOI Request application form and credit card fee form.

Thank you,

Sarah Christner

THE INFORMATION CONTAINED IN THIS FAX IS CONFIDENTIAL INTENDED ONLY FOR THE USE OF THE ADDRESSEE. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, COMMUNICATION OF THIS MATERIAL IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS FACSIMILE IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE, COLLECT IF NECESSARY AND RETURN THE ORIGINAL TO US AT THE ABOVE ADDRESS VIA CANADA POST. THANK YOU.

Ontario Ministry of the Environment

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Company Name, Mailing Address and Email Address of Requester Sarah Christner Premier Environmental services Inc. Email address: 244 Montrose St. N. Unit 1 Upper, cambridge, ON, N3H 2H7 schristner@premiercorp.ca			FOI Request No.	Date Request Received
			Fee Paid ☐ ACCT ☐ CHQ ☐ VISA/MC ☐ CASH	
Telephone/Fax Nos. Tel. 519 653 7140 Fax 519 653 8907	Your Project/Reference No. 614078.CE	Signature/Print /Name of Requester SC	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA	

Request Parameters

Municipal Address / Lot, Concession, Geographic Township **(Municipal address essential for cities, towns or regions)**
4063 Upper Middle Road, Burlington, ON

Present Property Owner(s) and Date(s) of Ownership
Reid Heritage Homes

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s),(if applicable)

Search Parameters *Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.*	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ➤ Owner AND tenant information must be provided	All
Waste Generator number/classes	All

Certificates of Approval ➤ Proponent information must be provided

1985 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number(s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, reports, etc.

	SD	Specify Year(s) Requested
air - *emissions*		All
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*		All
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*		All
waste water - *industrial discharges*		All
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator sites*		All
waste systems - *PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste*		All
pesticides - *licenses*		All

A $5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is $30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of $30.00.

FAX #:	416-314-4280
PAGES:	3 (including cover)
FROM:	Sarah Christner
TOPIC:	Freedom of Information Request
DATE:	September 25, 2014
cc:	schristner@premiercorp.ca

Attached is the FOI Request application form and credit card fee form.

Thank you,

Sarah Christner

THE INFORMATION CONTAINED IN THIS FAX IS CONFIDENTIAL INTENDED ONLY FOR THE USE OF THE ADDRESSEE. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, COMMUNICATION OF THIS MATERIAL IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS FACSIMILE IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE, COLLECT IF NECESSARY AND RETURN THE ORIGINAL TO US AT THE ABOVE ADDRESS VIA CANADA POST. THANK YOU.

TRANSMISSION VERIFICATION REPORT

TIME : 09/25/2014 13:57
NAME : PREMIER ENV SVCS INC
FAX : 5196538907
TEL : 5196537140
SER.# : 000HIN942209

DATE,TIME	09/25 13:56
FAX NO./NAME	14163142285
DURATION	00:00:50
PAGE(S)	03
RESULT	OK
MODE	STANDARD ECM

From: squibell@tssa.org on behalf of Public Information Services <publicinformationservices@tssa.org>
Sent: Thursday, September 25, 2014 2:13 PM
To: Sarah Christner
Subject: Re: Burlington

Hi Sarah,

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives 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.

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

Thank you and have a great day!

Regards,

Sarah Quibell
Public Information Services

TECHNICAL STANDARDS & SAFETY AUTHORITY
"Putting Public Safety First"
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, ON M8X 2X4

www.tssa.org
Toll-Free: 1-877-682-8772

On Thu, Sep 25, 2014 at 1:53 PM, Sarah Christner <schristner@premiercorp.ca> wrote:

Hello,
We are conducting a Phase I Environmental Site Assessment of the following Burlington property and request your input.
The municipal address for the property of interest is:

- 4063 Upper Middle Road, Burlington, Ontario

We are interested in any current or previously registered fuel storage tanks on or near the property.

Please do not hesitate to contact me should you have any questions.

Thank you,

Sarah Christner
Premier Environmental Services Inc.
244 Montrose St. N.
Cambridge, ON, N3H 2H7
Office: 519-653-7140 x292
Cell: 519-503-8433
Fax: 519-653-8907
Email: schristner@premiercorp.ca

Statement of Confidentiality: This email and any attachments transmitted with it are confidential and intended solely for the use of the individual or entity to which they are addressed. The information contained in this email is highly confidential and may be subject to legally enforceable privileges. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that any disclosure, reliance, copying, distribution, dissemination or use of any of the information contained in or attached to this transmission is STRICTLY PROHIBITED. If you have received this communication in error, please notify Premier Environmental Services Inc. immediately by replying to this email. Please delete all copies of this message and any attachments immediately.

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.

APPENDIX E

QUALIFICATIONS OF SITE ASSESSORS

QUALIFICATIONS OF SITE ASSESSORS

Kyla Hoyles, P.Geo., QP_{ESA}

Kyla is a Professional Geoscientist with specializing in Phase I and Phase II Environmental Site Assessments, Risk Assessments, Soil and Groundwater Remediation and Records of Site Condition. She has conducted, supervised and trained staff on all stages of the Phase I and II Environmental Site Assessment process, assessing well over 300 properties. In the process Kyla has assisted a wide variety of clients in making pre-purchase decisions, delineating soil and groundwater impacts, achieving regulatory compliance, and filing Records of Site Condition (RSC).

Kyla conducted the visit, reviewed the Phase I ESA report and acted as Qualified Person (QP) for the assessment.

Sarah Christner, B.Sc., Environmental Scientist

Sarah is an Environmental Scientist with experience in Phase I & II Environmental Site Assessment research and support, environmental fieldwork, Environmental Impairment Liability Insurance Risk Assessments, and report writing. Sarah has gained this experience while working at Premier and through obtaining her degree from the University of Waterloo.

Sarah wrote the report.

APPENDIX F

STATEMENT OF LIMITATIONS

STATEMENT OF LIMITATIONS

A Phase I Environmental Site Assessment Update is conducted to permit formulation of an opinion as to the potential for environmental risks associated with a property. This report was prepared for the sole benefit of Reid Heritage Homes. The City of Burlington and Region of Halton may also rely on this report for the purposes of processing the zoning / development application submitted by Springfield Construction Ltd. for the site. This report may not be relied upon by any other person or entity without written authorization of Premier Environmental Services Inc. (Premier).

Any conclusions or recommendations made in this report were developed in accordance with currently accepted engineering standards and practices and reflect Premier's judgment based upon the following limited investigations: visual site inspection conducted on September 8, 2014; examination of public records; and interviews with individuals knowledgeable about the site. While efforts have been made to substantiate information provided by third parties, Premier makes no representation or warranty as to its completeness or accuracy. As a result, this report does not guarantee that the site is free of hazardous or potentially hazardous material or conditions, or that latent or undiscovered conditions will not become evident in the future. Since site activities are beyond Premier's control, and can change at any time after the completion of this assessment, the observations, findings, and opinions can be considered valid as of the date hereof.

The scope of this report is limited to the matters expressly covered. The scope of services performed in the execution of this investigation may not be appropriate to satisfy needs of others, and any use or reuse of this document or the findings, conclusions, or recommendations represented herein is at the sole risk of said users.