Phase One Environmental Site Assessment
2155 Country Club Drive, Areas A & B
Burlington, Ontario

Prepared For:

Millcroft Greens Corporation

Prepared By:

DS Consultants Ltd.

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DS CONSULTANTS LTD.
6221 Highway 7, Unit 16
Vaughan, Ontario, L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

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1.0 EXECUTIVE SUMMARY

DS Consultants Ltd. (DS) was retained by Millcroft Greens Corporation. to complete a Phase One ESA of the property located at 2155 Country Club Drive, Burlington, Ontario (Phase One Property or the Property), referred to as Areas A & B. The Property is currently used for commercial purposes (Millcroft Golf Course).

The Phase One Property is a part of a larger parcel that has been used for commercial purposes (Millcroft Golf Course). In this report the Property refers to the golf course portion of the parcels located to the south of Millcroft Park Drive only, referred to as Areas A & B as seen in Figure 1.

DS understands that the Property under review will be redeveloped for residential purposes and this Phase One ESA was requested for due diligence purposes and to support the future development to a more sensitive land use, in accordance with Ontario Regulation (O. Reg.) 153/04, as amended.

The Phase One ESA was completed in general to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended).

The Phase One ESA involved the following main tasks:

- A records review of historical site use and activities for the Phase One Property and for the areas within approximately 250 m;
- Interviews with available individuals having knowledge of current and/or historical site activities;
- A reconnaissance inspection of the Property; and
- Evaluation of the information and documentation.

The following is a summary of the findings of the Phase One Environmental Assessment:

- The Phase One Property covers an area of 9.48 ha (approximately 28.5 acres) and is currently operated as two holes of the Millcroft Golf Course.
- The Property is bounded to the north to Millcroft Park drive, to the south to Upper Middle Road, to the west by Country club Drive and to the southeast by CNR. The Property is split into west (Area A) and east (Area B) portions by Hadfield Court. Based on information obtained through the records review, prior to the construction of the golf course in the late 1980s, the Property appeared to be mainly undeveloped or used for agricultural purposes.
- The Property has been owned by private individuals from 1816 to 1973, by Monarch Construction Limited from 1973 to 2006 and by the current owner, 2079610 Ontario Ltd., since 2006.
- A tributary of Appleby Creek is located to the west and runs through the adjacent lands south of the Property.
- The golf course has an uneven elevation. Fill materials of unknown quality may have been used in designing the golf course.

- The Property is surrounded by properties used as residential, commercial, open space and CNR railway tracks. Potential environmental impacts from these properties on the Phase One Property are anticipated to be low with the exception of the adjoining railway tracks (historically cinder was us for construction of railways).

The following Table provides Areas of Potential Environmental Concern:

APEC[1]	Location of APEC on Phase One Property	PCA	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC #1 Use of possible Pesticides	Entire Property	PCA# 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	OC pesticides	Soil, Ground water
APEC #2 Use of fill materials	Entire Property	PCA#30. Importation of Fill Material of Unknown Quality	On-Site	Metals and inorganics	Soil, Ground water
APEC #3 Presence of CNR	Southeast of the Property	PCA#46. Rail Yards, Tracks and Spurs	Off-Site	PAHs	Soil

Note:
1. Area of potential environmental concern (APEC) means the area on, in or under the Phase One Property where one or more contaminants are potentially present.

Based on the above noted potential contaminating activities, DS recommends a subsurface soil and ground water investigation (Phase Two ESA) to assess the quality of soil and ground water at the Property.

Based on future use of the Property to residential land use, the filing of a Record of Site Condition with the MECP is required. The RSC cannot be filed on the basis of the Phase One ESA due to presence of areas of potential environmental concern identified in this Phase One ESA.

Phase One Property information obtained through historical records and databases reviewed as part of this investigation are subject to the nature and accuracy of the records provided to DS. As a result of changes or additional details within these records or databases the conclusions of this Phase One ESA may be affected.

Information used in this report was evaluated based on proximity to the Phase One Property, anticipated direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of potentially contaminating activities.

It should be noted that general environmental management and housekeeping practices were reviewed as part of this assessment with respect to their impact on the environmental condition of the Property;

however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

The QP has determined that the uncertainty does not affect the validity of the Phase One ESA Conceptual Site Model or the conclusions of this report. The Phase One Conceptual Site Model has been presented in Figure 4.

The results of this investigation are subject to review pending receipt of any outstanding regulatory responses. In the event that an issue of concern is identified, DS will provide additional comment and identify any requirement for additional work.

It is our opinion that the absence of information, specifically any outstanding responses from the regulatory agencies, will not significantly affect the validity of the findings of the Phase One ESA.

2.0 INTRODUCTION

DS Consultants Ltd. (DS) was retained by Millcroft Greens Corporation to complete a Phase One Environmental Site Assessment (ESA) of the property located at 2155 Country Club Drive, Burlington, Ontario (Phase One Property or the Property), referred to as Areas A & B. The Property is currently used for commercial purposes (Millcroft Golf Course).

Millcroft Golf Course covers an area within south of Dundas Street and north of Upper Middle Road in Burlington. The Millcroft Golf Course is situated mainly within a residential neighbourhood and located to the northeast of the intersection of Country Club Drive and Upper Middle Road. The Property under review is comprised of two of the holes associated with Millcroft Golf Course. The "west hole" is considered Area A, while the "east hole" is considered Area B. The Property is part of a larger parcel operated by Millcroft Golf Course which also includes a millhouse, and a stormwater management pond.

The Phase One Property in this report refers only to the two holes, denoted as "West Hole" (Area A) and "East Hole" (Area B) separated by residential houses located along Hadfield Court, although the Phase One Study Area and records searches were set at a 250 m radius around the property under review. The Property Location is shown in Figure 1.

DS understands that the Property will be redeveloped for residential purposes and this Phase One ESA was requested for due diligence purposes and to support the filing a Record of Site Condition (RSC) with the Ministry of Environment, Conservation and Parks (MECP) to support the future development to a more sensitive land use, in accordance with Ontario Regulation (O. Reg.) 153/04, as amended.

The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended).

2.1 Phase One Property Information

The information regarding the legal description, PIN, address and zoning for the Phase One Property (east and west holes is provided in the following Tables:

West Hole/Area A

Phase One Property	Information	Source
Legal Description	PT Lot 8 Con 1 SDS Pt 1, 20R9030 Block 107 Plan 20M414	Land Registry Office
Property Identification Number (PIN)	07182-0254 (LT)	Land Registry Office
Municipal Address	2155 Country Club Drive	City of Burlington, online information
Zoning	O1 (open space)	City of Burlington, online information (Map No. 24 – Zoning Map)

East Hole/ Area B

Phase One Property	Information	Source
Legal Description	Block 108 Plan 20M414	Land Registry Office
Property Identification Number (PIN)	07182-0255 (LT)	Land Registry Office
Municipal Address	2155 Country Club Drive	City of Burlington, online information
Zoning	O1 (open space)	City of Burlington, online information (Map No. 24 – Zoning Map)

Contact information for the owner of the Phase One Property is provided as follows:

Property Owner	Address	Contact Name	Source
2079610 Ontario Limited	2155 Country Club Drive Burlington Ontario Canada L7M 4A8	Mr. Ed Liptay Phone: 289-242-0299	Land Registry Office, client

a. Site Description

The Phase One Property is a part of a larger parcel that has been used for commercial purposes. The Phase One Property is an irregular shaped parcel, that covers an area of 9.48 ha (approximately 28.5 acres) and is currently operated as two holes of the Millcroft Golf Course (south of Millcroft Park Drive).

The Phase One Property is located to the north of Upper Middle Road, approximately 0.5 km west of Appleby Line in a mixed residential, commercial and open space area of city of Burlington. Country Club Drive is located to west and CNR railway line is located to the southeast-east of the Property. For discussion purposes, Upper Middle Road at this location is assumed to be aligned in an east-west direction and Country Club Drive and Appleby Line are in a north-south direction.

b. Structures

No structures were present on the Phase One Property (Area A and Area B) at the time of this investigation.

c. Objectives of Investigation

The objectives of the Phase One ESA are:

- To assess the environmental condition of the Phase One Property to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in, or under the Phase One Property.
- To identify potentially contaminating activities within the Study Area (i.e., areas within 250 m of the Property).
- To determine the need for a Phase Two ESA.

- To provide a basis for carrying out any Phase Two ESA
- To identify issues of obvious or potential environmental concern of the Property from the current and historical activities at the Phase One Property and Study Area.

3.0 SCOPE OF INVESTIGATION

The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04, as amended (Phase One ESA requirements). This included:

- A review of records and reports regarding historical and current use, occupancy, and activities for the Phase One Property and for the Phase One Study Area.
- Interviews with available individuals having knowledge of current and/or past site activities.
- An inspection of the Phase One Property and observation of the Study Area.
- Evaluation of the information and documentation of the results of the review.

Sampling and analysis of soil, ground water, or other materials (e.g., construction materials, air) were not carried out as part of the Phase One ESA.

The purpose of the Phase One ESA was to identify, through a non-intrusive investigation, the existence of any significant actual or potential contamination associated with the Property prior to the purchasing of the Property. The results of the Phase One ESA provide a recommendation for the requirement of any further intrusive environmental assessment (Phase Two ESA) to confirm soil or/and ground water conditions at the Property.

The scope of work conducted by DS included the following:

Records Review

Obtained and reviewed the following records, if available for the preparation of the Phase One ESA report:

- Physical setting information such as aerial photographs, topographic mapping, historical maps, and drawings.
- Company records (e.g., site plans, building plans, permit records, production and maintenance records, asbestos surveys, site utility drawings, emergency response and contingency plans, spill reporting plans and records, inventories of chemicals and their usage (e.g. WHMIS), environmental monitoring data, waste management records, inventory of underground and aboveground tanks, environmental audit reports) provided to DS Inc.
- Geological and hydrogeological information in published government maps and/or reports.
- Geological Survey of the Property.

- A review of information on file with EcoLog Environmental Risk Information Services Ltd. (EcoLog ERIS), a commercial database that provides information from numerous private, provincial, and federal environmental databases/registries.
- Fire insurance mapping, municipal directory documentation and available Environmental reports that are pertinent to the Phase One Property.
- Regulatory information, such as Permits or Certificates of Approval (pertaining to activities that may impact the condition of the property), orders, control orders, or complaints related to environmental compliance that may impact the condition of the property, and violations of environmental statutes, regulations, by-laws, and permits that may impact the condition of the property.
- Environmental source information including published and online records from Ministry of the Environment, Conservation and Park (MOECP), Environment Canada, Technical Standards and Safety Authority (TSSA), City of Toronto and Region of Halton.
- The Ontario Ministry of Natural Resources (MNR) Natural Heritage Information Centre database and the Halton Conservation website for information specific to natural areas, such as locations of environmentally sensitive areas or species.

Site Reconnaissance

A site visit comprised of the following:

- Inspecting the Property and observing adjacent properties from the Phase One Property for potential pathways of contamination at the Property and Phase One Study Area.

The site reconnaissance included a review of issues of potential environmental concern, including the following:

1. Identifying the site operations, processes, and waste management currently carried out on the Phase One Property.
2. Identifying neighboring land uses (i.e. sensitive neighbors, as well as potential off-site contamination, which may impact the subject property);
3. Identifying the potable water supply source.
4. Assessment of the potential presence of existing or former above-ground or underground fuel storage tanks (ASTs or USTs).
5. Identifying probable cut and fill operations that may have required fill of unknown quality to be deposited on the subject property.
6. Identification of floor cracks, hydraulic hoists, elevators, sumps, and drains.
7. Identifying visual and suspected areas of surface and subsurface contamination.
8. Assessment of the potential presence of various Designated Substances and building materials including:

a. Friable and non-friable asbestos.
b. Urea formaldehyde foam insulation (UFFI).
c. Chlorofluorocarbons (CFCs) in air conditioning and refrigeration equipment.
d. Polychlorinated biphenyl (PCB)-containing materials and electrical equipment.
e. Lead-based paint.
f. Mould.

9. Identification of wells, pits and lagoons, drainage sumps and floor drains, sewage and wastewater disposal pipelines.
10. Inspection of general site conditions, including topography and drainage, standing water, rights-of-way, presence of underground utilities, evidence of stained or odorous soils and stressed vegetation, and vehicle parking.

Interviews

The objectives of the interview were:

- To obtain information to assist in determining if an area of potential environmental concern exists.
- To identify details of potentially contaminating activities or potential contaminant pathways in, on, or under the Phase One Property.

Key personnel needed to be interviewed and asked questions related to specific site activities such as:

- The nature of site operations.
- Handling and storage of environmentally sensitive products and related wastes.
- Environmental approvals and registrations.
- Knowledge of previous reports related to the environmental condition of the Property.
- Issues related to non-compliance, orders, or charges related to environmental conditions on the Property.

As part of this Phase One ESA, Mr. Ed Liptay, the owner was interviewed as the site representative. The observations recorded during the site visit and the information obtained from the records review are discussed in this report. For this assessment, a representative of DS was provided information from the owner of the Property.

The information acquired from this interview is presented in Section 5.0 of the report.

Documentation and Evaluation of Information

The information obtained from the records review, interviews, and site reconnaissance, was described and evaluated as summarized below:

- Documentation of information, as noted in subsequent sections of the report;

- Description of current and past uses of the Phase One Property;
- Description and discussion of potentially contaminating activities;
- Description of the areas of potential environmental concern;
- Development of a Phase One Conceptual Site Model to illustrate the Phase One Property location, Phase One Study Area, Potentially Contaminating Activities (PCA), and Areas of Potential Environmental Concern (APEC);
- Preparation of summary report of findings and
- Discussion of the need, if any, for further investigation.

4.0 RECORDS REVIEW

4.1 General

4.1.1 Phase One Study Area Determination

The Phase One Study Area was determined by a 250 m offset from the property boundaries, in accordance with O.Reg. 153/04, as amended. The Phase One Study Area set at a 250 m radius from parcel boundary as no heavy industrial properties are currently located within 500 m of the Phase One Property. Properties within the 250 m radius currently consists mainly of residential and commercial use. Furthermore, potentially contaminating activities were identified within the 250 m Phase One Study Area and it is unlikely that potentially contaminating activities beyond 250 m of the Phase One Property would have a detrimental environmental impact on the Phase One Property. As such, the QP_{ESA} has determined based on the information review and site visit, the need to extend the boundary of the study area is not warranted.

Based on information collected during the site reconnaissance inspection, the Study included the following property uses:

Direction	Addresses
North	Residential houses along Millcroft Park Drive
East	Residential houses along Parklane Crescent CNR railway line Commercial plaza northwest corner of Upper Middle Road and Appleby Line
South	Upper Middle Road Commercial properties south of Upper Middle Road
West	Residential houses along Country Club Drive Millhouse and storm water management pond are located to the southwest of the Property and the residential houses along Hadfield Court separated the two holes

The properties within the Phase One Study Area were part of the site investigation and the historical review. Potentially contaminating activities identified during our review are discussed within this report.

The approximate limits of the Phase One Study Area are shown on Figure 2.

4.1.2 First Developed Use Determination

The determination of the first developed use for the Property is based on the review of air photographs, historical maps, records review, and interview.

Based on information obtained through the records review, the Property was developed as a golf course in the late 1980s.

4.1.3 Fire Insurance Plans

Fire insurance plans were prepared between 1875 and 1923 and revised in some areas until the 1970s. A search of Fire Insurance Plans (FIPs) was undertaken at the Metropolitan Toronto Reference Library. FIPs are reviewed to confirm the building construction, occupancy, and potential fire hazardous with details regarding storage tanks, boilers, transformers, electrical room, etc. No FIPs were available for the Phase One Property and the properties located in the Study Area.

4.1.4 Chain of Title

A Chain of Title search for the Property was prepared as part of the Phase One ESA. The property under review included two Property Identification Numbers (PIN). The title search was completed for PIN # 07182-0254 (LT) which covers the West Hole (Area A), and for PIN # 07182-0255 (LT) which covers the East Hole (Area B).

The Chain of Title covered the period from 1816 to the present. The Property was first patented from The Crown to Harvey McKerlie in 1816.

According to the report the Property had been owned by private individuals from 1816 to 1973, by Monarch Construction Limited from 1973 to 2006, and by the current owner, 2079610 Ontario Ltd., from January 2006 to the present. The result of the title search is presented in Appendix B.

4.1.5 Environmental Reports

According to the site representative, no environmental reports were available for the Phase One Property.

4.1.6 Review of Other Historical Information

City directories were reviewed at the Metropolitan Toronto Reference Library. The city directories covered the period from 1959 to 2013 (Vernon's City Directories for Burlington, Ancaster, Stoney Creek, Waterdown and Criss Cross directories). No information for the Property was available prior to 1990. The first available information for the Property was in 1991 city directory, where the Property under municipal address 2155 Country Road Club was listed to be occupied by Millcroft Golf Course. According to the

directories, Upper Middle Road and Appleby Line were developed and occupied by residential houses. No information for the adjoining properties were available from 1966 to 1990. The directories review revealed that the Study Area was developed in the early 1990s and occupied by residential and commercial properties.

According to the directories, the property located at 2010 Appleby Line (Millcroft Plaza) was occupied by a dry cleaner during 2003 to 2013 and the property located at 2180 Itabashi Way was used by Clean and Stich in 2013 as a dry-cleaning depot.

Both properties have been used as a depot facility. Potential environmental impacts from the dry-cleaning depot based on the offsite cleaning services and distance from the Property are not anticipated.

4.2 Environmental Source Information

4.2.1 EcoLog Eris Report

EcoLog Environmental Risk Information Services Ltd. (ERIS) is an organization that maintains and searches various government and private databases for property-related environmental information.

DS contacted EcoLog Environmental Risk Information Services Ltd. (EcoLog ERIS), an environmental database and information service company, to request a search of government and private records for information pertaining to the Phase One Property and Phase One Study Area. EcoLog searched 15 Federal databases, 37 Provincial databases and 10 private databases. A summary of the databases provide by ERIS is provided in the Table below:

Table 4-1: Summary of Environmental Databases Reviewed

Federal Government Source Databases	Private Source Databases
Contaminated Sites on Federal Land; Environmental Effects Monitoring; Environmental Issues Inventory System; Federal Convictions; Fisheries & Oceans Fuel Tanks; Indian & Northern Affairs Fuel Tanks; National Analysis of Trends in Emergencies System (NATES); National Defense & Canadian Forces Fuel Tanks; National Defence & Canadian Forces Spills; National Defence & Canadian Forces Waste Disposal Sites; National Environmental Emergencies System (NEES); National PCB Inventory; National Pollutant Release Inventory; Parks Canada Fuel Storage Tanks; and Transport Canada Fuel Storage Tanks.	Anderson's Storage Tanks; Anderson's Waste Disposal Sites; Automobile Wrecking & Supplies; Canadian Mine Locations; Canadian Pulp and Paper; Chemical Register; ERIS Historical Searches; Oil and Gas Wells; Retail Fuel Storage Tanks; and Scott's Manufacturing Directory.
Provincial Government Source Databases	
Abandoned Aggregate Inventory; Abandoned Mine Information System; Aggregate Inventory;	Inventory of PCB Storage Sites; Landfill Inventory Management Ontario; List of TSSA Expired Facilities;

Borehole; Certificates of Approval; Certificates of Property Use; Commercial Fuel Oil Tanks; Compliance and Convictions; Drill Hole Database; Environmental Activity and Sector Registry; Environmental Compliance Approval; Environmental Registry; Fuel Storage Tank; Fuel Storage Tank – Historic; Inventory of Coal Gasification Plants and Coal Tar Sites; TSSA Historic Incidents; TSSA Incidents; TSSA Pipeline Incidents; TSSA Variances for Abandonment of Underground Storage Tanks;	Mineral Occurrences; Non-Compliance Reports; Ontario Oil and Gas Wells; Ontario Regulation 347 waste Generators Summary; Ontario Regulation 347 Waste Receivers Summary; Ontario Spills; Orders; Permit to Take Water; Pesticide Register; Private and Retail Fuel Storage Tanks; Record of Site Condition; Waste Disposal Sites – MOE 1991 Historical Approval Inventory; Waste Disposal Sites – MOE CA Inventory; Wastewater Discharger Registration Database; and Water Well Information System

The ERIS report indicated that there were 13 listings for the Phase One Property, and 70 listings for the remaining properties within the Phase One Study Area. A copy of the ERIS report has been provided under Appendix C. A summary of the potentially contaminating activities identified in the ERIS report and other pertinent information is provided in the Tables below:

Table 4-2: Summary of ERIS Report Findings for 2155 Country club Drive.

Database	Entry Details
ERIS Historical Searches (EHS)	A Standard ERIS report was requested for the Property in 2009.
Permit to Take Water (PTTW)	7 records for the permit to take water were available. The proposal dates were April 8, 2014, January 15, 2014, April 26, 2011, May 14, 2008, Oct 17, 2007, and twice for June 2, 2016.
Fuel Storage Tank (FST)	2 fuel storage tanks were located on the Property. Both were listed as single wall horizontal AST, hold gasoline, made of steel, have a capacity of 2270, and being active. No information for ASTs installation date was available.
Fuel Storage Tank – Historic (FSTH)	2 historic fuel storage tanks were located on the Property. Both were single wall horizontal AST, hold gasoline, have a capacity of 2270, and were currently active. Both were licensed in 2001 as private, self-serve gas stations.
Water Well Information System (WWIS)	2 listing were available for wells. One was installation of a monitoring well in 2008. Another was an abandoned well with maximum depth of 6.68m, drilled in 2010.

Based on the records review and interview, the ASTs identified in the ERIS Report are located on the portion of Millcroft Golf Club that is located on the further north lands (south of Dundas Street). Based on the distance and using the tanks for fueling the golf carts, potential environmental impacts from these ASTs are not anticipated.

Table 4-3: Summary of ERIS Report Findings for the Phase One Study Area

Database/Date	Entry Details
Permit to Take Water (PTTW)	The Property located at 4399 Upper Middle Road (2079610 Ontario Ltd.) has a permit to take water.
Ontario Regulation 347 Waste Generators Summary (GEN)	Information for the following waste registered sites were available. 4300 Upper Middle Road, was listed by New Alliance Ltd. for liquid wastes such as oil skimmings and sludges, Appleby Dental Hygiene Inc., was registered for pharmaceuticals, pathological wastes), 2010 Appleby Line, occupied by Metro Ontario Pharmacies Ltd., Metro Ontario Inc., was listed for pharmaceuticals, pathological wastes, photoprocessing wastes, 2020 Appleby Line, occupied by Dr. Gesa Kohn-Gould Professional Corp., was listed for pharmaceuticals, pathological wastes, photoprocessing wastes, Orchard Animal Hospital – pharmaceuticals, pathological wastes, photoprocessing wastes), 2030 Appleby Line (Value Village Stores), and 1820 Ironstone Drive (Shipway Stairs Ltd.) were listed as waste generators for graphic art wastes, paint/pigment/coating residues, waste oils and lubricants, Ropak Canada Inc. – petroleum distillates, halogenated solvents, oil skimmings and sludges, waste oils and lubricants).
Certificate of Approval (CA)	Information for 2 sites were available. Mckerlie Crescent/Country Club Drive (973511 Ontario Ltd., issued in 1992 for municipal water and sewage) and Turnberry Road/Bonavista Crescent (Monarch Construction Ltd., issued in 1994 for municipal sewage) were listed as having certificates of approval.
TSSA Historic Incidents (HINC)	Information for 3 incidents were available. 4300 Upper Middle Road (pipeline strike containing natural gas, occurred in 2009) and 2165 Itabashi Way (unit 24 - pipeline strike containing natural gas, occurred in 2006; between units 76 and 77 – release of natural gas vapours, occurred in 2007.) were listed as having historic fuel spills or leaks. Both properties located to the south of the Property.
Ontario Spills (SPL)	Information for 5 spills were available. 4227 Millcroft Park Drive (Burlington Hydro), spill of 5L of transformer oil which caused possible soil contamination, reported in 2003. PUC – cooling system leak of 45L of oil from the transformer to the ground, which was reported to be unlikely to have resulted in soil contamination, reported in 2002 . 2010 Appleby Line (Ainsworth Inc.) spill of 273 kg of Freon (CFC) R404A leaked from a valve, causing confirmed air pollution, occurred in 2011. Spill of 136 kg of refrigerant gas N.O.S. leaked from a valve, causing confirmed air pollution, occurred in 2014

Database/Date	Entry Details
	2001 Atkinson Road (Burlington Hydro Inc.), spill of 2L of transformer oil which was reported to be unlikely to have resulted in soil contamination, reported in 2011
Pesticide Register (PES)	Information for one site was available. The Property located at 2010 Appleby Line (Metro Ontario Inc.) is a vendor for pesticides.
Scott's Manufacturing Directory (SCT)	According to the SCT, 4152 Susan Court (The Marble Shop – other non-metallic manufacturing) and 1820 Ironstone Drive (Pippard Inc.) were listed as manufacturing companies.

Commercial properties used as dental office, supermarket, Value Village store have been located to the south of Upper Middle Road and west of Appleby Line. None of spills were located adjacent to the Property. Environmental impacts from these properties based on the distances from the Property and type of businesses are anticipated to be low.

4.2.2 Environment Canada

The National Pollutant Release Inventory (NPRI) was reviewed as part of this Phase One ESA for information on releases and transfers of pollutants. The NPRI was established in 1992 and is legislated under the Canadian Environmental Protection Act (CEPA 1999). Information also was reviewed from Ecolog ERIS report presented in Appendix C. The Phase One Property and Study Area were not in the listings.

4.2.3 PCB Storage Site Inventory

The MECP, Waste Management Branch, maintains an inventory of PCB storage sites within Ontario, Regulation 11/82(Waste Management -PCB) and Reg. 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 MECP. The Ontario Inventory of PCB Storage Sites (1994, 1995, 1996, 1998, 1999 and 2004) did not list the Property as a PCB storage property. According to the MECP, the Phase One Property and Phase One Study Area were not listed as a PCB storage site.

4.2.4 Environmental Registry

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. 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, Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders.

According to the Environmental Registry the site was registered on July 27, 2016 for golf course irrigation from Mill Pond and the permit was to be expire on December 31, 2018.

No records were found in the environmental Registry for the Phase One Study Area.

4.2.5 Inventory of Coal Gasification Plant Waste Site

The Coal Gasification Plant Waste Sites in Ontario (April 1987) and Intera Technologies Ltd., Inventory of Coal Gasification Plant Waste Sites in Ontario, (April 1987 and November 1988) indicates that the Property had not been used for the gasification of coal. There is no record of historical coal gasification plants or disposal sites for the Property and Study Area.

4.2.6 MECP's Waste Disposal Site Inventory

The Waste Disposal Site Inventory-Ontario-1991 indicated that the Property is not listed as a former waste disposal facility. It should be noted that MECP's Waste Disposal Site Inventory provides listings only up to 1991. No information for the Phase One Property and properties located in the Study Area was available.

4.2.7 Brownfields Environmental Site Registry

Brownfields are lands on which industrial or commercial activity took place in the past and there is the possibility that the lands may be impacted and need to be cleaned up before they can be redeveloped. A Record of Site Condition (RSC) should to be filed in the Environmental Site Registry to protect from environmental liability. The MECP Brownfields Environmental Site Registry (BESR) indicates no record of the Phase One Property and the properties located in the Study Area.

4.2.8 Ministry of the Environment - Freedom of Information

A request was submitted to the MECP Freedom of Information and Protection of Privacy Office (Appendix D) to determine if there were any environmental incidents or violations associated with the subject property; whether any Control Orders have been issued; whether there have been any other environmental concerns associated with the property such as complaints, inspections, etc.; whether any environmental investigations have been carried out regarding the subject property; and, to determine if the Ministry's Spills Action Centre's (SAC's) files contain any reported spills that had occurred in the site vicinity. Note that the SAC's database dates back only to 1988 and many of the occurrences on file have only been reported voluntarily. In addition, the MECP was requested to search their files (all years) regarding the following parameters: air emissions, water, sewage, wastewater, and pesticides.

Files pertinent to this investigation would include, though are not limited to: regulatory permits, records; material safety data sheets; underground utility drawings; inventories of chemicals, chemical usage and chemical storage areas; inventory of aboveground storage tanks and underground storage tanks; monitoring data, including those done at the request of the MECP; historical and current waste management, receiver and generator records; process, production, and maintenance documents related to areas of potential environmental concern; spills/discharge records; emergency and contingency plans; environmental audit reports; site plan of facility showing areas of production and manufacturing.

A response from the MECP was received on September 20, 2018. After a thorough search of Ministry's Halton Peel District Office, Investigations and Enforcement Branch, Environmental Monitoring and

Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, records regarding a permit to take water in 2015 were provided (Appendix D).

MECP databases containing records of historic spills, orders, and complaints were also searched through EcoLog ERIS. A summary of the search results is presented in Section 4.2.1.

4.2.9 Waste Management Records

DS reviewed the Hazardous Waste Information Network (HWIN), 2004, available on the Ministry of Environment website. A review of the HWIN online database indicated that the Property was not registered with the MECP as a waste generator site. Information for the Study Area is provided in ERIS report (Appendix C).

4.2.10 Technical Standards and Safety Authority

The Technical Standards and Safety Authority (TSSA) maintain records related to storage tanks for petroleum related products. The TSSA was contacted to review records related to the Property and Study Area (Appendix D). A response from TSSA was received on June 19, 2018. According to Ms. Gaya of TSSA, the property located at 2155 Country Club Drive is private fuel outlet and includes two (2) tanks. Information for a property located at 2010 Appleby was also available that was listed with TSSA. The following table summarizes the information:

ID	Item	Address	City	Postal Code	Status
10333845FS	Private Fuel Outlet - Self Serve	2155 Country Club Drive	Burlington, ON	L7M 4A8	Active
11640060FS	Liquid Fuel Tank	2155 Country Club Drive	Burlington, ON	L7M 4A8	Active
11640081FS	Liquid Fuel Tank	2155 Country Club Drive	Burlington, ON	L7M 4A8	Active
25950163FS	Cylinder Exchange	2010 Appleby Line	Burlington, ON	L7L 6M5	Active

The Phase One Property includes no structures and no fuel tanks. The above noted information is for the golf course that includes a maintenance building and located to the north of the Property, south of Dundas Street. 2010 Appleby Line is occupied by Metro Supermarket and includes a cylinder exchange service. Potential environmental impacts from above noted information on the Phase One Property are not anticipated.

4.2.11 Areas of Natural Significance

The following databases were reviewed to determine if any Areas of Natural Significance are present on the Phase One Property or within the Phase One Study Area:

I. An area reserved or set apart as a provincial park or conservation reserve under the *Provincial Parks and Conservation Reserves Act, 2006*.

II. An area of natural and scientific interest (life science or earth science) identified by the Ministry of Natural Resources as having provincial significance.

III. A wetland identified by the Ministry of Natural Resources as having provincial significance.

IV. An area designated by a municipality in its official plan as environmentally significant, however expressed, including designations of areas as environmentally sensitive, as being of environmental concern and as being ecologically significant.

V. An area designated as an escarpment natural area or an escarpment protection area by the Niagara Escarpment Plan under the *Niagara Escarpment Planning and Development Act*.

VI. An area identified by the Ministry of Natural Resources as significant habitat of a threatened or endangered species.

VII. An area which is the habitat of a species that is classified under section 7 of the *Endangered Species Act, 2007* as a threatened or endangered species.

VIII. Property within an area designated as a natural core area or natural linkage area within the area to which the Oak Ridges Moraine Conservation Plan under the *Oak Ridges Moraine Conservation Act, 2001* applies.

IX. An area set apart as a wilderness area under the *Wilderness Areas Act*.

The Phase One Property includes no areas of Natural Significance. A tributary of Appleby Creek is located to the west of the Property.

4.2.12 Areas of Natural and Scientific Interest

The Ontario Ministry of Natural Resources identifies Areas of Natural and Scientific Interest (ANSIs) throughout the province in addition to wetlands and woodland. The principle behind the recognition of ANSIs is that protecting the most significant features is crucial to maintaining biodiversity, and the conservation of natural heritage. There are two types of ANSIs – Life Science and Earth Science. The Phase One Property was not identified as being located in an ANSI area.

4.2.13 Official Plans

DS reviewed the official plans for the City of Burlington, Official Plans dated 2017 and Halton's Regional Official Plan, dated 2020. The plans are public documents which have been established as a policy framework for public and private sector decisions regarding immediate and long-term land use, transportation, servicing, infrastructure investment and economic matters within the municipality. The following is information regarding the reviewed plans:

- Schedules A - Settlement Pattern of the City, the Property is located in a residential area.
- According to the Schedules B - Comprehensive Land Use -Urban Planning Area of the City, the Property includes Major Parks and Open Space Area.

- According to the Map 1A – Provincial Plan Areas & Land Use Designations of the Region, the Property is located within an urban Area
- According to the Map 1D – Municipal Wellhead Protection Zones, of the Region, the property and Study Area are not within a Municipal Wellhead Protection Zone areas.
- According to the Map 1G – Key Features within the Greenbelt and Regional Natural Heritage Systems of the Region, with the exception of a tributary of Appleby Creek located to the west of the Property, are not included on the Property or within the Study Area.

The reviewed and selected Plans are presented in Appendix D.

4.2.14 Halton Conservation (HC)

According to the HC, the Property is located in the Bronte Creek Watershed. A tributary of Appleby Creek is located to the west of the Property.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs and Historical Mapping

Aerial photographs, dating 1954, 1972, and 1987 and an Ontario Base Map (OBM) from 1982 and Google Earth maps, dating 2002 to 2017 were reviewed for information pertaining to the Phase One Property and Phase One Study Area. The information was reviewed to obtain a record of the development and use of the Phase One Property and properties within Study Area. A summary of each aerial photograph is described in following table:

Reference	Phase One Property	Phase One Study Area
1954 Air Photo	Based on the scale of the aerial photo, detailed description of the Property was not possible, however, the aerial photograph depicts the Phase One Property as undeveloped and used for agricultural purposes. Area covered by trees was observed to the west of the property along Appleby Creek	The area in the vicinity of the Property was used for agricultural purposes. CN railway line was clearly observed to the southeast of the Property. Western property was covered by trees (possible orchard).
1972 Air Photo	No major changes.	No major changes.
1978 Air Photo	No major changes.	No major changes. No pond was observed to the southwest of the Property.
1982 Ontario Base Map	The Property included no structures.	The Study Area appeared to be undeveloped.
2004-2005 Satellite Images	The Property was developed and used as golf course. A pond was observed to the southwest of the Property.	According to the Satellite images, low rise structures were observed in the vicinity of the Property

Reference	Phase One Property	Phase One Study Area
2006 Satellite Image	No major changes	The Study Areas were developed and occupied by industrial type low rise structures similar to the current configurations to the south of Upper Middle Road.
2009 and 2017 Satellite Images	No major changes.	No major changes.

4.3.2 Topography, Hydrology, Geology

According to the online topographic map of the site from http://atlas.gc.ca/toporama/en/index.html the ground surface in the vicinity of the Property is relatively flat and slopes in a southerly direction. The nearest water features are Appleby Creek which flows southeast through the western portion of the subject parcel and Sheldon Creek located about 0.7 km east of the Property. The shallow groundwater flow on the Property is expected to be towards southwest-south towards the tributary of Appleby Creek and eventually towards Lake Ontario.

According to the topographic map, the Property is located at an elevation of approximately 140 m above mean sea level and 70 m above sea level (Lake Ontario). According a survey plan prepared by Randy Pentex & Edward Surveying Ltd., dated August 2018, the surface elevation on the Property ranges between 136 to 144 m above sea level (masl), with approximately 8 m of topographic relief.

According to the geological map entitled “Quaternary Geology, Hamilton Area” Map 2509, published by the Ministry of Northern Development and Mines, dated 1987, the overburden in the region of the Phase One Property consists of Halton Till. This material is generally characterized as a clay to silty-till.

According to the bedrock geology map entitled “Bedrock Geology of Ontario-Southern Sheet” published by the Ministry of Northern Development and Mines, dated 1991, the bedrock in the area consists of Upper Ordovician, Queenston Formation. The Queenston Formation consists of shale, limestone, dolostone and siltstone. It should be noted that the subsurface soil, rock and ground water conditions described above represent generalized conditions only and should not be considered site-specific.

4.3.3 Fill Materials

During the site visit no stockpiles fill materials were noted on the Property. However, the Property has an undulating surface which inferred to have been landscaped for use as a golf course. Fill materials are inferred to have been used for the landscaping on the Property.

4.3.4 Water Bodies and Areas of Natural Significance

A tributary of Appleby Creek is located to the west and south of the West Hole (Area A). A man-made pond is located on the southwestern portion of the subject parcel. There are no lakes or lagoons on the Property. Environmentally Significant Areas are natural areas that have been identified as significant and worthy of protection on three criteria – ecology, hydrology and geology. Municipalities have developed

policies to protect natural heritage features. The Region uses Environmentally Significant Areas as a means to protect natural areas like wetlands, fish habitat, woodlands, habitat of rare species, groundwater recharge and discharge areas, and Areas of Natural and Scientific Interest.

4.3.5 Well Records

Water well records were also searched as part of the EcoLog ERIS database query. Two (2) water wells were identified in the Water Well System for the Phase One Property. One (1) of the listings was for a monitoring well and one (1) was for an abandoned well. Additionally, two (2) wells were located within the Study Area, one (1) was an abandoned well, and one (1) was a domestic supply well from 1968. Information for the EcoLog ERIS report is provided in the Appendix C.

4.4 Site Operating Records

The Phase One Property contains no structures. No operating records were available.

5.0 INTERVIEWS

5.1 Personnel Interviewed

The followings persons were interviewed or provided the required information.

Name	Affiliation	Position
Mr. Ed Liptay	Millcroft Golf Course	Owner
Mr. Patryk Dawidowski	Argo Land Development	Project Manager
Ms. Gaya	TSSA	Coordinator Public Information

5.2 Results of Interview

The following summarizes the information that was provided in response to the questionnaire, based on their knowledge of site activities.

- The Phase One Property has been owned by 2079610 Ontario Ltd. since 2006.
- According Mr. Liptay the Phase One Property was historically used for agricultural purposes.
- The Property has been used as golf course since the late 1980s.
- The Property includes no underground or aboveground storage tanks.
- The golf course located to the north of Millcroft Park Drive, north of the Phase One Property includes a maintenance building with two (2) aboveground storage tanks.
- Mr. Liptay was not aware of any spills on the Property or adjoining properties.
- Mr. Liptay was not aware of any public agency (e.g., the Ministry of the Environment, local municipality, etc.) investigations or citations for the Property pertaining to violation or possible violation of any environmental law or commenced enforcement or clean up action under environmental law with respect to the property.

The evaluation of information regarding the interviews is summarized below:

Interview Conducted By	Dr. Shafi Andseta, Ph.D., P.Geo., QP
Interviewed	The above individuals listed in Section 5.1
Date/location	Above individuals during the preparation of the report via calls and emails, Mr. Liptay, the owner representative on September 14, 2018 via a phone call.
Reason for Selection	Knowledgeable or familiar with Property history for 14 years.
Assessment of information	The information appeared to be sufficient.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

Date of Investigation:	September 6, 2018
Time of Investigation:	9:30 am – 10:30 am
Weather Conditions:	Cloud mix - 27 °C
Duration of Investigation:	~ 1 hour
Was the facility operating?	No
Name and Qualification of Person(s) conducting the assessment:	Dr. Shafi Andseta, Ph.D., P.Geo., QP
Limitations:	None

6.2 Specific Observations at Phase One Property

A visual site inspection was conducted and written, and photographic records were made. The layout of the Property at the time of the site visit is presented in Figure 2. Photographs of the Property and accompanying descriptions are presented in Appendix E.

6.2.1 General Description

A visual site inspection was conducted with written and photographic records being made. The site visit was conducted by Dr. Andseta of DS Consultants. The site visits also included an observation of the Study Area from public access roads. Photographs of the Property and accompanying descriptions are presented in Appendix E.

6.2.2 Building Description

The Property is vacant of structures.

6.2.3 Exterior Site Conditions

The main access to the golf course is from Millcroft Park Drive, from the north of the Property.

6.2.4 Below Ground Structures

The Property includes no below ground structures such as basement.

6.2.5 Above-Ground Storage Tanks

During the site visit, no above-ground storage tanks were observed on the Property.

6.2.6 Underground Storage Tanks

No vent or fill pipes indicative of the historical presence of underground storage tanks were observed on the Property.

6.2.7 Other Storage Containers

No storage containers were observed during the site inspection.

6.2.8 Water Sources

The Phase One Property is located within a mixed residential and commercial area of the City of Burlington. The Properties in the Study Area are connected to the City's water service.

6.2.9 Sewage Works

The properties located in the Study Area are connected to the City's sanitary and storm sewer systems.

6.2.10 Underground Utility and Services

The inspection of the Property indicated the following information related to utility services:

- Overhead hydro was observed along Upper Middle Road and Country Club Drive. Overhead hydro was not observed at the Property. Underground hydro is inferred to be present on the Phase One Property and within the surrounding area.
- Phone and cable services are available for the properties located in the Study Area.
- Catch basins were observed on Country Club Drive and Millcroft Park Drive along the Property's boundary. This indicates the presence of a municipal storm drains in the area.
- A fire hydrant was observed on residential neighbourhoods. This is an indication that the municipal water is available for the properties located in the Study Area.

6.2.11 Building Exit and Entry Points

The Property includes no structures.

6.2.12 Heating and Cooling Systems

The Property includes no heating and cooling systems.

6.2.13 Drains, Pits and Sumps

The Property includes no floor drain/trenches or sump pits.

6.2.14 Hydraulic Equipment

During the site visit, no hydraulic equipment was observed at the Property.

6.2.15 Unidentified Substances

No unidentified substances were noted on the Property.

6.2.16 Staining and Corrosion

During the site visit, no staining or corrosion were noted.

6.2.17 Wells

During the site visit, no water supply wells were observed on the Property.

6.2.18 Ground Surface

The ground surface at the Property is undulating as designed for golfing purposes and covered by maintained grass and some trees.

6.2.19 Railways

The CNR borders the southeast of the Property.

6.2.20 Stained and Odorous Soils

During the site visit, no stained or odorous soil was noted on the observed locations.

6.2.21 Stressed Vegetation

During the site visit, there were no areas of significant stressed vegetation on the Property.

6.2.22 Fill Materials

During the site visit, no stockpiled fill materials were observed at the Property. However, it appears that the fill materials were historically used for landscaping purposes in association with the development of the golf course. The environmental quality of the inferred fill material is currently unknown.

6.2.23 Watercourses, Ditches or Standing Water

The Property includes a tributary of Appleby Creek located along the western boundary of the Property. No ditches were observed at the time of the site reconnaissance. A manmade pond (Mill Pond) is located to the southwest of the Property. The Property includes a certificate of approval for golf course irrigation from this pond.

6.2.24 Air Emissions

No sources of air emissions were observed on the Property.

6.2.25 Roads, Parking Facilities, and Rights-of-Way

The Property is bounded to the north by Millcroft Park Drive, to the south by Upper Middle Road and to the southeast by the CNR railway lines. Appleby Creek is located to the west of the Property. The Property is split into west and east portions by Hadfield Court. Information for easements (provided to the City of Burlington in 1987) are provided in the Title Search (Appendix B).

6.2.26 Asbestos Containing Materials (ACM)

Asbestos and asbestos-containing materials were used as insulation and construction materials until being phased out in the late 1970s.

A brief review of the Property was conducted to assess the potential for designated substances identified in the Occupational Health and Safety Act, Article 18(a). PCB containing materials were addressed in Section 4.2.3. The following comments related to the potential for the presence of asbestos other designated substances as follows:

- acrylonitrile
- arsenic
- benzene
- coke oven emissions
- ethylene oxide
- isocyanates
- lead
- mercury
- silica
- vinyl chloride
- UFFI

The following Table presents information of asbestos and special attention items.

Special Attention Items	Notes
acrylonitrile, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, silica, vinyl chloride	These items were not observed at the Property. The presence of the special attention items in building/construction materials were investigated through observations made by DS and does not necessarily imply adverse impact to the environmental condition of the property.
Asbestos	Asbestos and asbestos-containing materials were used as insulation and construction materials until being phased out in the late 1970s. No buildings exist on the Property.

Polychlorinated Biphenyls (PCBs)	Prior to the mid-to-late 1970s, PCBs were used to manufacture electrical equipment, including fluorescent light ballasts. No buildings are present on the Property.
Lead	The use of lead as a base in paints and plumbing solder was phased out in the late 1970s. No buildings or painted surfaces were observed on the Property.
Ozone Depleting Substances (ODS):	Equipment containing ODS was not observed.
Urea-Formaldehyde Foam Insulation (UFFI)	Urea-Formaldehyde Foam Insulation (UFFI) was introduced in Canada during the 1970s and was banned in 1980. No buildings are present on the Property.
Mercury	Mercury including equipment such as electrical switches or thermostats were not observed on the Property.
Mould	The investigation did not include a mould testing.
Radioactive Materials & Radon Gas	Based on local geological formations in the area, it is unlikely the site is exposed to natural sources of radiation such as radon or uranium. Manmade sources of radioactive materials were not observed during the site inspection. A radiometric survey was not conducted during this investigation.
Herbicides and Pesticides	During the site inspection no material containing herbicides or pesticides were observed. Herbicides/pesticides might have been used as weed controlling products.

6.2.27 Waste Management

City of Burlington's waste management (garbage and recycling) services are available for the properties located in the Phase One Study Area. The waste generated during golfing is managed by private company.

6.2.28 Sodium Adsorption Ratio (SAR) and Electrical Conductivity (EC)

The Property includes boundaries along Upper Middle Road and Millcroft Park Drive with asphalt sidewalks within the fairways that might be subject to de-icing activities. Electrical conductivity (EC) and sodium adsorption ratio (SAR) impacts may exist in the subsurface soils in the vicinity of the roadways (northern and southern property boundaries) or walkways. However, the Property is located at higher elevation from the roads. The possibility of the Phase One Property being impacted from runoff is anticipated to be low.

6.2.29 Potentially Contaminating Activities

The Property has been used for commercial purposes (golf course) since the late 1980s has undulating topography indicative of placement of fill material. The CN railways line is located adjacent to the southeast property boundary. The potentially contaminating activities (PCAs) observed include; the use

of pesticides and herbicides to maintain the grass of the golf course, use of unknown quality fill materials and use of historical cinder for construction of rail lines.

6.2.3 Enhanced Investigation Property

For a Phase One Property to be classified as an Enhanced Investigation Property, the property must be used or have been used in whole or in part for any of the following uses:

- any industrial use,
- as a garage,
- as a bulk liquid dispensing facility, including a gasoline outlet, or
- for the operation of dry-cleaning equipment

The Phase One Property has been used as a golf course and is not considered as an Enhanced Investigation Property.

6.3 Investigation of Phase One Study Area

The following land uses were noted in the adjoining and neighboring properties.

Direction	Addresses
North	Millcroft Park Drive Residential properties located along Millcroft Park Drive. Millcroft Golf Course
East	Residential houses along Parklane Crescent CNR to the southeast of the Property
South	Upper Middle Road Commercial properties located to the south of Upper Middle Road, along Itabashi Way and Appleby Line
West	Appleby Creek Mill Pond (southwest corner) Residential properties located along Country Club Drive
Middle of the Property	Residential properties located along Hadfield Court

The Phase One Property is located in a mixed residential and commercial area of the City of Burlington. The surrounding land uses are not considered to be PCAs, with the exception of the CN railway which is considered to be a PCA based on the inferred placement of cinders at the time of construction of the railway.

6.4 Written Description of Investigation

The site reconnaissance was conducted on September 6, 2018 and included a walk-around the Phase One Property to confirm current conditions and identify any current land uses or activities, which may have or

may cause environmental impacts. The adjoining and neighbouring properties were observed from the Phase One Property and publicly accessible areas.

With the exception of CNR, potentially contaminating activities were not observed on the properties located in the Study Area at the time of the site reconnaissance.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

Current and past uses of the Phase One Property have been determined primarily based on the information provided in the air photographs, topographic plan, chain of title, and conversations with the Property owner. Based on the information, the Property has been used for residential purposes. Summary of Current and Past Uses of the Phase One Property is presented in the following Table.

Table of Current and Past Uses of The Phase One Property
(Refer to clause 16(2)(b), Schedule D, O. Reg. 153/04)

Date	Ownership	Description of Property Use	Property Use	Other Observation from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to 1816	Crown	Undeveloped	Agricultural and other uses	No Records
From 1816 to 1973	Private Individuals	Undeveloped	Agricultural and other uses	According to the aerial photos 1954 and 1972 the Property was undeveloped and used for agricultural purposes.
From 1973 to 2006	Monarch Construction Ltd.	Millcroft Golf Course	Commercial	According to the records search, satellite photos, the property was developed for golfing purpose in the late 1980s
From 2006 to present	2079610 Ontario Ltd.	Millcroft Golf Course	Commercial	Satellite photos and interview

7.2 Potentially Contaminating Activity

According to the Table 2, Schedule D, O. Reg. 153/04 as amended, the potentially contaminating activities (PCAs) are activities that may contribute to areas of potential environmental concern (APECs) on the Phase One Property. The following is the PCAs related to the Property.

Within Phase One Property

1. ***PCA# 40.*** *Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications*
2. ***PCA#30.*** *Importation of Fill Material of Unknown Quality*

Within Phase One Study Area

3. ***PCA#46.*** *Rail Yards, Tracks and Spurs*

A summary of the PCAs identified is presented in table format in Appendix F.

7.3 Areas of Potential Environmental Concern

The following Table summarizes the area of potential environmental concerns (APECs) identified in the Phase One Property based on the PCAs. The potential contaminants of concern were determined based on materials that are likely to be present as a result of the PCAs.

- APEC-1 Entire Property. Historical use of pesticides and herbicides on the golf course.
- APEC-2 Entire Property. Use of fill material of unknown quality
- APEC -3 southeastern portion. Proximity to CNR

7.4 Phase One Conceptual Site Model

The conceptual site model has been based on the information presented in this report.

The following Table provides Area of Potential Environmental Concern:

APEC[1]	Location of APEC on Phase One Property	PCA	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC #1 Historical use of Pesticides/Herbicides	Entire Property	PCA# 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	OC pesticides	Soil, Groundwater
APEC #2 Use of fill materials	Within the Property	PCA#30. Importation of Fill Material of Unknown Quality	On-Site	Metals and inorganics	Soil
APEC #3 Presence of CNR	Southeast of the Property	PCA#46. Presence of railway lines along the southeastern property boundary	Off-Site	PAHs	Soil
Note: • area of potential environmental concern (APEC) means the area on, in or under the Phase One Property where one or more contaminants are potentially present.					

Source: (Refer to clause 16(2)a, Table 2, Schedule D, O. Reg. 153/04)

Underground Utilities: As previously noted, utilities servicing the Phase One Property are underground and the Property includes no structures. Based on the locations of the services with respect to the issues

of potential environmental concern that have been identified on the Phase One Property, the potential for underground utility trenches to affect contaminant distribution and transport is considered to be low.

Regional and Hydrogeological Information: Section 4.3.2 provides details on the regional geology and hydrogeology. The near surface soil at and in the vicinity of the Phase One Property generally consists of clay to silty till. These are underlain by the Upper Ordovician, Queenston Formation. The Queenston Formation consists of shale, limestone, dolostone and siltstone.

The near surface/shallow ground water flow direction below the Phase One Property is interpreted to be to the southwest-south, towards Appleby Creek and finally towards Lake Ontario.

It is our opinion that the absence of information, specifically any outstanding responses from the regulatory agencies will not significantly affect the validity of the model.

Phase One Property information obtained through historical records and databases reviewed as part of this investigation are subject to the nature and accuracy of the records provided to DS. As a result of changes or additional details within these records or databases the conclusions of this Phase One ESA may be affected.

Information used in this report was evaluated based on proximity to the Phase One Property, anticipated direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of potentially contaminating activities.

Freedom of Information records request was forwarded to the Ministry of Environment. The response from the Ministry revealed a permit to take water in 2005.

It should be noted that general environmental management and housekeeping practices were reviewed as part of this assessment with respect to their impact on the environmental condition of the Property; however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

The QP has determined that the uncertainty does not affect the validity of the Phase One ESA Conceptual Site Model or the conclusions of this report. The Phase One Conceptual Site Model has been presented in Figure 5.

8.0 CONCLUSIONS

8.1 Phase Two Environmental Site Assessment Requirement

Based on the findings of the Phase One ESA, use of the Property as a golf course, potential environmental impacts from this use is low, however, pesticides and herbicides may have been used to maintain the golf course and fill materials have been used for designing the course. The Property is adjacent to CNR. A subsurface soil and ground water investigation (Phase Two ESA) is recommended to confirm soil and ground water quality at the Property.

8.2 RSC Based on Phase One Environmental Site Assessment

Based on future use of the Property to residential land use from commercial (Golf Course), the filing of a Record of Site Condition with the MECP is required. The RSC cannot be filed on the basis of the Phase One ESA due to presence of the three noted areas of potential environmental concerns (APECs) identified by the Phase One ESA findings.

8.3 Signature

The Phase One Environmental Site Assessment has been completed under the direction and supervision of Dr. Shafi Andseta, Ph.D., P.Geo., QP_{RA}. The findings and conclusions presented in this report have been determined on the basis of the information that was obtained and reviewed, and on an assessment of the existing conditions on the Phase One Property and properties within the Phase One Study Area.

This report was prepared for the sole use of Millcroft Greens Corporation and is intended to provide an assessment of the environmental condition on the property located 2155 Country Club Drive, City of Burlington, Regional Municipality of Halton. The information presented in this report is based on information collected during the completion of the Phase One Environmental Site Assessment by DS Consultants Ltd. The material in this report reflects DS Consultants' judgment in light of the information available at the time of report preparation. This report may not be relied upon by any other person or entity without the written authorization of DS Consultants Ltd. The scope of services performed in the execution of this investigation may not be appropriate to satisfy the needs of other users, and any use or reuse of this documents or findings, conclusions and recommendations represented herein, is at the sole risk of said users.

The information and conclusions presented in this report are professional opinions in accordance with generally accepted engineering and scientific practices based on a cursory historical search, visual observations and limited information provided by persons knowledgeable about past and current activities on this site. The work completed as per the scope of work is considered sufficient in detail to form a reasonable basis for the findings presented in this report. As such, DS Consultants Ltd. cannot be held responsible for environmental conditions at the site that was not apparent from the available information.

Should you have any questions regarding the information presented or limitations set in this report, please do not hesitate to contact our office.

DS Consultants Ltd.

Drew Doak, B.Sc.E., P.Eng., QP$_{ESA}$
Environmental Project Manager

Patrick Fioravanti, B.Sc., P.Geo., QP$_{ESA}$
Manager – Environmental Services



9.0 REFERENCES

- Canadian Standards Association (CSA) Document Z768-01 Phase 1 Environmental Site Assessment, Nov. 2001
- Ontario Regulation 153/04 Records of Site Condition — Part Xv.1 of The Act
- Natural Resources Canada Toprama for Google Earth (2011)

  http://glib.com/natural-resources-canada-toporama.htm
- Environment Canada, National Pollutant Release Inventory
- Ontario Ministry of the Environment Hazardous Waste Information Networkhttps://www.hwin.ca/hwin/
- Ontario Ministry of the Environment, Certificate of Approval search
- Ontario Ministry of the Environment, Brownfields Environmental Site Registry https://www.ontario.ca/page/ministry-environment, Conservation and Parks
- MECP Freedom of Information Office
- Ontario Ministry of the Environment, Inventory of Coal Gasification Plan Waste Sites in Ontario, 1987
- Ontario Ministry of the Environment, Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, 1998
- Ontario Ministry of the Environment, Inventory of PCB Storage Sites, 1994-2004
- Waste Disposal Site Inventory, 1991
- Ministry of Ontario, Conservation and Park-Freedom of Information
- Technical Standards and Safety Authority – Fuel Safety Division inquiry
- Ontario Geological Survey, 2013. Quaternary Geology of Ontario. Ontario Geological Survey, scale 1:100,000.
- Ontario Ministry of Northern Development and Ontario Geological Survey, 1991. Bedrock Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2544, scale 1:1,000,000.
- Ontario Ministry of Natural Resources. Quaternary Geology of Toronto and Surrounding Area. Scale 1:100,000. Map number 2204.
- Historical Maps (aerial photos and a 1982 Ontario Base Map)
- City Directories (Vernon's and Criss-Cross) from 2001 back to 1960
- Halton Conservation online mapping
- City of Burlington online-services
- Environmental Risk Information Services (Ecolog ERIS Report)

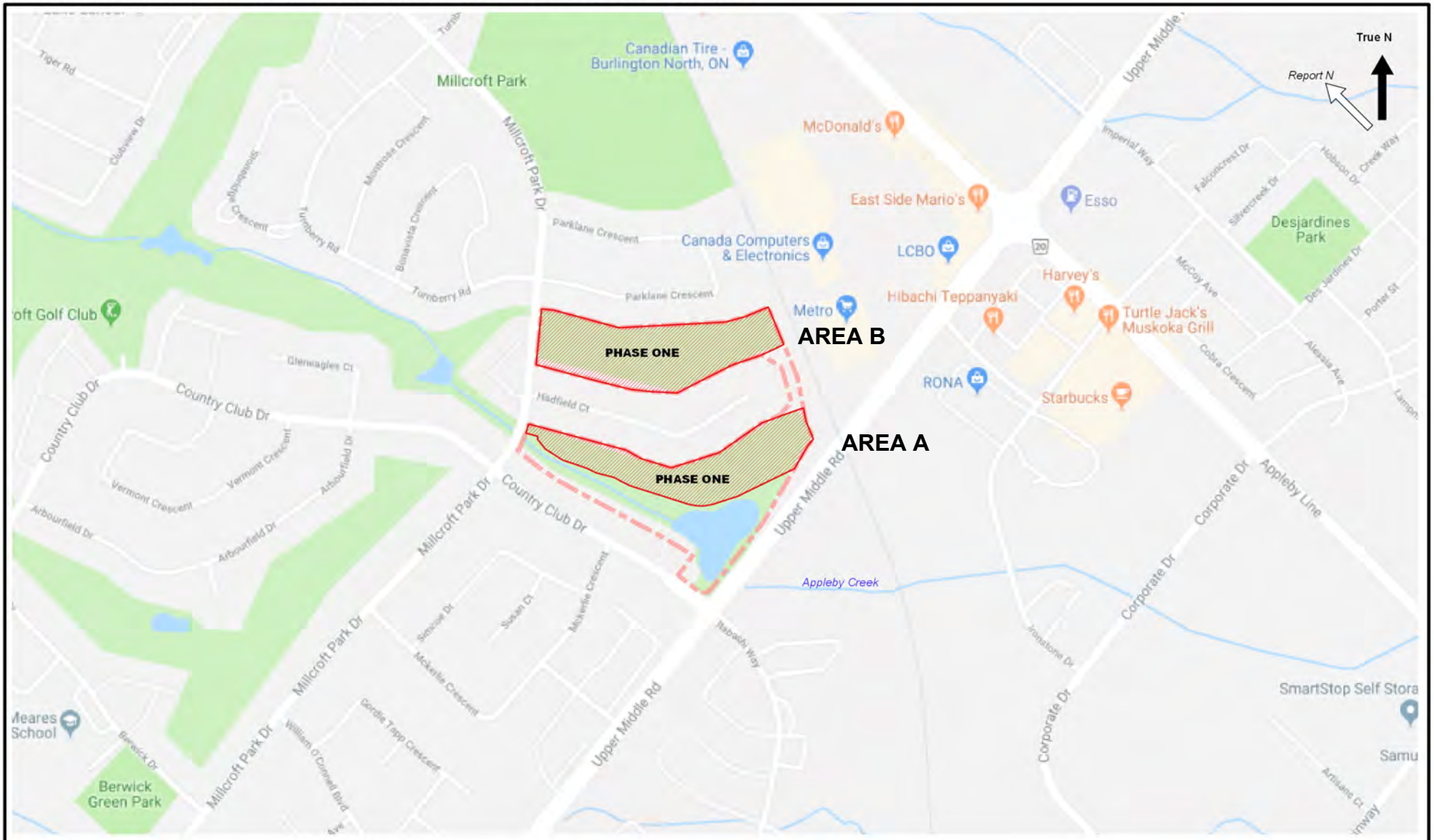
10.0 QUALIFICATIONS OF THE ASSESSOR

Mr. Patrick (Rick) Fioravanti, B.Sc., P.Geo., QP_{ESA}

Mr. Fioravanti is the Manager of Environmental Services with DS Consultants Limited. Patrick holds a Honours Bachelor of Science with distinction in Toxicology from the University of Guelph and is a practicing member of the Association of Professional Geoscientists of Ontario (APGO). Patrick has over eight years of environmental consulting experience and has conducted and/or managed over 100 projects in his professional experience. Patrick has extensive experience conducting Phase One and Phase Two Environmental Site Assessments in support of brownfields redevelopment in urban settings, and been involved in numerous remediation projects, supported many risk assessments, and successfully filed Records of Site Condition with the Ministry of Environment, Conservation and Parks. He has conducted work across southern and eastern Ontario, and Quebec in his professional experience. Patrick is considered a Qualified Person to conduct Environmental Site Assessments as defined by Ontario Regulation 153/04 (as amended).

Figures

J:\-GIS\18-687-20 Millcroft Golf Course_Argo (Millcroft) Ltd\1-QGIS\Phase One\Figure 1 - Phase One Property Location.qgs



Legend

- Phase One Boundary
- Site Boundary

0 125 250 m

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Client: ARGO DEVELOPMENT CORP

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2155 Counrty Club Drive, Burlington, ON

Title: **PHASE ONE PROPERTY LOCATION**

Approved By:	S.A	Drawn By:	S.Y	Date:	November 2018
Scale:	As Shown	Project No.:	18-687-20	Figure No.:	1

J:\-GIS\18-687-20 Millcroft Golf Course_Argo (Millcroft) Ltd\1-QGIS\Phase One\Figure 2 - Phase One Study Area.qgs



Legend

- Phase One Boundary
- Site Boundary
- 250m Buffer

0 150 300 m

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Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Client: ARGO DEVELOPMENT CORP

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2155 Counrty Club Drive, Burlington, ON

Title: **PHASE ONE STUDY AREA**

Approved By:	Drawn By:	Date:
S.A	S.Y	November 2018

Scale:	Project No.:	Figure No.:
As Shown	18-687-20	2

J:\-GIS\18-687-20 Millcroft Golf Course_Argo (Millcroft) Ltd\1-QGIS\Phase One\Figure 3A - PCA Locations.qgs



Legend

- Phase One Boundary
- Site Boundary
- 250m Buffer

0 150 300 m

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Client: ARGO DEVELOPMENT CORP

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2155 Counrty Club Drive, Burlington, ON

Title: **POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)**

Approved By:	Drawn By:	Date:
S.A	S.Y	November 2018
Scale: As Shown	**Project No.:** 18-687-20	**Figure No.:** 3A

J:\-GIS\18-687-20 Millcroft Golf Course_Argo (Millcroft) Ltd\1-QGIS\Phase One\Figure 3B - APEC Locations.qgs



Areas of Potential Environmental Concern
APEC-1 entire property. Historical use of pesticides and herbicides on the golf course.
APEC-2 Entire property. Use of unknown quality fill materials.
APEC -3 southeastern portion. Proximity to CNR

Legend

- Phase One Boundary
- Site Boundary
- 250m Buffer
- APEC 1 & 2
- APEC 3

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6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

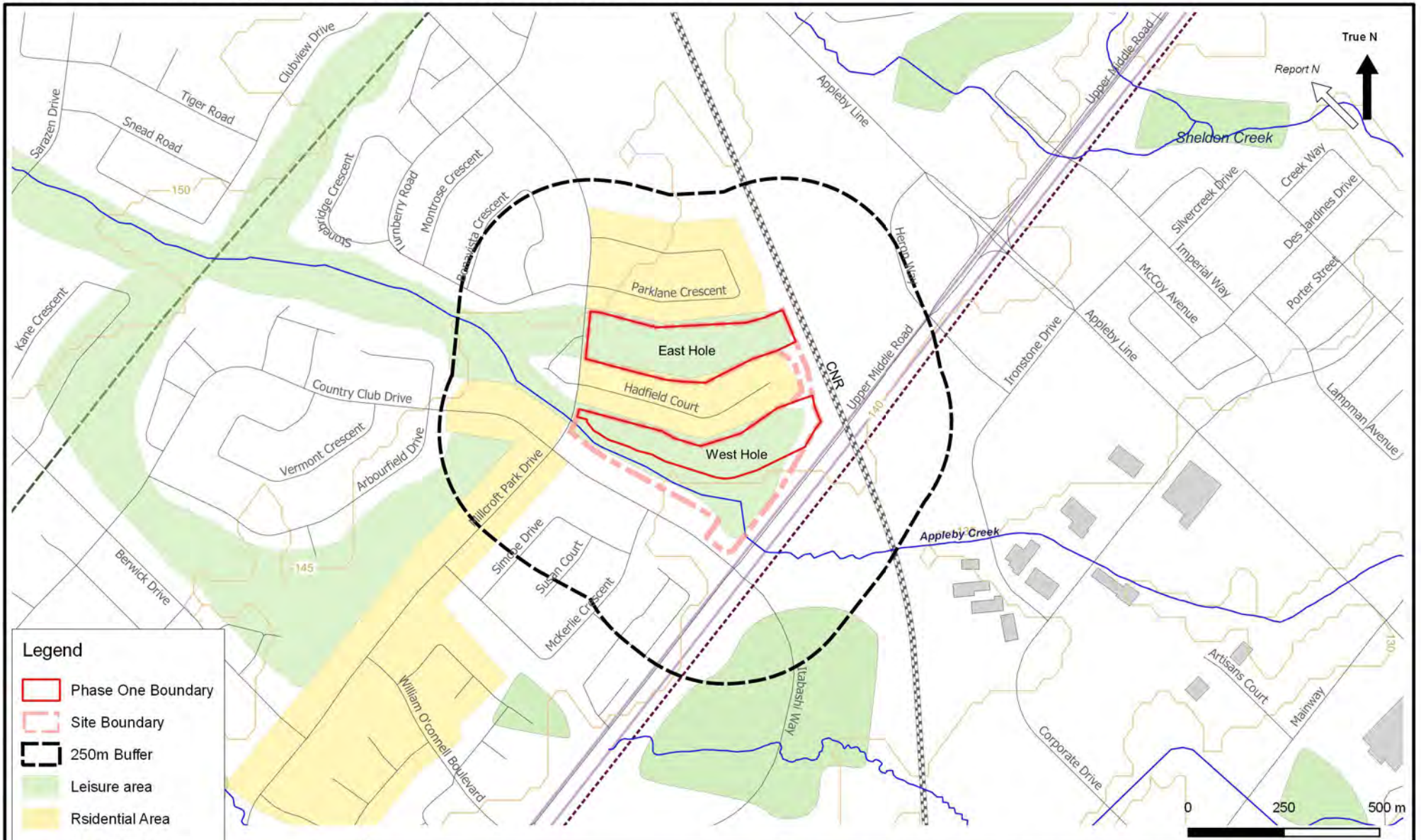
Client: ARGO DEVELOPMENT CORP

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2155 Counrty Club Drive, Burlington, ON

Title: **AREAS OF POTENTIAL ENVIRONMENTAL CONCERN**

Approved By:	Drawn By:	Date:
S.A	S.Y	November 2018
Scale: As Shown	**Project No.:** 18-687-20	**Figure No.:** **3B**

J:\-GIS\18-687-20 Millcroft Golf Course_Argo (Millcroft) Ltd\1-QGIS\Phase One\Figure 4 - Phase One Conceptual Site



DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Client: ARGO DEVELOPMENT CORP

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2155 Counrty Club Drive, Burlington, ON

Title: **PHASE ONE CONCEPTUAL SITE MODEL**

Approved By:	Drawn By:	Date:
S.A	S.Y	November 2018

Scale:	Project No.:	Figure No.:
As Shown	18-687-20	4

Appendix A
Survey Plan

PLAN OF SURVEY OF
BLOCK 107,
PLAN 20M–414
AND PART OF LOT 8,
CONCESSION 1,
SOUTH OF DUNDAS STREET
CITY OF BURLINGTON
REGIONAL MUNICIPALITY OF HALTON

SCALE 1:500

10m 5m 0m 10m 20m 30m 40metres

R–PE SURVEYING LTD., O.L.S.

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

NOTES

■	DENOTES MONUMENT FOUND
□	DENOTES MONUMENT SET
SIB	DENOTES STANDARD IRON BAR
SSIB	DENOTES SHORT STANDARD IRON BAR
IB	DENOTES IRON BAR
SCP	DENOTES SPECIFIED CONTROL POINT
P.I.N.	DENOTES PROPERTY IDENTIFIER NUMBER
PL1	DENOTES PLAN 20M–414
PL2	DENOTES PLAN 20M–413
PL3	DENOTES PLAN 20R–9030
PL4	DENOTES BUILDING LOCATION SURVEY BY DAVID HORWOOD LIMITED O.L.S., PROJECT No. 1700
PL5	DENOTES 20R–8142
PL6	DENOTES 20M–421
PL7	DENOTES BUILDING LOCATION SURVEY BY CARTER HORWOOD LIMITED O.L.S., PROJECT No. 1700
(Y)	DENOTES YATES & YATES LIMITED., O.L.S.
(NI)	DENOTES NOT IDENTIFED

BEARINGS ARE UTM GRID, DERIVED FROM SPECIFIED CONTROL POINTS 04320131653 AND 04319991589, UTM ZONE 17 (NAD–1983: CSRS: CBNV6–2010.0).

COORDINATES ARE UTM ZONE 17 (NAD–1983: CSRS: CBNV6–2010.0), TO URBAN ACCURACY PER SEC. 14 (2) OF O.REG. 216/10, AND CANNOT, IN THEMSELVES, BE USED TO RE–ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

POINT ID	NORTHING	EASTING
SCP 04320131653	4805550.26	597024.13
SCP 04319991589	4805280.68	597958.90

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999702.

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

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

2. THE SURVEY WAS COMPLETED ON THE _____ DAY OF _____ 2021.

DATE _____, 2021

R. DENBROEDER
ONTARIO LAND SURVEYOR

UTM COORDINATES OF CENTROID
NORTHING: 4804826.33
EASTING: 597439.52

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R–PE SURVEYING LTD.
ONTARIO LAND SURVEYORS
643 Chrislea Road, Suite 7
Woodbridge, Ontario L4L 8A3
Tel.(416)635–5000 Fax (416)635–5001
Tel.(905)264–0881 Fax (905)264–2099
Website: www.r–pe.ca

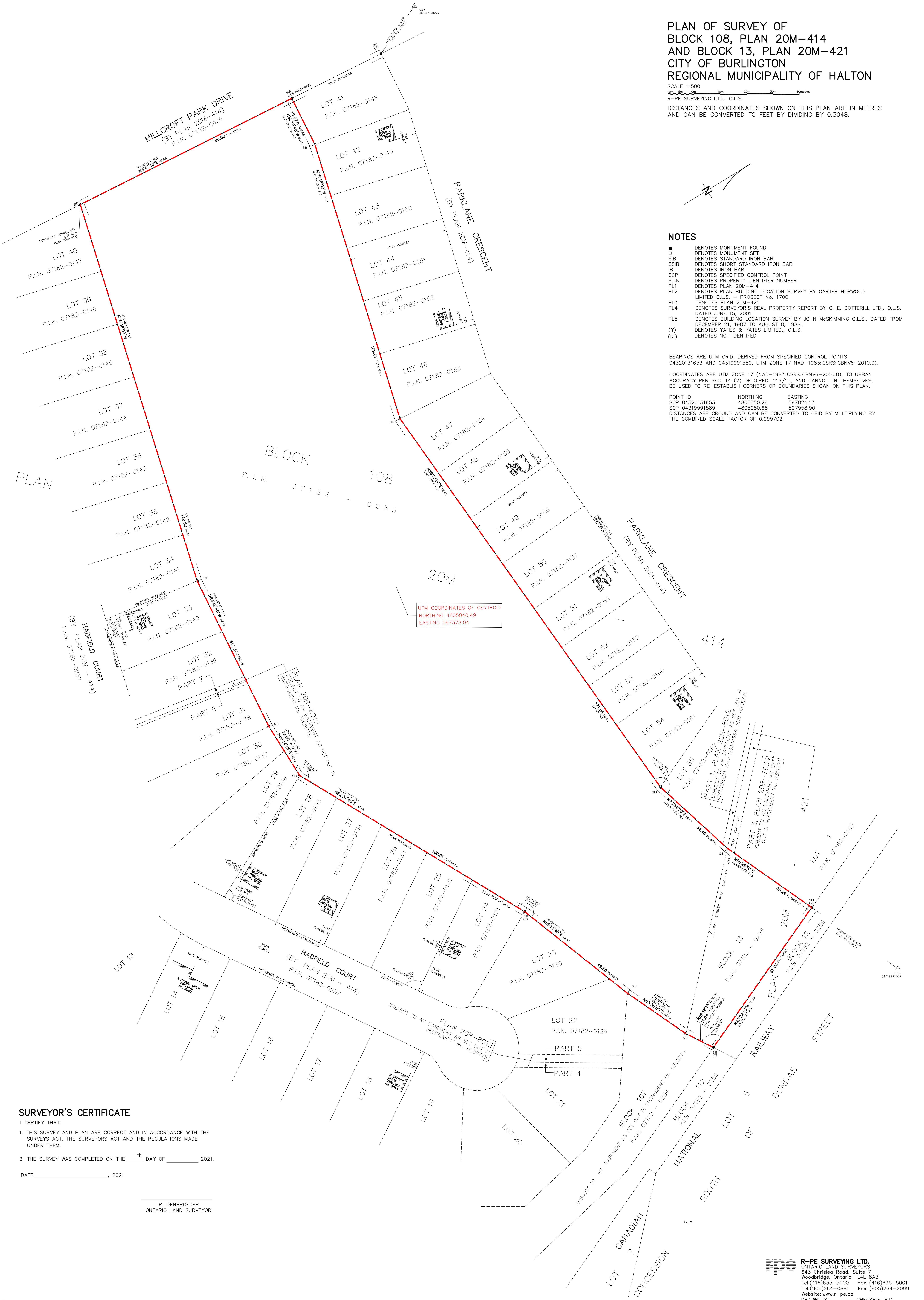
DRAWN: S.L. CHECKED: R.D.
JOB No. 16–073 CAD FILE No.16–073RSC3

PLAN OF SURVEY OF
BLOCK 108, PLAN 20M–414
AND BLOCK 13, PLAN 20M–421
CITY OF BURLINGTON
REGIONAL MUNICIPALITY OF HALTON

SCALE 1:500

R–PE SURVEYING LTD., O.L.S.

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



NOTES

■	DENOTES MONUMENT FOUND
□	DENOTES MONUMENT SET
SIB	DENOTES STANDARD IRON BAR
SSIB	DENOTES SHORT STANDARD IRON BAR
IB	DENOTES IRON BAR
SCP	DENOTES SPECIFIED CONTROL POINT
P.I.N.	DENOTES PROPERTY IDENTIFIER NUMBER
PL1	DENOTES PLAN 20M–414
PL2	DENOTES PLAN BUILDING LOCATION SURVEY BY CARTER HORWOOD LIMITED O.L.S. – PROSECT No. 1700
PL3	DENOTES PLAN 20M–421
PL4	DENOTES SURVEYOR'S REAL PROPERTY REPORT BY C. E. DOTTERILL LTD., O.L.S. DATED JUNE 15, 2001
PL5	DENOTES BUILDING LOCATION SURVEY BY JOHN McSKIMMING O.L.S., DATED FROM DECEMBER 21, 1987 TO AUGUST 8, 1988..
(Y)	DENOTES YATES & YATES LIMITED., O.L.S.
(NI)	DENOTES NOT IDENTIFED

BEARINGS ARE UTM GRID, DERIVED FROM SPECIFIED CONTROL POINTS 04320131653 AND 04319991589, UTM ZONE 17 NAD–1983: CSRS: CBNV6–2010.0).

COORDINATES ARE UTM ZONE 17 (NAD–1983: CSRS: CBNV6–2010.0), TO URBAN ACCURACY PER SEC. 14 (2) OF O.REG. 216/10, AND CANNOT, IN THEMSELVES, BE USED TO RE–ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

POINT ID	NORTHING	EASTING
SCP 04320131653	4805550.26	597024.13
SCP 04319991589	4805280.68	597958.90

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999702.

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.
2. THE SURVEY WAS COMPLETED ON THE ____th DAY OF __________ 2021.

DATE ______________________, 2021

R. DENBROEDER
ONTARIO LAND SURVEYOR

R–PE SURVEYING LTD.
ONTARIO LAND SURVEYORS
643 Chrislea Road, Suite 7
Woodbridge, Ontario L4L 8A3
Tel.(416)635–5000 Fax (416)635–5001
Tel.(905)264–0881 Fax (905)264–2099
Website: www.r–pe.ca

DRAWN: S.L. CHECKED: R.D.
JOB No. 16–073 CAD FILE No.16–073RSC5

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SKETCH SHOWING ELEVATIONS OF BLOCKS 107 AND 108 PLAN 20M–414 AND BLOCK 13, PLAN 20M–421 CITY OF BURLINGTON REGIONAL MUNICIPALITY OF HALTON

SCALE 1:750

10m 0m 10m 20m 30m 40m 50m 60m 70m 80m 90 metres

RADY–PENTEK & EDWARD SURVEYING LTD., O.L.S.

METRIC

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

LEGEND

INV	DENOTES INVERT ELEVATION
Ø	DENOTES DIAMETER
0.10Ø	DENOTES DECIDUOUS TREE
0.10Ø	DENOTES CONIFEROUS TREE
BMB	DENOTES BELL BOX
MHST	DENOTES MANHOLE STORM WATER
MHSA	DENOTES MANHOLE SANITARY
CB	DENOTES CATCH BASIN
LS	DENOTES LIGHT STANDARD
WV	DENOTES WATER VALVE
MHB	DENOTES MANHOLE BELL
GLB	DENOTES GROUND LEVEL BOX
HV	DENOTES HYDRO VAULT
	DENOTES CONCRETE RETAINING WALL
	DENOTES SAND TRAP

BOUNDARY NOTE

THIS IS NOT A PLAN OF SURVEY. BOUNDARIES ARE COMPILED AND ARE NOT CERTIFIED BY THIS PLAN AND ARE SUBJECT TO CLARIFICATION UPON THE INCORPORATION OF ADDITIONAL DOCUMENTARY AND FIELD SURVEY EVIDENCE.

BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO THE CITY OF BURLINGTON VERTICAL BENCHMARK NUMBER 414 HAVING AN ORTHOMETRIC ELEVATION OF 139.893 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD–1928:1978).

BRASS PLAQUE SET ON SOUTHWEST CORNER OF WING WALL OF CULVERT 0.50M FROM SOUTH END AND 0.13M BELOW TOP OF WALL ON MILLCROFT PARK DRIVE AND APPROXIMATELY 40M EAST OF COUNTRY CLUB DRIVE ON THE SOUTH SIDE OF THE ROAD.

SURVEYOR'S CERTIFICATE

THE FIELD OBSERVATIONS REPRESENTED ON THIS PLAN WERE COMPLETED ON THE 22nd DAY OF AUGUST, 2018.

DATE _____, 2018.

_____
R. DENBROEDER
ONTARIO LAND SURVEYOR

RADY–PENTEK & EDWARD SURVEYING LTD.
ONTARIO LAND SURVEYORS
643 Chrislea Road, Suite 7
Woodbridge, Ontario L4L 8A3
Tel.(416)635–5000 Fax (416)635–5001
Tel.(905)264–0881 Fax (905)264–2099
Website: www.r–pe.ca
DRAWN: A.K. CHECKED: R.D.
JOB No. 16–073 CAD FILE No. 16073tp01

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Appendix B
Title Search

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

PROPERTY DESCRIPTION: PCL BLOCK 108-1 , SEC 20M414 ; BLK 108 , PL 20M414 ; BURLINGTON S/T EASEMENT IN FAV OF LOTS 1, 16, 117 & 119 & PT LTS 8 & 9, CON 1 SDS DES AS PT 2 ON 20R16282 AS IN HR447696 AS IN HR447696.

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
ABSOLUTE

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1996/05/27

OWNERS' NAMES
MILLCROFT GREENS CORPORATION

CAPACITY SHARE
TRST

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 AND DELETED INSTRUMENTS SINCE 1996/05/24 ***						
H291037	1986/11/06	NOTICE			THE REGIONAL MUNICIPALITY OF HALTON	C
	REMARKS: AGREEMENT					
20M414	1987/02/11	PLAN SUBDIVISION				C
H302427	1987/02/19	NOTICE			THE CORPORATION OF THE CITY OF BURLINGTON	C
H302428	1987/02/19	NOTICE			THE CORPORATION OF THE CITY OF BURLINGTON	C
	REMARKS: AGREEMENT					
H321986	1987/07/23	NOTICE			THE CORPORATION OF THE CITY OF BURLINGTON	C
H331068	1987/09/24	NOTICE			THE CORPORATION OF THE CITY OF BURLINGTON	C
H536321	1993/01/15	APL (GENERAL)				C
	REMARKS: PARTIAL RELEASE H302427, H321986					
HR445593	2006/01/11	APL CH NAME OWNER		*** COMPLETELY DELETED *** MONARCH CONSTRUCTION LIMITED	MONARCH CORPORATION	
HR447696	2006/01/18	TRANSFER	$4,600,000	MONARCH CORPORATION	2079610 ONTARIO LTD.	C
HR447697	2006/01/18	APL ANNEX REST COV		MONARCH CORPORATION		C
HR447698	2006/01/18	CHARGE		*** COMPLETELY DELETED *** 2079610 ONTARIO LTD.	MONARCH CORPORATION	
20R16553	2006/01/27	PLAN REFERENCE				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.

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
HR540057	2007/01/15	DISCH OF CHARGE		*** COMPLETELY DELETED *** MONARCH CORPORATION		
	REMARKS: RE: HR447698					
HR1681063	2020/01/29	TRANSFER	$5,000,000	2079610 ONTARIO LTD.	AGRO (MILLCROFT) LIMITED	C
	REMARKS: PLANNING ACT STATEMENTS.					
HR1681064	2020/01/29	CHARGE	$2,000,000	ARGO (MILLCROFT) LIMITED	2079610 ONTARIO LTD.	C
HR1681065	2020/01/29	TRANSFER	$1	2079610 ONTARIO LTD. ARGO (MILLCROFT) LIMITED	MILLCROFT GREENS CORPORATION	C
	REMARKS: PLANNING ACT STATEMENTS.					
HR1734984	2020/10/09	BYLAW DEEM PLNP		THE CORPORATION OF THE CITY OF BURLINGTON		C
	REMARKS: A BY-LAW DEEMING NOT TO BE LOTS AND BLOCKS IN A REGISTERED PLAN FOR THE PURPOSE OF SECTION 50(4) OF THE PLANNING ACT					

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.

CHAIN OF TITLE REPORT

Project #: 19-199-100
Address: e/s Millcroft Park Drive, Milton
Legal Description: Block 108 Plan 20M414

Searched at: Milton
LRO #: 20

PIN #: 07182-0255 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 Acres)	29 02 1816	Crown	**Laney McKERLIE**
642	Deed	12 11 1842	Laney McKerlie	James McKERLIE
644	Deed	12 11 1842	James McKerlie	William McKERLIE
2653	Will	04 05 1880	William McKerlie - Estate	James McKERLIE
5498	Will	28 11 1894	James McKerlie - Estate	Andrew McKERLIE
6728	Deed	15 04 1902	Andrew McKerlie	Sarah Eliza McKERLIE
6851	Deed	30 03 1903	Sarah Eliza McKerlie	Alexander THOMSON
9758	Deed	07 06 1916	Alexander Thomson	Sarah McKERLIE
11483	Deed	08 05 1922	Sarah McKerlie	Harold BINKLEY

Cont'd on Page 2

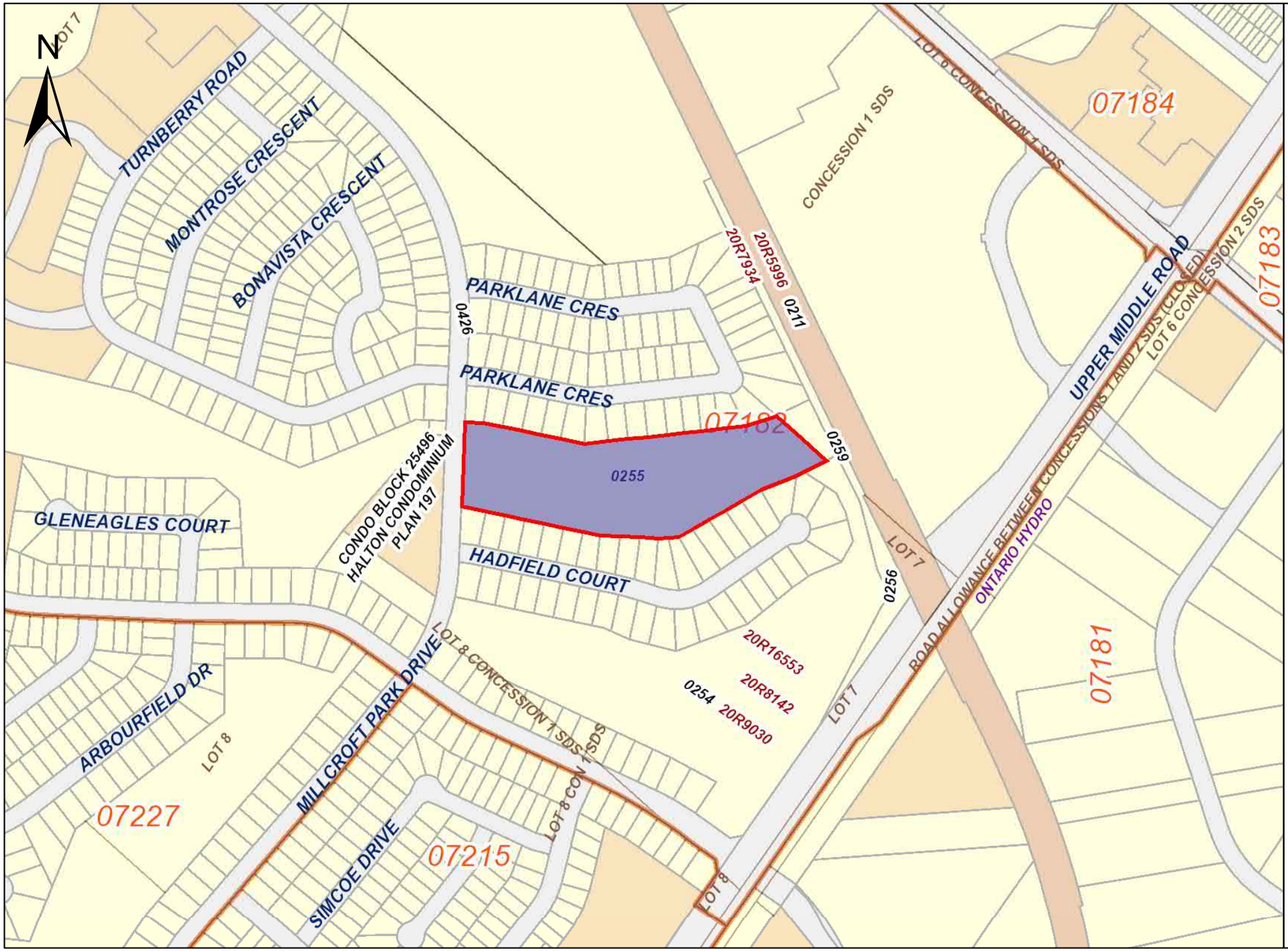
CHAIN OF TITLE REPORT

Project #: 19-199-100
Address: e/s Millcroft Park Drive, Milton
Legal Description: Block 108 Plan 20M414

Searched at: Milton
LRO #: 20

PIN #: 07182-0255 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
13540	Deed	28 12 1924	Harold Binkley	Sarah McKERLIE
13947	Mortgage	14 01 1928	Sarah McKerlie	David Franklin WILLIAMSON (Mortagee)
33193	Deed (Power of Sale)	01 09 1950	David Franklin Williamson (Sarah McKerlie defaulted in Mtg 13947)	Charles LOVE
54123	Deed	02 08 1956	Charles Love	Abraham BLEEMAN
250435	Deed	02 07 1968	Abraham Bleeman	Kelmar Investments Limited
388056	Deed	22 12 1988	Kelmar Investments Limited	Monarch Construction Limited
HR445593	Name Change	11 01 2006	Monarch Construction Limited	Monarch Corporation
HR447696	Deed	18 01 2006	Monarch Corporation	2079610 Ontario Ltd.
HR1681063	Deed	29 01 2020	2079610 Ontario Ltd.	Agro (Millcroft) Limited
HR1681065	Deed **(Present Owner)**	29 01 2020	2079610 Ontario Ltd. Agro (Millcroft) Limited	**Millcroft Greens Corporation**



ServiceOntario

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SCALE

0 30 60 90 120 150
meters

PROPERTY INDEX MAP

HALTON(No. 20)

LEGEND

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

THIS IS NOT A PLAN OF SURVEY

NOTES

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

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

PROPERTY DESCRIPTION: PCL BLOCK 107-2 , SEC 20M414 ; FIRSTLY: ; PT LT 8 , CON 1 SOUTH OF DUNDAS STREET , PART 1 , 20R9030 ; SECONDLY: ; BLK 107 , PL 20M414 , T/W NU38214 ; S/T H308774,H317621 BURLINGTON/NELSON TWP S/T EASEMENT IN FAV OF LOTS 1, 16, 117 & 119 & PT LTS 8 & 9, CON 1 SDS DES AS PT 2 ON 20R16282 AS IN HR447696 AS IN HR447696.

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
ABSOLUTE

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1996/05/27

OWNERS' NAMES
MILLCROFT GREENS CORPORATION

CAPACITY SHARE
TRST

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 AND DELETED INSTRUMENTS SINCE 1996/05/24 ***						
H291037	1986/11/06	NOTICE			THE REGIONAL MUNICIPALITY OF HALTON	C
	REMARKS: AGREEMENT					
H302427	1987/02/19	NOTICE			THE CORPORATION OF THE CITY OF BURLINGTON	C
H302428	1987/02/19	NOTICE			THE CORPORATION OF THE CITY OF BURLINGTON	C
	REMARKS: AGREEMENT					
H308774	1987/04/13	TRANSFER EASEMENT			THE CORPORATION OF THE CITY OF BURLINGTON	C
20R8142	1987/06/19	PLAN REFERENCE				C
H317621	1987/06/25	TRANSFER EASEMENT			THE CORPORATION OF THE CITY OF BURLINGTON	C
H321986	1987/07/23	NOTICE			THE CORPORATION OF THE CITY OF BURLINGTON	C
H331068	1987/09/24	NOTICE			THE CORPORATION OF THE CITY OF BURLINGTON	C
20R9030	1988/12/09	PLAN REFERENCE				C
H408295	1989/06/29	NOTICE			THE CORPORATION OF THE CITY OF BURLINGTON	C
H420401	1989/10/13	TRANSFER		*** COMPLETELY DELETED ***	MONARCH CONSTRUCTION LIMITED	
	REMARKS: AND CONSOLIDATION					
H536321	1993/01/15	APL (GENERAL)				C
	REMARKS: PARTIAL RELEASE H302427, H321986					

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
HR347678	2005/01/04	APL CH NAME OWNER		*** DELETED AGAINST THIS PROPERTY *** MONARCH CONSTRUCTION LIMITED	MONARCH CORPORATION	
HR447696	2006/01/18	TRANSFER	$4,600,000	MONARCH CORPORATION	2079610 ONTARIO LTD.	C
HR447697	2006/01/18	APL ANNEX REST COV		MONARCH CORPORATION		C
HR447698	2006/01/18	CHARGE		*** COMPLETELY DELETED *** 2079610 ONTARIO LTD.	MONARCH CORPORATION	
20R16553	2006/01/27	PLAN REFERENCE				C
HR540057	2007/01/15	DISCH OF CHARGE		*** COMPLETELY DELETED *** MONARCH CORPORATION		
REMARKS: RE: HR447698						
HR1681063	2020/01/29	TRANSFER	$5,000,000	2079610 ONTARIO LTD.	AGRO (MILLCROFT) LIMITED	C
REMARKS: PLANNING ACT STATEMENTS.						
HR1681064	2020/01/29	CHARGE	$2,000,000	ARGO (MILLCROFT) LIMITED	2079610 ONTARIO LTD.	C
HR1681065	2020/01/29	TRANSFER	$1	2079610 ONTARIO LTD. ARGO (MILLCROFT) LIMITED	MILLCROFT GREENS CORPORATION	C
REMARKS: PLANNING ACT STATEMENTS.						
HR1734984	2020/10/09	BYLAW DEEM PLNP		THE CORPORATION OF THE CITY OF BURLINGTON		C
REMARKS: A BY-LAW DEEMING NOT TO BE LOTS AND BLOCKS IN A REGISTERED PLAN FOR THE PURPOSE OF SECTION 50(4) OF THE PLANNING ACT						

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.

CHAIN OF TITLE REPORT

Project #: 19-199-100
Address: n/s Upper Middle Rd & e/s Country Club Dr
Legal Description: Block 107 Plan 20M414
Pt Lot 8 Con 1 SDS, Pt 1 20R9030

Searched at: Milton
LRO #: 20

PIN #: 07182-0254 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 Acres)	29 02 1816	Crown	**Laney McKERLIE**
642	Deed	12 11 1842	Laney McKerlie	James McKERLIE
644	Deed	12 11 1842	James McKerlie	William McKERLIE
2653	Will	04 05 1880	William McKerlie - Estate	James McKERLIE
5498	Will	28 11 1894	James McKerlie - Estate	Andrew McKERLIE
6728	Deed	15 04 1902	Andrew McKerlie	Sarah Eliza McKERLIE
6851	Deed	30 03 1903	Sarah Eliza McKerlie	Alexander THOMSON
9758	Deed	07 06 1916	Alexander Thomson	Sarah McKERLIE
11483	Deed	08 05 1922	Sarah McKerlie	Harold BINKLEY

Cont'd on Page 2

Project #: 19-199-100
Address: n/s Upper Middle Rd & es Country Club Dr
Legal Description: Block 107 Plan 20M414
Pt Lot 8 Con 1 SDS, Pt 1 20R9030

Searched at: Milton
LRO #: 20

PIN #: 07182-0254 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
13540	Deed	28 12 1924	Harold Binkley	Sarah McKERLIE
13947	Mortgage	14 01 1928	Sarah McKerlie	David Franklin WILLIAMSON (Mortagee)
33193	Deed (Power of Sale)	01 09 1950	David Franklin Williamson (Sarah McKerlie defaulted in Mtg 13947)	Charles LOVE
54123	Deed	02 08 1956	Charles Love	Abraham BLEEMAN
250435	Deed	02 07 1968	Abraham Bleeman	Kelmar Investments Limited
H308774	Easement	13 04 1987	Kelmar Investments Limited	The Corporation of The City of Burlington
H317621	Essement	25 06 1987	Kelmar Investments Limited	The Corporation of The City of Burlington
388056	Deed	22 12 1988	Kelmar Investments Limited	Monarch Construction Limited
H420401	Deed	13 10 1989	Monarch Construction Limited	Monarch Construction Limited

Cont'd on Page 3

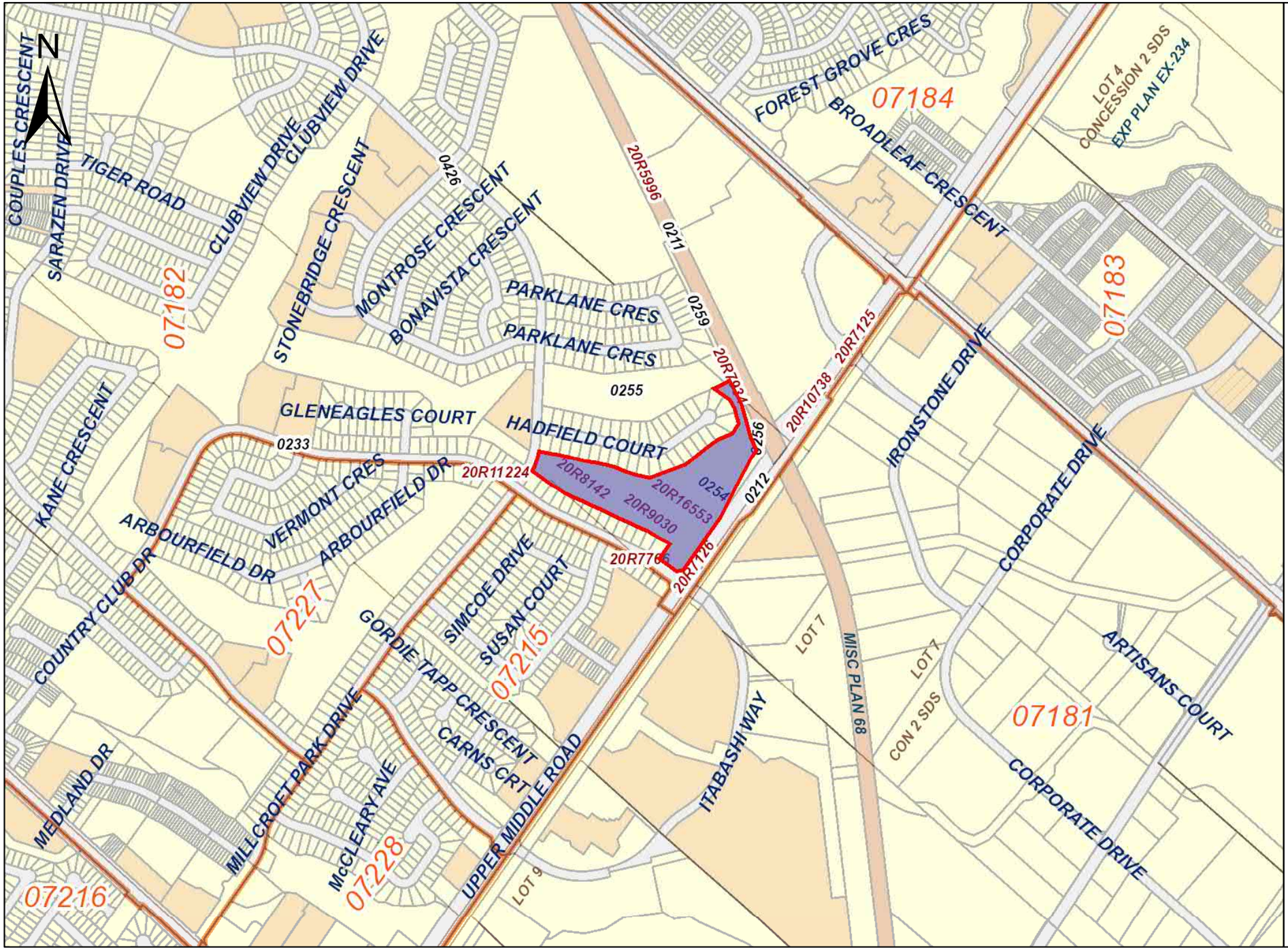
CHAIN OF TITLE REPORT

Project #: 19-199-100
Address: n/s Upper Middle Rd & es Country Club Dr
Legal Description: Block 107 Plan 20M414
Pt Lot 8 Con 1 SDS, Pt 1 20R9030

Searched at: Milton
LRO #: 20

PIN #: 07182-0254 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
HR347678	Name Change	04 01 2005	Monarch Construction Limited	Monarch Corporation
HR447696	Deed	18 01 2006	Monarch Corporation	2079610 Ontario Ltd.
HR1681063	Deed	29 01 2020	2079610 Ontario Ltd.	Agro (Millcroft) Limited
HR1681065	Deed **(Present Owner)**	29 01 2020	2079610 Ontario Ltd. Agro (Millcroft) Limited	**Millcroft Greens Corporation**



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SCALE

0 90 180 270 360 450
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PROPERTY INDEX MAP

HALTON(No. 20)

LEGEND

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

THIS IS NOT A PLAN OF SURVEY

NOTES

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

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Appendix C
Ecolog ERIS Report

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Millcroft Golf Course* *2155 Country Club Drive* *Burlington ON L7M 4A8*
Project No:	*18-687-20*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*20180827108*
Requested by:	*Ds Consultants Ltd.*
Date Completed:	*September 4, 2018*

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

www.erisinfo.com

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Executive Summary

Property Information:

Project Property:	*Millcroft Golf Course* *2155 Country Club Drive Burlington ON L7M 4A8*
Project No:	*18-687-20*

Order Information:

Order No:	*20180827108*
Date Requested:	*August 27, 2018*
Requested by:	*Ds Consultants Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	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
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DRYCLEANERS	Dry Cleaning Facilities	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	2	3
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	2	0	2
FSTH	Fuel Storage Tank - Historic	Y	2	0	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	34	34
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	3	3
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
MISA PENALTY	Environmental Penalty Annual Report	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	2	2
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	6	1	7
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	4	4
SPL	Ontario Spills	Y	0	5	5
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	2	2	4
	Total:		13	57	70

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		Burlington ON ***Well ID:*** 7138903	-/0.0	0.00	25
1	WWIS		Burlington ON ***Well ID:*** 7120703	-/0.0	0.00	27
2	EHS		2155 Country Club Dr Burlington ON L7M 4A8 ***Order ID:*** 162755	-/0.0	3.00	30
2	FST	MILLCROFT GOLF CLUB	2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8	-/0.0	3.00	30
2	FST	MILLCROFT GOLF CLUB	2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8	-/0.0	3.00	30
2	FSTH	MILLCROFT GOLF CLUB	2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8	-/0.0	3.00	31
2	FSTH	MILLCROFT GOLF CLUB	2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8	-/0.0	3.00	31
2	PTTW	2079610 Ontario Ltd.	ON	-/0.0	3.00	31

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
2	PTTW	2079610 Ontario Ltd.	2155 Country Club Dr Halton Hills ON L7M 4A8	-/0.0	3.00	32
2	PTTW	2079610 Ontario Ltd.	Millcroft Golf Club Address: 2155 Country Club Drive, Town of Halton Hills, Regional Municipality of Halton, L7M 4A8 District Office: Halton-Peel TOWN OF HALTON HILLS ON	-/0.0	3.00	32
2	PTTW	2079610 Ontario Ltd.	2155 Country Club Drive, Burlington, Ontario, Canada, L7M 4A8 Regional Municipality of Halton CITY OF BURLINGTON ON	-/0.0	3.00	32
2	PTTW	2079610 Ontario Ltd.	Millcroft Golf Club 2155 Country Club Drive Lot 7, Concession 1 South of Dundas Street City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON	-/0.0	3.00	33
2	PTTW	2079610 Ontario Ltd.	Millcroft Golf Club 2155 Country Club Drive Lot 7, Concession 1 South of Dundas Street City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON	-/0.0	3.00	33

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	PTTW	2079610 Ontario Ltd.	4399 Upper Middle Road City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON	E/22.7	0.00	34
4	CA	973511 ONTARIO LTD.-PT.LOT 8, CONC. 1	MCKERLIE CRES./COUNTRY CLUB DR BURLINGTON CITY ON	SW/51.1	0.00	34
4	CA	973511 ONTARIO LTD.-PT.LOT 8, CONC. 1	MCKERLIE CRES./COUNTRY CLUB DR BURLINGTON CITY ON	SW/51.1	0.00	34
5	GEN	New Allaince LTD	4300 Upper Middle Road Burlington ON L7M 4P6	SE/84.2	-2.88	34
5	GEN	Appleby Dental Hygiene Inc	4300 Upper Middle Road Unit 1 Burlington ON L7M 4P6	SE/84.2	-2.88	35
5	GEN	Appleby Dental Hygiene Inc	4300 Upper Middle Road Unit 1 Burlington ON L7M 4P6	SE/84.2	-2.88	35
5	GEN	Appleby Dental Hygiene Inc	4300 Upper Middle Road Unit 1 Burlington ON L7M 4P6	SE/84.2	-2.88	35
5	HINC		4300 UPPER MIDDLE ROAD [AT RAILWAY CROSSING] OAKVILLE ON	SE/84.2	-2.88	36
6	SPL	Burlington Hydro<UNOFFICIAL>	4227 MILLCROFT PARKDRIVE<UNOFFICIAL> Burlington ON	NNW/84.5	5.00	36
7	SPL	PUC	4227 MILLCROFT PARK DR. TRANSFORMER BURLINGTON CITY ON L7M 3V5	NNW/91.1	5.00	37
8	GEN	DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	NNE/112.7	2.00	37

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
8	GEN	DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	NNE/112.7	2.00	38
8	GEN	Orchard Animal Hospital	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	NNE/112.7	2.00	38
8	GEN	DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	NNE/112.7	2.00	38
8	GEN	DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	NNE/112.7	2.00	39
8	GEN	DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	NNE/112.7	2.00	39
8	GEN	DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	NNE/112.7	2.00	39
8	GEN	DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	NNE/112.7	2.00	40
8	GEN	Orchard Animal Hospital	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	NNE/112.7	2.00	40
8	GEN	ORCHARD ANIMAL HOSPITAL	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	NNE/112.7	2.00	40
8	GEN	DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON	NNE/112.7	2.00	41
9	GEN	ULTRA FOOD & DRUG	2010 APPLEBY LINE BURLINGTON ON L7L 5P8	NE/120.2	1.00	41
9	GEN	Metro Ontario Pharmacies Limited	2010 Appleby Line Burlington ON L7L 6M6	NE/120.2	1.00	42
9	GEN	GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD.	2010 APPLEBY LINE BURLINGTON ON L7L 5P8	NE/120.2	1.00	42

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
9	GEN	THE GREAT ATLANTIC & PACIFIC CO. OF CANADA, LTD.	2010 APPLEBY LINE BURLINGTON ON L7L 5P8	NE/120.2	1.00	42
9	GEN	Metro Ontario Pharmacies Limited	2010 Appleby Line Burlington ON L7L 6M6	NE/120.2	1.00	42
9	GEN	Metro Ontario Pharmacies Limited	2010 Appleby Line Burlington ON L7L 6M6	NE/120.2	1.00	43
9	GEN	Metro Ontario Pharmacies Limited	2010 Appleby Line Burlington ON L7L 6M6	NE/120.2	1.00	43
9	PES	METRO ONTARIO INC O/A METRO/FOOD BASICS # 084	2010 Appleby Line Burlington ON L7L 6M5	NE/120.2	1.00	43
9	PES	METRO ONTARIO INC O/A METRO/FOOD BASICS # 084	2010 APPLEBY LINE BURLINGTON ON L7L 6M6	NE/120.2	1.00	44
9	SPL	Ainsworth Inc.	2010 Appleby Line Burlington ON L7L 6M6	NE/120.2	1.00	44
9	SPL		2010 Appleby Line Burlington ON	NE/120.2	1.00	44
10	WWIS		lot 19 con 7 ON ***Well ID:*** 7048730	SSW/156.7	0.00	45
11	WWIS		lot 6 con 1 ON ***Well ID:*** 2802826	ENE/158.1	0.00	46
12	EASR	NATURE'S EMPORIUM (BURLINGTON) LTD.	2180 ITABASHI WAY BURLINGTON ON L7M 5A5	SE/177.7	-3.00	48
13	EHS		2180 Itabashi Way Burlington ON L7M 5A5 ***Order ID:*** 180060	SE/190.4	-3.80	49
14	SCT	The Marble Shop	4152 Susan Crt Burlington ON L7M 3Z2	SW/190.7	1.00	49

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	EHS		1820 Ironstone Drive Burlington ON L7L 5V3 ***Order ID:*** 172219	E/191.9	-2.00	49
15	GEN	Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	E/191.9	-2.00	49
15	GEN	Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	E/191.9	-2.00	50
15	GEN	Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	E/191.9	-2.00	50
15	GEN	ROPAK CANADA INC	BURLINGTON DIVISION 1820 IRONSTONE DRIVE BURLINGTON ON L7L 5V3	E/191.9	-2.00	50
15	GEN	Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	E/191.9	-2.00	51
15	GEN	Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	E/191.9	-2.00	51
15	GEN	Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	E/191.9	-2.00	51
15	GEN	ROPAK CANADA INC.	BURLINGTON DIVISION 1820 IRONSTONE DRIVE BURLINGTON ON L7L 5V3	E/191.9	-2.00	52
15	GEN	ROPAK CANADA INC. 33-654	BURLINGTON DIVISION 1820 IRONSTONE DRIVE BURLINGTON ON L7L 5V3	E/191.9	-2.00	52
15	GEN	ROPAK CANADA INC.(OUT OF BUSINESS)	BURLINGTON DIVISION 1820 IRONSTONE DRIVE BURLINGTON ON L7L 5V3	E/191.9	-2.00	53
15	GEN	Shipway Stairs Limited	1820 Ironstone Drive Burlington ON	E/191.9	-2.00	53
15	SCT	Pippard Incorporated	1820 Ironstone Dr Unit 1 Burlington ON L7L 5V3	E/191.9	-2.00	53

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	SCT	Pippard Incorporated	1820 Ironstone Unit 1 Burlington ON L7L 5V3	E/191.9	-2.00	54
15	SCT	ROPAK CANADA INC.	1820 IRONSTONE DR BURLINGTON ON L7L 5V3	E/191.9	-2.00	54
16	GEN	Value Village Stores	2030 Appleby Line Burlington ON L7L6M6	NNE/207.7	3.00	54
17	SPL	Burlington Hydro Inc.	2001 Atkinson Road<UNOFFICIAL> Burlington ON	SSW/229.9	0.00	55
18	CA	MONARCH CONSTRUCTION LIMITED	TURNBERRY RD./BONAVISTA CRES. BURLINGTON CITY ON	NW/239.4	5.33	56
19	HINC		2165 ITABASHI WAY, UNIT 24 BURLINGTON ON	SSE/241.2	-2.94	56
19	HINC		2165 ITABASHI WAY [BETWEEN UNITS # 76 & 77] BURLINGTON ON	SSE/241.2	-2.94	56

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
973511 ONTARIO LTD.-PT.LOT 8, CONC. 1	MCKERLIE CRES./COUNTRY CLUB DR BURLINGTON CITY ON	51.1	4
973511 ONTARIO LTD.-PT.LOT 8, CONC. 1	MCKERLIE CRES./COUNTRY CLUB DR BURLINGTON CITY ON	51.1	4
MONARCH CONSTRUCTION LIMITED	TURNBERRY RD./BONAVISTA CRES. BURLINGTON CITY ON	239.4	18

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Jul 31, 2018 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
NATURE'S EMPORIUM (BURLINGTON) LTD.	2180 ITABASHI WAY BURLINGTON ON L7M 5A5	177.7	12

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Feb 28, 2018 has found that there are 3 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2155 Country Club Dr Burlington ON L7M 4A8 ***Order ID:*** 162755	0.0	2
	2180 Itabashi Way Burlington ON L7M 5A5	190.4	13

Site	Address	Distance (m)	Map Key
	Order ID: 180060		
	1820 Ironstone Drive Burlington ON L7L 5V3 ***Order ID:*** 172219	191.9	15

FST - Fuel Storage Tank

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

Site	Address	Distance (m)	Map Key
MILLCROFT GOLF CLUB	2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8	0.0	2
MILLCROFT GOLF CLUB	2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8	0.0	2

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
MILLCROFT GOLF CLUB	2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8	0.0	2
MILLCROFT GOLF CLUB	2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8	0.0	2

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-December 31, 2017 has found that there are 34 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
New Allaince LTD	4300 Upper Middle Road Burlington ON L7M 4P6	84.2	5

Site	Address	Distance (m)	Map Key
Appleby Dental Hygiene Inc	4300 Upper Middle Road Unit 1 Burlington ON L7M 4P6	84.2	5
Appleby Dental Hygiene Inc	4300 Upper Middle Road Unit 1 Burlington ON L7M 4P6	84.2	5
Appleby Dental Hygiene Inc	4300 Upper Middle Road Unit 1 Burlington ON L7M 4P6	84.2	5
DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	112.7	8
DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	112.7	8
Orchard Animal Hospital	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	112.7	8
DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	112.7	8
DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	112.7	8
DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	112.7	8
DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	112.7	8
DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	112.7	8

Site	Address	Distance (m)	Map Key
Orchard Animal Hospital	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	112.7	8
ORCHARD ANIMAL HOSPITAL	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON L7L 6M6	112.7	8
DR GESA KOHN-GOULD PROFESSIONAL CORP	2020 APPLEBY LINE, UNIT B4 BURLINGTON ON	112.7	8
ULTRA FOOD & DRUG	2010 APPLEBY LINE BURLINGTON ON L7L 5P8	120.2	9
Metro Ontario Pharmacies Limited	2010 Appleby Line Burlington ON L7L 6M6	120.2	9
GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD.	2010 APPLEBY LINE BURLINGTON ON L7L 5P8	120.2	9
THE GREAT ATLANTIC & PACIFIC CO. OF CANADA, LTD.	2010 APPLEBY LINE BURLINGTON ON L7L 5P8	120.2	9
Metro Ontario Pharmacies Limited	2010 Appleby Line Burlington ON L7L 6M6	120.2	9
Metro Ontario Pharmacies Limited	2010 Appleby Line Burlington ON L7L 6M6	120.2	9
Metro Ontario Pharmacies Limited	2010 Appleby Line Burlington ON L7L 6M6	120.2	9
Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	191.9	15
Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	191.9	15

Site	Address	Distance (m)	Map Key
Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	191.9	15
ROPAK CANADA INC	BURLINGTON DIVISION 1820 IRONSTONE DRIVE BURLINGTON ON L7L 5V3	191.9	15
Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	191.9	15
Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	191.9	15
Shipway Stairs Limited	1820 Ironstone Drive Burlington ON L7L 5V3	191.9	15
ROPAK CANADA INC.	BURLINGTON DIVISION 1820 IRONSTONE DRIVE BURLINGTON ON L7L 5V3	191.9	15
ROPAK CANADA INC. 33-654	BURLINGTON DIVISION 1820 IRONSTONE DRIVE BURLINGTON ON L7L 5V3	191.9	15
Shipway Stairs Limited	1820 Ironstone Drive Burlington ON	191.9	15
ROPAK CANADA INC.(OUT OF BUSINESS)	BURLINGTON DIVISION 1820 IRONSTONE DRIVE BURLINGTON ON L7L 5V3	191.9	15
Value Village Stores	2030 Appleby Line Burlington ON L7L6M6	207.7	16

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 3 HINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	4300 UPPER MIDDLE ROAD [AT RAILWAY CROSSING] OAKVILLE ON	84.2	5
	2165 ITABASHI WAY, UNIT 24 BURLINGTON ON	241.2	19
	2165 ITABASHI WAY [BETWEEN UNITS # 76 & 77] BURLINGTON ON	241.2	19

PES - Pesticide Register

A search of the PES database, dated 1988-Mar 2018 has found that there are 2 PES site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
METRO ONTARIO INC O/A METRO/FOOD BASICS # 084	2010 Appleby Line Burlington ON L7L 6M5	120.2	9
METRO ONTARIO INC O/A METRO/FOOD BASICS # 084	2010 APPLEBY LINE BURLINGTON ON L7L 6M6	120.2	9

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994-Jul 31, 2018 has found that there are 7 PTTW site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
2079610 Ontario Ltd.	Millcroft Golf Club Address: 2155 Country Club Drive, Town of Halton Hills, Regional Municipality of Halton, L7M 4A8 District Office: Halton-Peel TOWN OF HALTON HILLS ON	0.0	2
2079610 Ontario Ltd.	Millcroft Golf Club 2155 Country Club Drive Lot 7, Concession 1 South of Dundas Street City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON	0.0	2

Site	Address	Distance (m)	Map Key
2079610 Ontario Ltd.	Millcroft Golf Club 2155 Country Club Drive Lot 7, Concession 1 South of Dundas Street City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON	0.0	2
2079610 Ontario Ltd.	2155 Country Club Dr Halton Hills ON L7M 4A8	0.0	2
2079610 Ontario Ltd.	ON	0.0	2
2079610 Ontario Ltd.	2155 Country Club Drive, Burlington, Ontario, Canada, L7M 4A8 Regional Municipality of Halton CITY OF BURLINGTON ON	0.0	2
2079610 Ontario Ltd.	4399 Upper Middle Road City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON	22.7	3

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 4 SCT site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
The Marble Shop	4152 Susan Crt Burlington ON L7M 3Z2	190.7	14
ROPAK CANADA INC.	1820 IRONSTONE DR BURLINGTON ON L7L 5V3	191.9	15
Pippard Incorporated	1820 Ironstone Unit 1 Burlington ON L7L 5V3	191.9	15
Pippard Incorporated	1820 Ironstone Dr Unit 1 Burlington ON L7L 5V3	191.9	15

Site	Address	Distance (m)	Map Key

SPL - Ontario Spills

A search of the SPL database, dated 1988-May 2018 has found that there are 5 SPL site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Burlington Hydro<UNOFFICIAL>	4227 MILLCROFT PARKDRIVE<UNOFFICIAL> Burlington ON	84.5	6
PUC	4227 MILLCROFT PARK DR. TRANSFORMER BURLINGTON CITY ON L7M 3V5	91.1	7
Ainsworth Inc.	2010 Appleby Line Burlington ON L7L 6M6	120.2	9
	2010 Appleby Line Burlington ON	120.2	9
Burlington Hydro Inc.	2001 Atkinson Road<UNOFFICIAL> Burlington ON	229.9	17

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 4 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	Burlington ON ***Well ID:*** 7138903	0.0	1
	Burlington ON ***Well ID:*** 7120703	0.0	1
	lot 19 con 7 ON	156.7	10

Site	Address	Distance (m)	Map Key
	Well ID: 7048730		
	lot 6 con 1 ON	158.1	11
	Well ID: 2802826		



Map : 0.25 Kilometer Radius

Order No: 20180827108

Address: 2155 Country Club Drive, Burlington, ON, L7M 4A8

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2015 DMTI Spatial Inc.

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79°48'W

43°24'N

43°24'N



Aerial (2017)

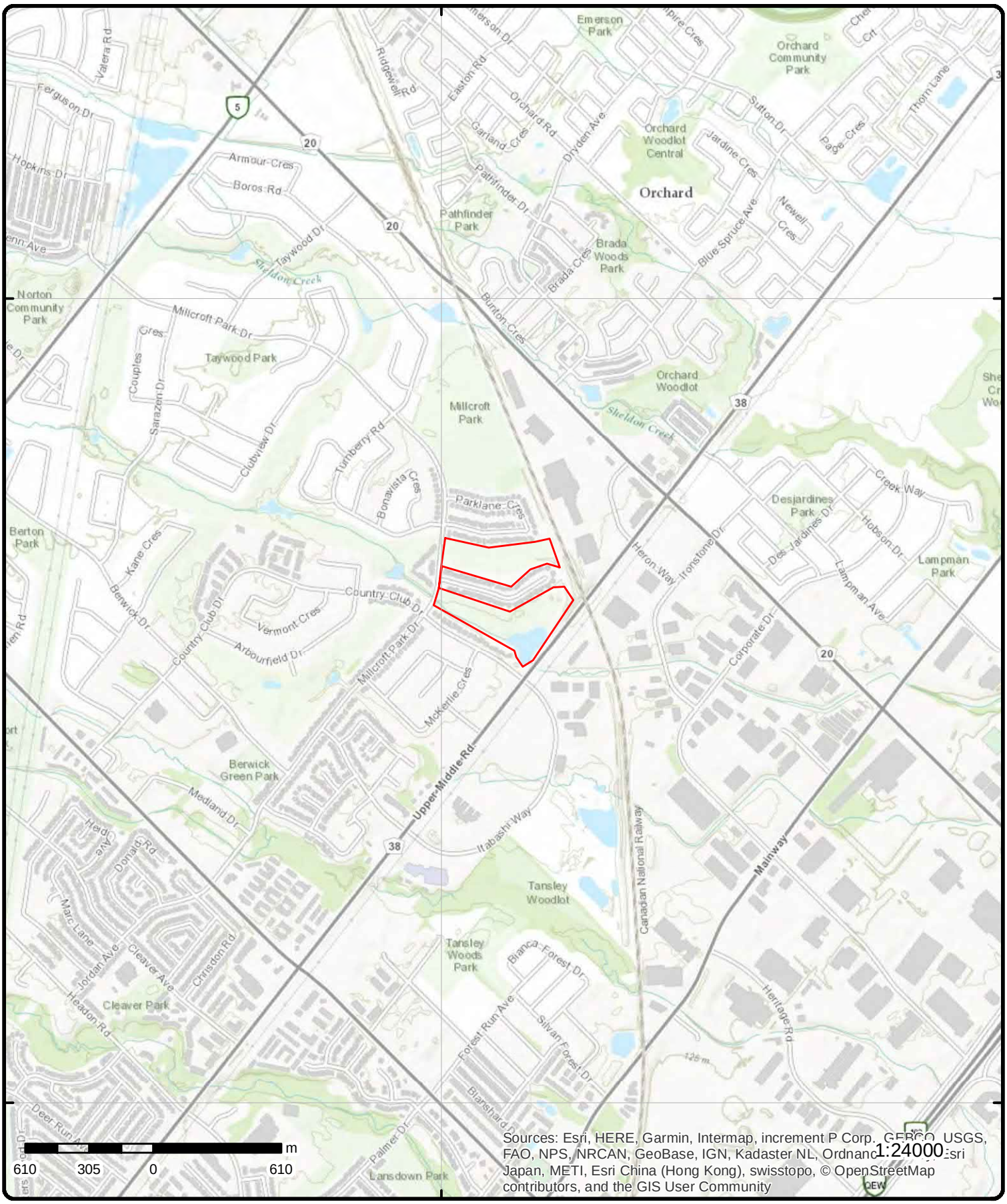
Order No: 20180827108

Address: 2155 Country Club Drive, Burlington, ON, L7M 4A8

Source: ESRI World Imagery

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

© ERIS Information Limited Partnership



Topographic Map

Address: 2155 Country Club Drive, Burlington, ON, L7M 4A8

Source: ESRI World Topographic Map

Order No: 20180827108

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 2	-/0.0	139.8 / 0.00	Burlington ON	WWIS

Well ID:	7138903	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	1/28/2010
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7423
Casing Material:		**Form Version:**	7
Audit No:	Z105680	**Owner:**	
Tag:	A081524	**Street Name:**	2155 COUNTRY CLUB DRIVE HILLCROFT GOLF CLUB
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1002931204	**Elevation:**	139.69
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	597558
Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4804816
Cluster Kind:		**UTMRC:**	4
Date Completed:	08-JAN-10	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003081015
Layer:	1
Plug From:	0
Plug To:	.3
Plug Depth UOM:	m
Plug ID:	1003081016

Layer: 2
Plug From: .3
Plug To: 6.68
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1003081020
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1003081012
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003081018
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003081019
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1003081017
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003081014
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 2	-/0.0	139.8 / 0.00	Burlington ON	WWIS

Well ID:	7120703	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	3/19/2009
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	1129
Casing Material:		**Form Version:**	7
Audit No:	Z80400	**Owner:**	
Tag:	A081524	**Street Name:**	2155 COUNTY CLUB DRIVE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1002033072	**Elevation:**	139.69
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	597558
Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4804816
Cluster Kind:		**UTMRC:**	4
Date Completed:	24-SEP-08	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002484830
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Other Materials:	SAND
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	.15
Formation End Depth:	.91
Formation End Depth UOM:	m

Formation ID:	1002484833
Layer:	5

Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	3.96
Formation End Depth:	6.68
Formation End Depth UOM:	m
Formation ID:	1002484829
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	.15
Formation End Depth UOM:	m
Formation ID:	1002484831
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	92
Other Materials:	WEATHERED
Mat3:	
Other Materials:	
Formation Top Depth:	.91
Formation End Depth:	3.35
Formation End Depth UOM:	m
Formation ID:	1002484832
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3.35
Formation End Depth:	3.96
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1002484835
Layer:	1
Plug From:	0
Plug To:	3.35
Plug Depth UOM:	m
Plug ID:	1002484836
Layer:	2

Plug From:	3.35
Plug To:	6.68
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1002484842
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	4.25 HAS

Pipe Information

Pipe ID:	1002484828
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002484838
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	.3
Casing Diameter:	17
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Casing ID:	1002484839
Layer:	2
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.63
Casing Diameter:	5
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002484840
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1002484837
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

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

Hole Diameter

Hole ID:	1002484834
Diameter:	20
Depth From:	0
Depth To:	6.68
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

2 ***1 of 11*** ***-/0.0*** ***142.8 / 3.00*** ***2155 Country Club Dr Burlington ON L7M 4A8*** ***EHS***

Order ID:	162755	***Date Received:***	3/6/2009
Order No:	20090306028	***Lot/Building Size:***	
Customer ID:	54087	***Municipality:***	
Company ID:	93	***Client Prov/State:***	ON
Status:	C	***Search Radius (km):***	0.25
Report Code:	3CAN	***Large Radius:***	2
Report Type:	Standard Report	***X:***	-79.808755
Report Date:	3/17/2009	***Y:***	43.391937
Report Requested by:	Terraprobe Ltd		
Nearest Intersection:			
Previous Site Name:			
Additional Info Ordered:			

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2 ***2 of 11*** ***-/0.0*** ***142.8 / 3.00*** ***MILLCROFT GOLF CLUB 2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8*** ***FST***

Instance No:	11640081
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	2270
Tank Material:	Steel
Corrosion Protection:	Painted
Tank Type:	Single Wall Horizontal AST
Install Year:	NULL
Parent Facility Type:	Fuels Safety Private Fuel Outlet - Self Serve
Facility Type:	FS Liquid Fuel Tank

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2 ***3 of 11*** ***-/0.0*** ***142.8 / 3.00*** ***MILLCROFT GOLF CLUB 2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8*** ***FST***

Instance No:	11640060
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	2270
Tank Material:	Steel
Corrosion Protection:	Painted
Tank Type:	Single Wall Horizontal AST
Install Year:	NULL
Parent Facility Type:	Fuels Safety Private Fuel Outlet - Self Serve
Facility Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	4 of 11	-/0.0	142.8 / 3.00	MILLCROFT GOLF CLUB 2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8	FSTH

License Issue Date: 7/11/2001
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation:
Corrosion Protection:
Capacity: 2270
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

Status: Active
Year of Installation:
Corrosion Protection:
Capacity: 2270
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	5 of 11	-/0.0	142.8 / 3.00	MILLCROFT GOLF CLUB 2155 COUNTRY CLUB DR BURLINGTON ON L7M 4A8	FSTH

License Issue Date: 7/11/2001
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation:
Corrosion Protection:
Capacity: 2270
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

Status: Active
Year of Installation:
Corrosion Protection:
Capacity: 2270
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	6 of 11	-/0.0	142.8 / 3.00	2079610 Ontario Ltd. ON	PTTW

EBR Registry No.: 012-0833
Ministry Ref. No.: 3165-9F8GG5
Notice Type: Instrument Decision
Notice Date: April 08, 2014
Proposal Date: January 15, 2014
Year: 2014
Proponent Address: 2155 Country Club Drive, Burlington Ontario, Canada L7M 4A8
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

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

Location:

Millcroft Golf Club Address: 2155 Country Club Dr, Halton Hills, Town, Regional Municipality of Halton, L7M 4A8 District Office: Halton-Peel GeoReference: Map Datum: NAD83, Zone: 17, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, Method: Map, UTM Easting: 597491, UTM Northing: 4804676, LIO GeoReference: Zone: 17, UTM Easting: 596566.06, UTM Northing: 4804797.0, Latitude: 43.389835, Longitude: -79.8077 Halton Hills

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2	7 of 11	-/0.0	142.8 / 3.00	***2079610 Ontario Ltd.*** ***2155 Country Club Dr*** ***Halton Hills ON L7M 4A8***	***PTTW***

EBR Registry No.: 012-0833
Ministry Ref. No.: 3165-9F8GG5
Notice Type: Instrument Proposal
Notice Date:
Proposal Date: January 15, 2014
Year: 2014
Proponent Address: 2155 Country Club Drive, Burlington Ontario, Canada L7M 4A8
Instrument Type: (OWRA s. 34) - Permit to take water
Location Other:

Location:

Millcroft Golf Club Address: 2155 Country Club Dr, Halton Hills, Town, Regional Municipality of Halton, L7M 4A8 District Office: Halton-Peel GeoReference: Map Datum: NAD83, Zone: 17, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, Method: Map, UTM Easting: 597491, UTM Northing: 4804676, LIO GeoReference: Zone: 17, UTM Easting: 596566.06, UTM Northing: 4804797.0, Latitude: 43.389835, Longitude: -79.8077 Halton Hills

---

2	8 of 11	-/0.0	142.8 / 3.00	***2079610 Ontario Ltd.*** ***Millcroft Golf Club Address: 2155 Country Club Drive, Town of Halton Hills, Regional Municipality of Halton, L7M 4A8 District Office: Halton-Peel TOWN OF HALTON HILLS ON***	***PTTW***

EBR Registry No.: 011-3333
Ministry Ref. No.: 3401-8G5QJB
Notice Type: Instrument Decision
Notice Date: July 21, 2011
Proposal Date: April 26, 2011
Year: 2011
Proponent Address: 2155 Country Club Drive, Burlington Ontario, Canada L7M 4A8
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

Millcroft Golf Club Address: 2155 Country Club Drive, Town of Halton Hills, Regional Municipality of Halton, L7M 4A8 District Office: Halton-Peel TOWN OF HALTON HILLS

2	9 of 11	-/0.0	142.8 / 3.00	***2079610 Ontario Ltd.*** ***2155 Country Club Drive, Burlington, Ontario, Canada, L7M 4A8 Regional Municipality of Halton CITY OF BURLINGTON ON***	***PTTW***

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

EBR Registry No.: 010-3552
Ministry Ref. No.: 3328-7EEH3Z
Notice Type: Instrument Decision
Notice Date: September 11, 2008
Proposal Date: May 14, 2008
Year: 2008
Proponent Address: 2155 Country Club Drive, Burlington Ontario, Canada L7M 4A8
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

2155 Country Club Drive, Burlington, Ontario, Canada, L7M 4A8 Regional Municipality of Halton CITY OF BURLINGTON

2	***10 of 11***	***-/0.0***	***142.8 / 3.00***	***2079610 Ontario Ltd. Millcroft Golf Club 2155 Country Club Drive Lot 7, Concession 1 South of Dundas Street City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON***	***PTTW***

EBR Registry No.: 012-7811
Ministry Ref. No.: 3775-AAJHZV
Notice Type: Instrument Decision
Notice Date: December 23, 2016
Proposal Date: June 02, 2016
Year: 2016
Proponent Address: 2155 Country Club Drive, Burlington Ontario, Canada L7M 4A8
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

Millcroft Golf Club 2155 Country Club Drive Lot 7, Concession 1 South of Dundas Street City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON

2	***11 of 11***	***-/0.0***	***142.8 / 3.00***	***2079610 Ontario Ltd. Millcroft Golf Club 2155 Country Club Drive Lot 7, Concession 1 South of Dundas Street City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON***	***PTTW***

EBR Registry No.: 012-7811
Ministry Ref. No.:
Notice Type: Instrument Proposal
Notice Date: June 02, 2016
Proposal Date: June 02, 2016
Year: 2016
Proponent Address: 2155 Country Club Drive, Burlington Ontario, Canada L7M 4A8
Instrument Type: 2079610 Ontario Ltd. (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

Millcroft Golf Club 2155 Country Club Drive Lot 7, Concession 1 South of Dundas Street City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	E/22.7	139.8 / 0.00	2079610 Ontario Ltd. 4399 Upper Middle Road City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON ON	PTTW

EBR Registry No.: 010-1897
Ministry Ref. No.: 0302-77NNGR
Notice Type: Instrument Decision
Notice Date: May 26, 2008
Proposal Date: October 17, 2007
Year: 2007
Proponent Address: 2155 Country Club Drive, Burlington Ontario, Canada L7M 4A8
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

4399 Upper Middle Road City of Burlington, Regional Municipality of Halton CITY OF BURLINGTON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 2	SW/51.1	139.8 / 0.00	973511 ONTARIO LTD.-PT.LOT 8, CONC. 1 MCKERLIE CRES./COUNTRY CLUB DR BURLINGTON CITY ON	CA

Certificate #: 3-0738-92-
Application Year: 92
Issue Date: 6/24/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	2 of 2	SW/51.1	139.8 / 0.00	973511 ONTARIO LTD.-PT.LOT 8, CONC. 1 MCKERLIE CRES./COUNTRY CLUB DR BURLINGTON CITY ON	CA

Certificate #: 7-0602-92-
Application Year: 92
Issue Date: 6/24/1992
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	1 of 5	SE/84.2	137.0 / -2.88	New Allaince LTD 4300 Upper Middle Road	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Burlington ON L7M 4P6	

Generator No.: ON4842863
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 237310, 237110, 237990
SIC Description: Highway Street and Bridge Construction, Water and Sewer Line and Related Structures Construction, Other Heavy and Civil Engineering Construction

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

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

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5 | ***2 of 5*** | ***SE/84.2*** | ***137.0 / -2.88*** | ***Appleby Dental Hygiene Inc*** ***4300 Upper Middle Road Unit 1*** ***Burlington ON L7M 4P6*** | ***GEN***

Generator No.: ON6442711
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 621210
SIC Description: OFFICES OF DENTISTS

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Brittany McCurdy
Phone No. Admin: 3317654 Ext.

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

Waste Code: 261
Waste Description: PHARMACEUTICALS

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5 | ***3 of 5*** | ***SE/84.2*** | ***137.0 / -2.88*** | ***Appleby Dental Hygiene Inc*** ***4300 Upper Middle Road Unit 1*** ***Burlington ON L7M 4P6*** | ***GEN***

Generator No.: ON6442711
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

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

Waste Code: 261 A
Waste Description: Pharmaceuticals

---

5 | ***4 of 5*** | ***SE/84.2*** | ***137.0 / -2.88*** | ***Appleby Dental Hygiene Inc*** ***4300 Upper Middle Road Unit 1*** ***Burlington ON L7M 4P6*** | ***GEN***

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

Generator No.:	ON6442711	**PO Box No.:**	
Status:		**Country:**	Canada
Approval Years:	2016	**Choice of Contact:**	CO_ADMIN
Contam. Facility:	No	**Co Admin:**	Larissa Giovinazzo
MHSW Facility:	No	**Phone No. Admin:**	3317654 Ext.
SIC Code:	621210		
SIC Description:	OFFICES OF DENTISTS		

--Details--

Waste Code:	312
Waste Description:	PATHOLOGICAL WASTES
Waste Code:	261
Waste Description:	PHARMACEUTICALS

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5 | ***5 of 5*** | ***SE/84.2*** | ***137.0 / -2.88*** | ***4300 UPPER MIDDLE ROAD [AT RAILWAY CROSSING]
OAKVILLE ON*** | ***HINC***

External File Num:	FS INC 0905-02775
Date of Occurrence:	5/13/2009
Fuel Occurrence Type:	Pipeline Strike
Fuel Type Involved:	Natural Gas
Status Desc::	Completed - Causal Analysis(End)
Job Type Desc::	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved::	Construction Site (pipeline strike)
Service Interruptions::	Yes
Property Damage::	No
Fuel Life Cycle Stage::	Transmission, Distribution and Transportation
Root Cause::	Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:No Human Factors:Yes
Reported Details::	
Fuel Category::	Gaseous Fuel
Occurrence Type::	Incident
Affiliation::	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name::	Halton
Approx. Quant. Rel::	
Nearby body of water::	
Enter Drainage Syst.::	
Approx. Quant. Unit::	
Environmental Impact::	

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6 | ***1 of 1*** | ***NNW/84.5*** | ***144.8 / 5.00*** | ***Burlington Hydro<UNOFFICIAL>
4227 MILLCROFT PARKDRIVE<UNOFFICIAL>
Burlington ON*** | ***SPL***

Ref No:	4513-5TUHD4	**Discharger Report:**	
Site No:		**Material Group:**	Oil
Incident Dt:	12/2/2003	**Client Type:**	
Year:		**Sector Type:**	Other Plant - Electric Power Generation (MISA)
Incident Cause:	Other Discharges	**Source Type:**	
Incident Event:		**Nearest Watercourse:**	
Contaminant Code:	15	**Site Name:**	4227 MILLCROFT PARKDRIVE<UNOFFICIAL>
Contaminant Name:	TRANSFORMER OIL (N.O.S.)	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:		**Site County/District:**	
Contaminant UN No 1:		**Site Postal Code:**	
Contaminant Qty:	5 L	**Site Region:**	Central
Environment Impact:	Possible	**Site Municipality:**	Burlington
Nature of Impact:	Soil Contamination	**Site Lot:**	

Receiving Medium:	Land	**Site Conc:**	
Receiving Env:		**Northing:**	
Health/Env Conseq:		**Easting:**	
MOE Response:		**Site Geo Ref Accu:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Meth:**	
MOE Reported Dt:	12/2/2003	**Site Map Datum:**	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:	Spill to Land		
Incident Reason:	Equipment/Vehicles		
Incident Summary:	Burlington Hydro, 5 L transformer oil to gnd		

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7 | ***1 of 1*** | ***NNW/91.1*** | ***144.8 / 5.00*** | ***PUC*** | ***SPL***

4227 MILLCROFT PARK DR. TRANSFORMER
BURLINGTON CITY ON L7M 3V5

Ref No:	226486	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	5/25/2002	**Client Type:**	
Year:		**Sector Type:**	
Incident Cause:	COOLING SYSTEM LEAK	**Source Type:**	
Incident Event:		**Nearest Watercourse:**	
Contaminant Code:		**Site Name:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site County/District:**	
Contaminant UN No 1:		**Site Postal Code:**	
Contaminant Qty:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	14101
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
Health/Env Conseq:		**Easting:**	
MOE Response:		**Site Geo Ref Accu:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Meth:**	
MOE Reported Dt:	5/27/2002	**Site Map Datum:**	
Dt Document Closed:			
Agency Involved:	PUC		
SAC Action Class:			
Incident Reason:	EQUIPMENT FAILURE		
Incident Summary:	BURLINGTON HYDRO- 45L OF OIL TO GROUND FROM TRANSFORMER.		

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8 | ***1 of 11*** | ***NNE/112.7*** | ***141.8 / 2.00*** | ***DR GESA KOHN-GOULD PROFESSIONAL CORP*** | ***GEN***

2020 APPLEBY LINE, UNIT B4
BURLINGTON ON L7L 6M6

Generator No.:	ON3050713	**PO Box No.:**	
Status:		**Country:**	Canada
Approval Years:	2014	**Choice of Contact:**	CO_ADMIN
Contam. Facility:	No	**Co Admin:**	CATHLEEN WATSON
MHSW Facility:	No	**Phone No. Admin:**	905-336-4002 Ext.
SIC Code:	541940		
SIC Description:	VETERINARY SERVICES		

--Details--

Waste Code:	312
Waste Description:	PATHOLOGICAL WASTES
Waste Code:	261
Waste Description:	PHARMACEUTICALS

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

---

8 **2 of 11** **NNE/112.7** **141.8 / 2.00** **DR GESA KOHN-GOULD PROFESSIONAL CORP** **GEN**
2020 APPLEBY LINE, UNIT B4
BURLINGTON ON L7L 6M6

Generator No.: ON3050713
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

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

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

---

8 **3 of 11** **NNE/112.7** **141.8 / 2.00** **Orchard Animal Hospital** **GEN**
2020 APPLEBY LINE, UNIT B4
BURLINGTON ON L7L 6M6

Generator No.: ON3050713
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 261 A
Waste Description: Pharmaceuticals

Waste Code: 312 P
Waste Description: Pathological wastes

---

8 **4 of 11** **NNE/112.7** **141.8 / 2.00** **DR GESA KOHN-GOULD PROFESSIONAL CORP** **GEN**
2020 APPLEBY LINE, UNIT B4
BURLINGTON ON L7L 6M6

Generator No.: ON3050713
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: CATHLEEN WATSON
Phone No. Admin: 905-336-4002 Ext.

--Details--
Waste Code: 264

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

Waste Description: PHOTOPROCESSING WASTES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

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8 **5 of 11** **NNE/112.7** **141.8 / 2.00** **DR GESA KOHN-GOULD PROFESSIONAL CORP** **GEN**
2020 APPLEBY LINE, UNIT B4
BURLINGTON ON L7L 6M6

Generator No.: ON3050713
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

--Details--
Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

---

8 **6 of 11** **NNE/112.7** **141.8 / 2.00** **DR GESA KOHN-GOULD PROFESSIONAL CORP** **GEN**
2020 APPLEBY LINE, UNIT B4
BURLINGTON ON L7L 6M6

Generator No.: ON3050713
Status:
Approval Years: 06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

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

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

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8 **7 of 11** **NNE/112.7** **141.8 / 2.00** **DR GESA KOHN-GOULD PROFESSIONAL CORP** **GEN**
2020 APPLEBY LINE, UNIT B4
BURLINGTON ON L7L 6M6

Generator No.: ON3050713
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 541940

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

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

SIC Description: Veterinary Services

--Details--
Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

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8 | **8 of 11** | **NNE/112.7** | **141.8 / 2.00** | **DR GESA KOHN-GOULD PROFESSIONAL CORP**
2020 APPLEBY LINE, UNIT B4
BURLINGTON ON L7L 6M6 | **GEN**

Generator No.: ON3050713
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

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

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

---

8 | **9 of 11** | **NNE/112.7** | **141.8 / 2.00** | **Orchard Animal Hospital**
2020 APPLEBY LINE, UNIT B4
BURLINGTON ON L7L 6M6 | **GEN**

Generator No.: ON3050713
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Diana D'Amico
Phone No. Admin: 905-634-4526 Ext.

--Details--
Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

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8 | **10 of 11** | **NNE/112.7** | **141.8 / 2.00** | **ORCHARD ANIMAL HOSPITAL**
2020 APPLEBY LINE, UNIT B4 | **GEN**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				BURLINGTON ON L7L 6M6	

Generator No.: ON3050713
Status:
Approval Years: 02,03,04,05
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

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

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	11 of 11	NNE/112.7	141.8 / 2.00	DR GESA KOHN-GOULD PROFESSIONAL CORP 2020 APPLEBY LINE, UNIT B4 BURLINGTON ON	GEN

Generator No.: ON3050713
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: VETERINARY SERVICES

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

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

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 11	NE/120.2	140.8 / 1.00	ULTRA FOOD & DRUG 2010 APPLEBY LINE BURLINGTON ON L7L 5P8	GEN

Generator No.: ON2371824
Status:
Approval Years: 99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 6031
SIC Description: PHARMACIES

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

--Details--
Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	2 of 11	NE/120.2	140.8 / 1.00	Metro Ontario Pharmacies Limited 2010 Appleby Line Burlington ON L7L 6M6	GEN

Generator No.: ON3348015
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 446110
SIC Description: 446110

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Emil Laswardi
Phone No. Admin: 416-234-6537 Ext.

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	3 of 11	NE/120.2	140.8 / 1.00	GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD. 2010 APPLEBY LINE BURLINGTON ON L7L 5P8	GEN

Generator No.: ON0928714
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 6571
SIC Description: CAMERA/PHOTO. SUPPLY

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	4 of 11	NE/120.2	140.8 / 1.00	THE GREAT ATLANTIC & PACIFIC CO. OF CANADA, LTD. 2010 APPLEBY LINE BURLINGTON ON L7L 5P8	GEN

Generator No.: ON2371824
Status:
Approval Years: 02,03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	5 of 11	NE/120.2	140.8 / 1.00	Metro Ontario Pharmacies Limited 2010 Appleby Line Burlington ON L7L 6M6	GEN

Generator No.: ON3348015

PO Box No.:

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

Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 446110
SIC Description: 446110

Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Emil Laswardi
Phone No. Admin: 416-234-6537 Ext.

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

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9 | **6 of 11** | **NE/120.2** | **140.8 / 1.00** | **Metro Ontario Pharmacies Limited**
2010 Appleby Line
Burlington ON L7L 6M6 | **GEN**

Generator No.: ON3348015
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

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

---

9 | **7 of 11** | **NE/120.2** | **140.8 / 1.00** | **Metro Ontario Pharmacies Limited**
2010 Appleby Line
Burlington ON L7L 6M6 | **GEN**

Generator No.: ON3348015
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 446110
SIC Description: 446110

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Emil Laswardi
Phone No. Admin: 416-234-6537 Ext.

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

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9 | **8 of 11** | **NE/120.2** | **140.8 / 1.00** | **METRO ONTARIO INC O/A METRO/FOOD BASICS # 084**
2010 Appleby Line
Burlington ON L7L 6M5 | **PES**

Licence No:
Detail Licence No: 23-01-15391-0
Licence Type Code:
Licence Type: LIMITED
Licence Class:
Licence Control:
Trade Name:
Post Office Box:
Lot:
Concession:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Oper Phone Area Cd:

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

Region: **Ext:**
District: **Oper Phone No:**
County: **Proponent Ext:**

---

9 **9 of 11** **NE/120.2** **140.8 / 1.00**

METRO ONTARIO INC O/A METRO/FOOD BASICS # 084
2010 APPLEBY LINE
BURLINGTON ON L7L 6M6

PES

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

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

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9 **10 of 11** **NE/120.2** **140.8 / 1.00**

Ainsworth Inc.
2010 Appleby Line
Burlington ON L7L 6M6

SPL

Ref No: 7233-8Q33VE
Site No:
Incident Dt: 12/29/2011
Year:
Incident Cause: Valve / Fitting Leak Or Failure
Incident Event:
Contaminant Code: 38
Contaminant Name: FREON (CFC) R404A
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 273 kg
Environment Impact: Confirmed
Nature of Impact: Air Pollution
Receiving Medium: Sewage - Municipal/Private and Commercial
Receiving Env:
Health/Env Conseq:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/30/2011
Dt Document Closed:
Agency Involved:
SAC Action Class: Air Spills - Gases and Vapours
Incident Reason:
Incident Summary: Ainsworth: 273kg of R404A to atm.

Discharger Report:
Material Group:
Client Type:
Sector Type: Other
Source Type:
Nearest Watercourse:
Site Name: Metro Store #84<UNOFFICIAL>
Site Address: 2010 Appleby Line
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: Burlington
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

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9 **11 of 11** **NE/120.2** **140.8 / 1.00**

2010 Appleby Line
Burlington ON

SPL

Ref No: 4218-9KBG34
Site No: NA
Incident Dt: 2014/05/20
Year:

Discharger Report:
Material Group:
Client Type:
Sector Type: Valve/Fitting/Piping

Incident Cause:	Leak/Break	**Source Type:**	
Incident Event:		**Nearest Watercourse:**	
Contaminant Code:	38	**Site Name:**	Metro Store 84<UNOFFICIAL>
Contaminant Name:	REFRIGERANT GAS, N.O.S.	**Site Address:**	2010 Appleby Line
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site County/District:**	
Contaminant UN No 1:		**Site Postal Code:**	
Contaminant Qty:	136 kg	**Site Region:**	
Environment Impact:	Confirmed	**Site Municipality:**	Burlington
Nature of Impact:	Air Pollution	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
Health/Env Conseq:		**Easting:**	
MOE Response:	No Field Response	**Site Geo Ref Accu:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Meth:**	
MOE Reported Dt:	2014/05/21	**Site Map Datum:**	
Dt Document Closed:	2014/10/09		
Agency Involved:			
SAC Action Class:	Air Spills - Gases and Vapours		
Incident Reason:	Unknown / N/A		
Incident Summary:	Metro Store 84: loss of 300 lb R404		

10 **1 of 1** **SSW/156.7** **139.8 / 0.00** **lot 19 con 7 ON** **WWIS**

Well ID:	7048730	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/29/2007
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	4011
Casing Material:		**Form Version:**	3
Audit No:	Z57011	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (CALEDON TWP)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	019
Well Depth:		**Concession:**	07
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	23048730	**Elevation:**	139.91
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	597355
Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4804566
Cluster Kind:		**UTMRC:**	3
Date Completed:	25-JUL-07	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Pipe Information

Pipe ID:	29048730
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	42148730
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	12.5
Casing Diameter:	75
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Results of Well Yield Testing

Pump Test ID:	27048730
Pump Set At:	
Static Level:	2.76
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N

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11 | ***1 of 1*** | ***ENE/158.1*** | ***139.8 / 0.00*** | ***lot 6 con 1 ON*** | ***WWIS***

Well ID:	2802826	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/2/1968
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5417
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	006
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS S
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10149373	***Elevation:***	139.86
DP2BR:	7	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	597754.5
Code OB Desc:	Bedrock	***Org CS:***	
Open Hole:		***North83:***	4805023
Cluster Kind:		***UTMRC:***	4
Date Completed:	12-JUN-68	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931429785
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Formation ID:	931429786
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7
Formation End Depth:	47
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802826
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697943
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930254102
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	47
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930254101
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	14
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802826
Pump Set At:	
Static Level:	8
Final Level After Pumping:	33
Recommended Pump Depth:	43
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	1
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	15
Flowing:	N

Water Details

Water ID:	933604973
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 1	SE/177.7	136.8 / -3.00	***NATURE'S EMPORIUM (BURLINGTON) LTD.*** ***2180 ITABASHI WAY*** ***BURLINGTON ON L7M 5A5***	EASR

Approval No:	R-002-7649947604	***SWP Area Name:***	Halton
Status:	REGISTERED	***MOE District:***	Halton-Peel
Date:	2016-09-23	***City:***	BURLINGTON
Record Type:	EASR	***Latitude:***	43.38777778
Link Source:	MOFA	***Longitude:***	-79.79444444

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

Full Address:
Project Type: Standby Power System
Approval Type: EASR-Standby Power System
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2025297

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13 | **1 of 1** | **SE/190.4** | **136.0 / -3.80** | **2180 Itabashi Way, Burlington ON L7M 5A5** | **EHS**

Order ID: 180060
Order No: 20101109033
Customer ID: 56847
Company ID: 77
Status: C
Report Code: 4CAN
Report Type: Custom Report
Report Date: 11/16/2010
Report Requested by: Pinchin Environmental
Nearest Intersection: Upper Middle Road
Previous Site Name:
Additional Info Ordered:

Date Received: 11/9/2010 12:04:37 PM
Lot/Building Size:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
Large Radius: 2
X: -79.794258
Y: 43.387696

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14 | **1 of 1** | **SW/190.7** | **140.8 / 1.00** | **The Marble Shop, 4152 Susan Crt, Burlington ON L7M 3Z2** | **SCT**

Established:
Plant Size (ft²):
Employment: 1

--Details--
Description: All Other Non-Metallic Mineral Product Manufacturing
SIC/NAICS Code: 327990

---

15 | **1 of 15** | **E/191.9** | **137.8 / -2.00** | **1820 Ironstone Drive, Burlington ON L7L 5V3** | **EHS**

Order ID: 172219
Order No: 20100218006
Customer ID: 53147
Company ID: 77
Status: C
Report Code: 2CAN
Report Type: Standard Select Report
Report Date: 2/24/2010
Report Requested by: Pinchin Environmental
Nearest Intersection:
Previous Site Name:
Additional Info Ordered:

Date Received: 2/18/2010
Lot/Building Size:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
Large Radius: 2
X: -79.79108
Y: 43.390271

---

15 | **2 of 15** | **E/191.9** | **137.8 / -2.00** | **Shipway Stairs Limited, 1820 Ironstone Drive, Burlington ON L7L 5V3** | **GEN**

Generator No.: ON3142212
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:

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

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

SIC Code: 321919
SIC Description: Other Millwork

---

15 **3 of 15** **E/191.9** **137.8 / -2.00** **Shipway Stairs Limited**
1820 Ironstone Drive
Burlington ON L7L 5V3 **GEN**

Generator No.: ON3142212
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 321919
SIC Description: OTHER MILLWORK

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Jessica Belvedere
Phone No. Admin: 905-336-1296 Ext.249

--Details--
Waste Code: 265
Waste Description: GRAPHIC ART WASTES

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

---

15 **4 of 15** **E/191.9** **137.8 / -2.00** **Shipway Stairs Limited**
1820 Ironstone Drive
Burlington ON L7L 5V3 **GEN**

Generator No.: ON3142212
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 321919
SIC Description:

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

---

15 **5 of 15** **E/191.9** **137.8 / -2.00** **ROPAK CANADA INC**
BURLINGTON DIVISION 1820 IRONSTONE DRIVE
BURLINGTON ON L7L 5V3 **GEN**

Generator No.: ON1291600
Status:
Approval Years: 92,93,97
Contam. Facility:
MHSW Facility:
SIC Code: 3731
SIC Description: PLASTIC & SYN. RESIN

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

--Details--
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 268
Waste Description: AMINES

---

15 | **6 of 15** | **E/191.9** | **137.8 / -2.00** | **Shipway Stairs Limited**
1820 Ironstone Drive
Burlington ON L7L 5V3 | **GEN**

Generator No.: ON3142212
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 321919
SIC Description: OTHER MILLWORK

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Jessica Belvedere
Phone No. Admin: 905-336-1296 Ext.249

--Details--
Waste Code: 265
Waste Description: GRAPHIC ART WASTES

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

---

15 | **7 of 15** | **E/191.9** | **137.8 / -2.00** | **Shipway Stairs Limited**
1820 Ironstone Drive
Burlington ON L7L 5V3 | **GEN**

Generator No.: ON3142212
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 321919
SIC Description: OTHER MILLWORK

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Jessica Belvedere
Phone No. Admin: 905-336-1296 Ext.249

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 265
Waste Description: GRAPHIC ART WASTES

---

15 | **8 of 15** | **E/191.9** | **137.8 / -2.00** | **Shipway Stairs Limited**
1820 Ironstone Drive
Burlington ON L7L 5V3 | **GEN**

Generator No.: ON3142212
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:

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

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

--Details--
Waste Code: 265 I
Waste Description: Graphic arts wastes

Waste Code: 265 L
Waste Description: Graphic arts wastes

Waste Code: 145 H
Waste Description: Wastes from the use of pigments, coatings and paints

Waste Code: 252 L
Waste Description: Waste crankcase oils and lubricants

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15 ***9 of 15*** ***E/191.9*** ***137.8 / -2.00*** ***ROPAK CANADA INC. BURLINGTON DIVISION 1820 IRONSTONE DRIVE BURLINGTON ON L7L 5V3*** ***GEN***

Generator No.: ON1291600 ***PO Box No.:***
Status: ***Country:***
Approval Years: 98 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No. Admin:***
SIC Code: 3731
SIC Description: PLASTIC & SYN. RESIN

--Details--
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

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15 ***10 of 15*** ***E/191.9*** ***137.8 / -2.00*** ***ROPAK CANADA INC. 33-654 BURLINGTON DIVISION 1820 IRONSTONE DRIVE BURLINGTON ON L7L 5V3*** ***GEN***

Generator No.: ON1291600 ***PO Box No.:***
Status: ***Country:***
Approval Years: 94,95,96 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No. Admin:***
SIC Code: 3731
SIC Description: PLASTIC & SYN. RESIN

--Details--
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

---

15 | **11 of 15** | **E/191.9** | **137.8 / -2.00** | **ROPAK CANADA INC.(OUT OF BUSINESS)**
BURLINGTON DIVISION 1820 IRONSTONE DRIVE
BURLINGTON ON L7L 5V3 | **GEN**

Generator No.: ON1291600
Status:
Approval Years: 99
Contam. Facility:
MHSW Facility:
SIC Code: 3731
SIC Description: PLASTIC & SYN. RESIN

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

--Details--
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

---

15 | **12 of 15** | **E/191.9** | **137.8 / -2.00** | **Shipway Stairs Limited**
1820 Ironstone Drive
Burlington ON | **GEN**

Generator No.: ON3142212
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 321919
SIC Description: OTHER MILLWORK

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

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15 | **13 of 15** | **E/191.9** | **137.8 / -2.00** | **Pippard Incorporated**
1820 Ironstone Dr Unit 1
Burlington ON L7L 5V3 | **SCT**

Established: 7/1/1991
Plant Size (ft²): 43000
Employment:

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

--Details--
Description: Commercial and Service Industry Machinery Manufacturing
SIC/NAICS Code: 333310

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15 | ***14 of 15*** | ***E/191.9*** | ***137.8 / -2.00*** | ***Pippard Incorporated*** ***1820 Ironstone Unit 1*** ***Burlington ON L7L 5V3*** | ***SCT***

Established: 1991
Plant Size (ft²):
Employment: 4

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15 | ***15 of 15*** | ***E/191.9*** | ***137.8 / -2.00*** | ***ROPAK CANADA INC.*** ***1820 IRONSTONE DR*** ***BURLINGTON ON L7L 5V3*** | ***SCT***

Established: 1989
Plant Size (ft²): 80000
Employment: 120

--Details--
Description: PLASTICS PRODUCTS, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3089

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16 | ***1 of 1*** | ***NNE/207.7*** | ***142.8 / 3.00*** | ***Value Village Stores*** ***2030 Appleby Line*** ***Burlington ON L7L6M6*** | ***GEN***

Generator No.: ON5223963
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 212 L
Waste Description: Aliphatic solvents and residues

Waste Code: 122 C
Waste Description: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Code: 269 L
Waste Description: Organic non-halogenated pesticide and herbicide wastes

Waste Code: 261 L
Waste Description: Pharmaceuticals

Waste Code: 262 L
Waste Description: Detergents and soaps

Waste Code: 212 I
Waste Description: Aliphatic solvents and residues

Waste Code: 252 L
Waste Description: Waste crankcase oils and lubricants

Waste Code:	145 L
Waste Description:	Wastes from the use of pigments, coatings and paints
Waste Code:	145 I
Waste Description:	Wastes from the use of pigments, coatings and paints
Waste Code:	242 L
Waste Description:	Halogenated pesticides and herbicides
Waste Code:	331 L
Waste Description:	Waste compressed gases including cylinders
Waste Code:	331 I
Waste Description:	Waste compressed gases including cylinders
Waste Code:	269 T
Waste Description:	Organic non-halogenated pesticide and herbicide wastes
Waste Code:	242 T
Waste Description:	Halogenated pesticides and herbicides
Waste Code:	148 I
Waste Description:	Misc. wastes and inorganic chemicals
Waste Code:	148 A
Waste Description:	Misc. wastes and inorganic chemicals
Waste Code:	146 T
Waste Description:	Other specified inorganic sludges, slurries or solids
Waste Code:	263 L
Waste Description:	Misc. waste organic chemicals
Waste Code:	263 A
Waste Description:	Misc. waste organic chemicals
Waste Code:	262 C
Waste Description:	Detergents and soaps
Waste Code:	261 A
Waste Description:	Pharmaceuticals
Waste Code:	112 C
Waste Description:	Acid solutions - containing heavy metals

17 | ***1 of 1*** | ***SSW/229.9*** | ***139.8 / 0.00*** | ***Burlington Hydro Inc.***
2001 Atkinson Road<UNOFFICIAL>
Burlington ON | ***SPL***

Ref No:	5475-8LAT35	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	9/1/2011	**Client Type:**	
Year:		**Sector Type:**	
Incident Cause:		**Source Type:**	
Incident Event:		**Nearest Watercourse:**	
Contaminant Code:	15	**Site Name:**	2001 Atkinson Road<UNOFFICIAL>
Contaminant Name:	TRANSFORMER OIL (N.O.S.)	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site County/District:**	
Contaminant UN No 1:		**Site Postal Code:**	
Contaminant Qty:	2 L	**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Burlington
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	

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

Receiving Env:
Health/Env Conseq:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/1/2011
Dt Document Closed: 9/9/2011
Agency Involved:
SAC Action Class: Land Spills
Incident Reason:
Incident Summary: Burlington Hydro-2 L NON PCB Coolant to Ground,Cleaned-Up

Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

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18 | **1 of 1** | **NW/239.4** | **145.2 / 5.33** | **MONARCH CONSTRUCTION LIMITED TURNBERRY RD./BONAVISTA CRES. BURLINGTON CITY ON** | **CA**

Certificate #: 3-0666-94-
Application Year: 94
Issue Date: 6/21/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

---

19 | **1 of 2** | **SSE/241.2** | **136.9 / -2.94** | **2165 ITABASHI WAY, UNIT 24 BURLINGTON ON** | **HINC**

External File Num: FS INC 0609-02757
Date of Occurrence: 9/16/2006
Fuel Occurrence Type: Pipeline Strike
Fuel Type Involved: Natural Gas
Status Desc:: Completed - No Action Required
Job Type Desc:: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:: Private Dwelling
Service Interruptions:: Yes
Property Damage:: Yes
Fuel Life Cycle Stage:: Utilization
Root Cause::
Reported Details::
Fuel Category:: Gaseous Fuel
Occurrence Type:: Incident
Affiliation:: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:: Halton
Approx. Quant. Rel::
Nearby body of water::
Enter Drainage Syst.::
Approx. Quant. Unit::
Environmental Impact::

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19 | **2 of 2** | **SSE/241.2** | **136.9 / -2.94** | **2165 ITABASHI WAY [BETWEEN UNITS # 76 & 77] BURLINGTON ON** | **HINC**

External File Num: FS INC 0707-03932
Date of Occurrence: 7/12/2007

Fuel Occurrence Type:	Vapour Release
Fuel Type Involved:	Natural Gas
Status Desc::	Completed - No Action Required
Job Type Desc::	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved::	Multi-unit Residential
Service Interruptions::	No
Property Damage::	No
Fuel Life Cycle Stage::	Utilization
Root Cause::	
Reported Details::	
Fuel Category::	Gaseous Fuel
Occurrence Type::	Incident
Affiliation::	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name::	Halton
Approx. Quant. Rel::	
Nearby body of water::	
Enter Drainage Syst.::	
Approx. Quant. Unit::	
Environmental Impact::	

Unplottable Summary

Total: 52 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	MONARCH CONSTRUCTION LIMITED	MILLCROFT P.2E/MILLCROFT PK.DR	BURLINGTON CITY ON	
CA	Granite Ridge Golf Course	Lot 8, Concession 2	Halton Hills ON	
CA	MONARCH CONSTRUCTION LTD.-BLOCK #244	COUNTRY CLUB DRIVE	BURLINGTON CITY ON	
CA	MONARCH CONSTRUCTION LTD.-BLK. #244	COUNTRY CLUB DRIVE	BURLINGTON CITY ON	
CA	MONARCH CONSTRUCTION LTD. MILLCROFT PH.2	COUNTRY CLUB DR/PT. LT.8&9/C.1	BURLINGTON CITY ON	
CA	CLUBLINK CORPORATION	BLUE SPRINGS GOLF COURSE	HALTON HILLS TOWN ON	
CA	MONARCH CONSTRUCTION LIMITED	MILLCROFT P.2E/MILLCROFT PK.DR	BURLINGTON CITY ON	
CA	MONARCH CONSTRUCTION LIMITED	MILLCROFT PARK DR.	BURLINGTON CITY ON	
CA	MONARCH CONSTRUCTION LIMITED	MILLCROFT PARK DR.	BURLINGTON CITY ON	
CA	BURLINGTON CITY - WALKER'S LINE	MILLCROFT PARK DRIVE	BURLINGTON CITY ON	
CA	BURLINGTON CITY - WALKER'S LINE	MILLCROFT PARK DRIVE	BURLINGTON CITY ON	
CA	MONARCH CONSTRUCTION LTD.	MILLCROFT PHASE I PART 1 SUBD.	BURLINGTON CITY ON	
CA	MONARCH CONSTRUCTION LTD.	MILLCROFT, PH. 1 PART 1	BURLINGTON CITY ON	
CA	MATTAMY HOMES LTD.	ORCHARD PH.9/UPPER MIDDLE RD.	BURLINGTON CITY ON	
CA	MATTAMY HOMES LTD.	ORCHARD PH.9/UPPER MIDDLE RD.	BURLINGTON CITY ON	
CA	Blue Springs Golf Course	Part of Lots 27,28, 29 and 30, Concession 1	Halton Hills ON	

CA	MONARCH CONSTRUCTION LTD. MILLCROFT PH.I	ROAD A UPPER MIDDLE RD. PART 1	BURLINGTON CITY ON	
CA	ROCCA GROUP INC. TANSLEY TOWNHOUSE	UPPER MIDDLE RD.	BURLINGTON CITY ON	
CA	CENTRAL CANADA GROCERS INC.	UPPER MIDDLE RD.	BURLINGTON ON	
CA	R.M. OF HALTON	UPPER MIDDLE RD.	BURLINGTON CITY ON	
CA	ROCCA GROUP INC. TANSLEY TOWNHOUSES	UPPER MIDDLE RD.	BURLINGTON CITY ON	
CA	REG. MUN. OF HALTON	UPPER MIDDLE RD.	BURLINGTON ON	
CA	MATTAMY HOMES LTD.	UPPER MIDDLE RD.N.,PT.LOTS 1&2	BURLINGTON CITY ON	
CA	DECARLO CUSTOM HOLES LTD.-LOT 11/CONC.1	UPPER MIDDLE ROAD	BURLINGTON CITY ON	
CA	R.M. OF HALTON PR-973 WALKER'S LINE	UPPER MIDDLE ROAD	BURLINGTON CITY ON	
CA	DECARLO CUSTOM HOMES LTD.-LOT 11/CONC. 1	UPPER MIDDLE ROAD	BURLINGTON CITY ON	
CA	R.M. OF HALTON	UPPER MIDDLE ROAD	BURLINGTON CITY ON	
CA	City of Burlington	Upper Middle Rd	Burlington ON	
CA	Monarch Construction Limited		Burlington ON	
EBR	Greenflow Environmental Services Inc.	Lot 7, Plan M-192 CITY OF BURLINGTON	ON	
EBR	Clublink Corporation	Blue Springs Golf Course off Mill Street TOWN OF HALTON HILLS	ON	
EBR	Greenflow Environmental Services Inc.	Lot 7, Plan M-192 City of Burlington CITY OF BURLINGTON	ON	
ECA	Marble Creek Developments Inc.	Part of Lot 8, Concession 1	Burlington ON	L7L 0A2
FSTH	PRIMEAU-ARGO	PRT S W 1/2 OF LOT 6 CON	HALTON HILLS ON	
FSTH	PRIMEAU-ARGO	PRT S W 1/2 OF LOT 6 CON	HALTON HILLS ON	
NCPL	Rattlesnake Golf Course		Halton-Peel ON	
PTTW	Hornby Glen Golf Course Inc.	Lot 2, Concession 7, Hornby, Halton Hills Town, Regional Municipality of Halton Hornby	ON	
PTTW	Hornby Glenn Golf Course	Lot 2, Concession 7 Halton Hills	ON	

PTTW	Camisle Golf Course	Lot 19 and 20, Concession 2NDS, Township of Nelson, City of Burlington CITY OF BURLINGTON	ON
PTTW	Blue Springs Golf Course	n/a TOWN OF HALTON HILLS	ON
PTTW	Tyandaga Municipal Golf Course	Brant's Block Lots 1-6, Registered Plan #99 CITY OF BURLINGTON	ON
PTTW	Granite Ridge Golf Course	West half of lot 7 and 8, Concession 2, Esquesing Township TOWN OF HALTON HILLS	ON
PTTW	Lowville Golf Course	Lot 5, Concession 3 CITY OF BURLINGTON	ON
PTTW	Granite Ridge Golf Course	Lots 7 & 8, Concession 2 TOWN OF HALTON HILLS	ON
PTTW	Camisle Golf Course	Lots 19 & 20, Concession 2 NDS CITY OF BURLINGTON	ON
PTTW	Burlington Springs Golf Course	Lots 1,2 Concession 2 CITY OF BURLINGTON	ON
SPL	HALTON, REGIONAL MUNICIPALITY	SIXTEEN MILE CREEK, NEAR UPPER MIDDLE ROAD, BETWEEN DORVAL & 6TH LINE SANITARY SEWER SYSTEM (INCLUDING PUMPING STATIONS)	HALTON HILLS TOWN ON
SPL	GOLF COURSE	TYANDAGA GOLF COURSE	BURLINGTON CITY ON
SPL	City of Burlingon<UNOFFICIAL>	Upper Middle Road and Cavendish<UNOFFICIAL>	Burlington ON
SPL		Upper Middle Rd east of Walkers Line	Burlington ON
SPL	BFI WASTE SYSTEMS	UPPER MIDDLE RD EAST OF DUNCASTER ON THE SOUTH SIDE MOTOR VEHICLE (OPERATING FLUID)	BURLINGTON CITY ON
WWIS		lot 6	ON

Unplottable Report

Site: ***MONARCH CONSTRUCTION LIMITED***
MILLCROFT P.2E/MILLCROFT PK.DR BURLINGTON CITY ON

Database: ***CA***

Certificate #:	3-1642-97-
Application Year:	97
Issue Date:	11/21/1997
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site: ***Granite Ridge Golf Course***
Lot 8, Concession 2 Halton Hills ON

Database: ***CA***

Certificate #:	7286-4KSHFV
Application Year:	00
Issue Date:	6/7/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name::	1097739 Ontario Limited
Client Address::	9503 Dublin Line
Client City::	Milton
Client Postal Code::	L9T 2X7
Project Description::	Expansion of the existing fully raised septic bed.
Contaminants::	
Emission Control::	

Site: ***MONARCH CONSTRUCTION LTD.-BLOCK #244***
COUNTRY CLUB DRIVE BURLINGTON CITY ON

Database: ***CA***

Certificate #:	3-1796-91-
Application Year:	91
Issue Date:	11/26/1991
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site: ***MONARCH CONSTRUCTION LTD.-BLK. #244***
COUNTRY CLUB DRIVE BURLINGTON CITY ON

Database: ***CA***

Certificate #:	7-1426-91-

Application Year: 91
Issue Date: 11/14/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***MONARCH CONSTRUCTION LTD. MILLCROFT PH.2***
COUNTRY CLUB DR/PT. LT.8&9/C.1 BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-2213-89-
Application Year: 89
Issue Date: 11/10/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***CLUBLINK CORPORATION***
BLUE SPRINGS GOLF COURSE HALTON HILLS TOWN ON

Database: ***CA***

Certificate #: 3-0014-99-
Application Year: 99
Issue Date: 4/15/1999
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 LIMITED***
MILLCROFT P.2E/MILLCROFT PK.DR BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-1196-97-
Application Year: 97
Issue Date: 11/21/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***MONARCH CONSTRUCTION LIMITED***
MILLCROFT PARK DR. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-0496-88-
Application Year: 88
Issue Date: 4/26/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***MONARCH CONSTRUCTION LIMITED***
MILLCROFT PARK DR. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-0559-88-
Application Year: 88
Issue Date: 4/26/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***BURLINGTON CITY - WALKER'S LINE***
MILLCROFT PARK DRIVE BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-1523-91-
Application Year: 91
Issue Date: 10/4/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***BURLINGTON CITY - WALKER'S LINE***
MILLCROFT PARK DRIVE BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-1218-91-
Application Year: 91
Issue Date: 10/4/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::

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

Site: ***MONARCH CONSTRUCTION LTD.***
MILLCROFT PHASE I PART 1 SUBD. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-1049-86-
Application Year: 86
Issue Date: 7/22/1986
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. 1 PART 1 BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-0840-86-
Application Year: 86
Issue Date: 7/22/1986
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.***
ORCHARD PH.9/UPPER MIDDLE RD. BURLINGTON CITY ON

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

Database: ***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: ***Blue Springs Golf Course***
Part of Lots 27,28, 29 and 30, Concession 1 Halton Hills ON

Database: ***CA***

Certificate #: 3-0014-99-006
Application Year: 00
Issue Date: 5/4/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: Notice
Client Name:: Clublink Capital Corporation
Client Address:: 15675 Dufferin Street
Client City:: King City
Client Postal Code:: L7B 1K5
Project Description:: Clublink wants to add additional equalization capacity to handle the peak summer flow at this facility. The additional equalization capacity will allow the treatment facility to process the influent under a uniform flow regardless of the hourly instantaneous flow rates to the system.
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: ***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: ***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: ***R.M. OF HALTON***
UPPER MIDDLE RD. BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-0131-87-
Application Year: 87
Issue Date: 3/4/1987
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 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: ***REG. MUN. OF HALTON***
UPPER MIDDLE RD. BURLINGTON ON

Database: ***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: ***MATTAMY HOMES LTD.***
UPPER MIDDLE RD.N.,PT.LOTS 1&2 BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-0910-99-
Application Year: 99
Issue Date: 9/14/1999
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: ***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: ***DECARLO CUSTOM HOMES LTD.-LOT 11/CONC. 1***
UPPER MIDDLE ROAD BURLINGTON CITY ON

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

Database: ***CA***

Certificate #: 3-1271-87-
Application Year: 87
Issue Date: 7/18/1987
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***
Upper Middle Rd Burlington ON

Database: ***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: ***Monarch Construction Limited***
Burlington ON

Database: ***CA***

Certificate #: 8574-5TGKSQ
Application Year: 2003
Issue Date: 12/19/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Greenflow Environmental Services Inc.***
Lot 7, Plan M-192 CITY OF BURLINGTON ON

Database: ***EBR***

Company Name: Greenflow Environmental Services Inc.
EBR Registry No.: IA8E0344
Ministry Ref. No.: A680198
Notice Type: Instrument Decision
Notice Date: February 21, 2000
Proposal Date: March 16, 1998
Year: 1998
Proponent Address: Unit 2 and 3, 4151 Morris Drive,, Burlington Ontario, L7L 5L5
Instrument Type: (EPA s. 27) - Approval for a waste disposal site.
Location Other:

Location:

Lot 7, Plan M-192 CITY OF BURLINGTON

Site: ***Clublink Corporation***
Blue Springs Golf Course off Mill Street TOWN OF HALTON HILLS ON

Database: ***EBR***

Company Name: Clublink Corporation
EBR Registry No.: IA9E0057
Ministry Ref. No.: 3001499
Notice Type: Instrument Decision
Notice Date: April 14, 1999
Proposal Date: January 14, 1999
Year: 1999
Proponent Address: 15675 Dufferin Street, King City Ontario, L7B 1K5
Instrument Type: (OWRA s. 53(1)) - Approval for sewage works
Location Other:

Location:

Blue Springs Golf Course off Mill Street TOWN OF HALTON HILLS

Site: ***Greenflow Environmental Services Inc.***
Lot 7, Plan M-192 City of Burlington CITY OF BURLINGTON ON

Database: ***EBR***

Company Name: Greenflow Environmental Services Inc.
EBR Registry No.: IA7E1718
Ministry Ref. No.: B680198
Notice Type: Instrument Decision
Notice Date: February 18, 2000
Proposal Date: November 24, 1997
Year: 1997
Proponent Address: 4151 Morris Drive, Unit 4, Burlington Ontario, L7L 5L5
Instrument Type: (EPA s. 27) - Approval for a waste disposal site.
Location Other:

Location:

Lot 7, Plan M-192 City of Burlington CITY OF BURLINGTON

Site: ***Marble Creek Developments Inc.***
Part of Lot 8, Concession 1 Burlington ON L7L 0A2

Database: ***ECA***

Approval No: 3261-9CKQZY
Approval Date: 2013-10-30
Status: Approved
SWP Area Name:
MOE District:
City: Burlington

Record Type: ECA
Link Source: IDS
Longitude:
Latitude:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Part of Lot 8, Concession 1
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9709-9CHSHJ-14.pdf

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Site: ***PRIMEAU-ARGO***
PRT S W 1/2 OF LOT 6 CON HALTON HILLS ON

Database: ***FSTH***

License Issue Date: 2/4/1991
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 1990
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Site: ***PRIMEAU-ARGO***
PRT S W 1/2 OF LOT 6 CON HALTON HILLS ON

Database: ***FSTH***

License Issue Date: 2/4/1991
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 1990
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Site: ***Rattlesnake Golf Course***
Halton-Peel ON

Database: ***NCPL***

Year: 2002
Discharge Type: Wastewater
Sector: Non-MISA Facilities
District Area: Halton-Peel
Type of Concern: C of A
Contaminant: phosphorus
Status Report:

--Details--
Incident Date:
Incident Start Date:
Incident End Date:
Limit/Unit/Freq:
Quantity Min/Max:
Ministry Action: Assessment complete - no further action required
Facility Action: conducting study to identify source of exceedance

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Site: ***Hornby Glen Golf Course Inc.***
Lot 2, Concession 7, Hornby, Halton Hills Town, Regional Municipality of Halton Hornby ON

Database: ***PTTW***

EBR Registry No.: 010-5488
Ministry Ref. No.: 0444-7MEPQZ
Notice Type: Instrument Decision
Notice Date: February 11, 2009
Proposal Date: December 18, 2008
Year: 2008
Proponent Address: 8286 Hornby Road, Hornby Ontario, L0P 1E0
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

Lot 2, Concession 7, Hornby, Halton Hills Town, Regional Municipality of Halton Hornby

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Site: ***Hornby Glenn Golf Course***
Lot 2, Concession 7 Halton Hills ON

Database: ***PTTW***

EBR Registry No.: IA00E0898
Ministry Ref. No.: 99-P-3029
Notice Type: Instrument Decision
Notice Date: September 21, 2000
Proposal Date: May 25, 2000
Year: 2000
Proponent Address: 8286 Hornby Road, Hornby Ontario, L0P 1EO
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

Lot 2, Concession 7 Halton Hills

Site: ***Camisle Golf Course***
Lot 19 and 20, Concession 2NDS, Township of Nelson, City of Burlington CITY OF BURLINGTON ON

Database: ***PTTW***

EBR Registry No.: IA04E1260
Ministry Ref. No.: 5074-642PC8
Notice Type: Instrument Decision
Notice Date: October 12, 2004
Proposal Date: August 27, 2004
Year: 2004
Proponent Address: R.R. #3, 2120 No. 2 Sideroad, Campbellville Ontario, L0P 1B0
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

Lot 19 and 20, Concession 2NDS, Township of Nelson, City of Burlington CITY OF BURLINGTON

Site: ***Blue Springs Golf Course***
n/a TOWN OF HALTON HILLS ON

Database: ***PTTW***

EBR Registry No.: IA7E0245
Ministry Ref. No.: 97P3004
Notice Type: Instrument Decision
Notice Date: May 13, 1997
Proposal Date: February 20, 1997
Year: 1997
Proponent Address: Lot 28, Concession I, Halton Hills Ontario,

Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

n/a TOWN OF HALTON HILLS

Site: ***Tyandaga Municipal Golf Course***
Brant's Block Lots 1-6, Registered Plan #99 CITY OF BURLINGTON ON

Database: ***PTTW***

EBR Registry No.: IA00E1631
Ministry Ref. No.: 00-P-3055
Notice Type: Instrument Decision
Notice Date: November 23, 2000
Proposal Date: October 16, 2000
Year: 2000
Proponent Address: 1265 Tyandaga Park Dr., City of Burlington Ontario, L7P 1N1
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

Brant's Block Lots 1-6, Registered Plan #99 CITY OF BURLINGTON

Site: ***Granite Ridge Golf Course***
West half of lot 7 and 8, Concession 2, Esquesing Township TOWN OF HALTON HILLS ON

Database: ***PTTW***

EBR Registry No.: IA00E0711
Ministry Ref. No.: 92-P-3037
Notice Type: Instrument Decision
Notice Date: October 03, 2000
Proposal Date: April 20, 2000
Year: 2000
Proponent Address: 9503 Dublin Road, Milton Ontario, L9T 2X7
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

West half of lot 7 and 8, Concession 2, Esquesing Township TOWN OF HALTON HILLS

Site: ***Lowville Golf Course***
Lot 5, Concession 3 CITY OF BURLINGTON ON

Database: ***PTTW***

EBR Registry No.: IA00E1201
Ministry Ref. No.: 99-P-3050
Notice Type: Instrument Decision
Notice Date: October 23, 2001
Proposal Date: May 03, 2001
Year: 2001
Proponent Address: 2662 Brittania Road, Burlington Ontario, L9T 2X6
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

Lot 5, Concession 3 CITY OF BURLINGTON

Site: ***Granite Ridge Golf Course***

Database:

Lots 7 & 8, Concession 2 TOWN OF HALTON HILLS ON ***PTTW***

EBR Registry No.: IA04E0661
Ministry Ref. No.: 99-P-3024
Notice Type: Instrument Decision
Notice Date: July 28, 2004
Proposal Date: April 16, 2004
Year: 2004
Proponent Address: 9503 Dublin Road, Milton Ontario, L9T 2X7
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

Lots 7 & 8, Concession 2 TOWN OF HALTON HILLS

Site: ***Camisle Golf Course*** ***Database:***
Lots 19 & 20, Concession 2 NDS CITY OF BURLINGTON ON ***PTTW***

EBR Registry No.: IA03E0234
Ministry Ref. No.: 02-P-3113
Notice Type: Instrument Decision
Notice Date: May 23, 2003
Proposal Date: February 21, 2003
Year: 2003
Proponent Address: R.R. #3, 2120 No. 2 Sideroad, Campbellville Ontario, L0P 1B0
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

Lots 19 & 20, Concession 2 NDS CITY OF BURLINGTON

Site: ***Burlington Springs Golf Course*** ***Database:***
Lots 1,2 Concession 2 CITY OF BURLINGTON ON ***PTTW***

EBR Registry No.: IA00E1515
Ministry Ref. No.: 00-P-3072
Notice Type: Instrument Decision
Notice Date: March 14, 2003
Proposal Date: September 20, 2000
Year: 2000
Proponent Address: 4235 Cedar Springs Road, R.R. #3, Campbellville Ontario, L0R 1B0
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:

Location:

Lots 1,2 Concession 2 CITY OF BURLINGTON

Site: ***HALTON, REGIONAL MUNICIPALITY*** ***Database:***
SIXTEEN MILE CREEK, NEAR UPPER MIDDLE ROAD, BETWEEN DORVAL & 6TH LINE SANITARY SEWER SYSTEM (INCLUDING PUMPING STATIONS) HALTON HILLS TOWN ON ***SPL***

Ref No: 119180
Site No:
Incident Dt: 10/1/1995
Year:
Incident Cause: WASTEWATER DISCHARGE TO WATERCOURSE
Incident Event:

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:

Contaminant Code:		***Site Name:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	14401
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	10/1/1995	***Site Map Datum:***	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:			
Incident Reason:	UNKNOWN		
Incident Summary:	R-M HALTON-UNK QTY RAW SEWAGE TO 16-MILE CR.MAINLEAK.ISOLATED,REPAIRING.		

Site: ***GOLF COURSE***
TYANDAGA GOLF COURSE BURLINGTON CITY ON

Database: ***SPL***

Ref No:	157820	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/10/1998	***Client Type:***	
Year:		***Sector Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Source Type:***	
Incident Event:		***Nearest Watercourse:***	
Contaminant Code:		***Site Name:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	14101
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	CITY OF BURLINGTON WORKS DEPT
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	7/10/1998	***Site Map Datum:***	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:			
Incident Reason:	ERROR		
Incident Summary:	TYANDAGA GOLF COURSE-430LGASOLINE TO GND; OVER- PUMPED.TO EXCAVATE.W/D.		

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

Database: ***SPL***

Ref No:	1825-6G3366	***Discharger Report:***	0
Site No:		***Material Group:***	Oil
Incident Dt:	9/8/2005	***Client Type:***	
Year:		***Sector Type:***	Other Motor Vehicle
Incident Cause:	Other Transport Accident	***Source Type:***	
Incident Event:		***Nearest Watercourse:***	
Contaminant Code:		***Site Name:***	Upper Middle Road and Cavendish<UNOFFICIAL>
Contaminant Name:	ENGINE OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Halton-Peel
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	
Environment Impact:	Possible	***Site Municipality:***	Burlington

Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:	Water	***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	9/8/2005	***Site Map Datum:***	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:	Spills to Watercourses		
Incident Reason:			
Incident Summary:	Upper Middle Rd. Burlington- oil spill CB		

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

Upper Middle Rd east of Walkers Line Burlington ON

Ref No:	6122-7JMRSX	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Client Type:***	
Year:		***Sector Type:***	Other
Incident Cause:		***Source Type:***	
Incident Event:		***Nearest Watercourse:***	
Contaminant Code:	98	***Site Name:***	Creek<UNOFFICIAL>
Contaminant Name:	UNKNOWN	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Halton-Peel
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Burlington
Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	
MOE Response:	No Field Response	***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	9/19/2008	***Site Map Datum:***	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:	Watercourse Spills		
Incident Reason:			
Incident Summary:	Milky white material in Creek		

Site: ***BFI WASTE SYSTEMS*** ***Database:*** ***SPL***

UPPER MIDDLE RD EAST OF DUNCASTER ON THE SOUTH SIDE MOTOR VEHICLE (OPERATING FLUID)
BURLINGTON CITY ON

Ref No:	115069	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	6/29/1995	***Client Type:***	
Year:		***Sector Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Source Type:***	
Incident Event:		***Nearest Watercourse:***	
Contaminant Code:		***Site Name:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	14101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	CITY OF BURLINGTON
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	6/29/1995	***Site Map Datum:***	

Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: OVERSTRESS/OVERPRESSURE
Incident Summary: BFI: 50 L HYDRAULIC OIL TO ROAD, 10 L TO CB FROM TRUCK. CLEANUP CONTRACTED

Site:
lot 6 ON

Database: ***WWIS***

Well ID: 2807007
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: Livestock
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 31538
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 9/20/1988
Selected Flag: Yes
Abandonment Rec:
Contractor: 3372
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: HALTON HILLS TOWN (ESQUESING)
Site Info:
Lot: 006
Concession:
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10153270
DP2BR:
Spatial Status:
Code OB: x
Code OB Desc: Unknown type in the lower layers(s)
Open Hole:
Cluster Kind:
Date Completed: 13-SEP-88
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
Org CS:
North83:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931445298
Layer: 4
Color:
General Color:
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 30
Formation End Depth UOM: ft

Formation ID: 931445295
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Formation ID: 931445297
Layer: 3
Color:
General Color:
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 20
Formation End Depth UOM: ft

Formation ID: 931445302
Layer: 8
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 91
Other Materials: WATER-BEARING
Mat3:
Other Materials:
Formation Top Depth: 65
Formation End Depth: 65
Formation End Depth UOM: ft

Formation ID: 931445300
Layer: 6
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 50
Formation End Depth: 60
Formation End Depth UOM: ft

Formation ID: 931445296
Layer: 2
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3
Formation End Depth: 10
Formation End Depth UOM: ft

Formation ID: 931445301
Layer: 7
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 60
Formation End Depth: 65
Formation End Depth UOM: ft

Formation ID: 931445299
Layer: 5
Color:
General Color:
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 30
Formation End Depth: 50
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933139654
Layer: 2
Plug From: 2
Plug To: 10
Plug Depth UOM: ft

Plug ID: 933139653
Layer: 1
Plug From:
Plug To: 2
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962807007
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10701840
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930260693
Layer: 1
Material:
Open Hole or Material:

Depth From:
Depth To: 57
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933338922
Layer: 1
Slot: 010
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 10

Results of Well Yield Testing

Pump Test ID: 992807007
Pump Set At:
Static Level: 35
Final Level After Pumping: 35
Recommended Pump Depth: 10
Pumping Rate: 8
Flowing Rate:
Recommended Pump Rate: 8
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 3
Pumping Duration MIN: 20
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934177792
Test Type:
Test Duration: 15
Test Level: 35
Test Level UOM: ft

Pump Test Detail ID: 934971518
Test Type:
Test Duration: 60
Test Level: 35
Test Level UOM: ft

Pump Test Detail ID: 934451388
Test Type:
Test Duration: 30
Test Level: 35
Test Level UOM: ft

Pump Test Detail ID: 934710538
Test Type:
Test Duration: 45
Test Level: 35
Test Level UOM: ft

Water Details

Water ID:	933610461
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	
Water Found Depth UOM:	ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2017

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Jan 31, 2018

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks: Provincial CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2018

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 - Apr 2018

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

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Apr 2018

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Jul 31, 2018

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886-Nov 30, 2017

Dry Cleaning Facilities: Federal DRYCLEANERS

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2016

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Jul 31, 2018

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Jul 31, 2018

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Jul 31, 2018

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Feb 28, 2018

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities: Provincial EXP

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-May 2018

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2017

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-December 31, 2017

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2016

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the 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. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Environmental Penalty Annual Report: Provincial MISA PENALTY

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2017

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 2018

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2016

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Mar 31, 2018

National Energy Board Wells: Federal NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGW

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

Government Publication Date: 1988-April 30, 2018

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-May 2018

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Jul 31, 2018

Canadian Pulp and Paper: Private PAP

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

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988-Mar 2018

TSSA Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Jul 31, 2018

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2018

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Jan 31, 2018

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-May 2018

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2016

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2017

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Jul 31, 2018

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Dec 31, 2017

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix D
Regulatory Document
and Maps

Ministry of the Environment, Conservation and Parks

Freedom of Information and Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075

Ministère de l'Environnement, de la Protection de la nature et des Parcs

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

Ontario

September 18, 2018

Rick Fioravanti
DS Consultants Ltd.
6221 Highway 7, Unit 16
Vaughan, ON L4K 0K8

Dear Rick Fioravanti:

RE: *Freedom of Information and Protection of Privacy Act* Request
Our File #: A-2018-06020, Your Reference #: 18-687-20

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 2155 Country Club Drive, Burlington.

After a thorough search of the Ministry's Halton-Peel District Office, Investigations and Enforcement Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, records were located in response to your request. It is my decision to provide full access to the attached information.

In accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, detailed below are our charges:

• Search Time 1 hour @ $30/hour	$ 30.00
• Copying 6 pages @ $0.20/page	$ 1.20
• Delivery	3.00
• **Total**	**$ 34.20**
• Deposit Received	- 30.00
• **BALANCE WAIVED (NOT REQUIRED)**	**$ 4.20**

To conduct a search through the files of the Environmental Assessment and Permissions Branch requires an additional 8 hours. If you would like us to search for Environmental Compliance Approvals/Certificates of Approval at the Environmental Assessment and Permissions Branch (EAPB), please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of $240.00. Please note that there is no guarantee any records will be located responsive to your request. Credit card forms are available on the Ministry's website http://www.ontario.ca/environment-and-energy/freedom-information-request-form. Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the search conducted at the Environmental Assessment and Permissions Branch, the time for answering your request will be extended for an additional 30 days.

The Sector Compliance Branch has advised that there may be inactive records in the Records Centre, Mississauga. To retrieve these files there is a charge of $60.00 with no guarantee that any records will be located responsive to your request. If you would like us to retrieve these files, please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of $60.00. Credit card forms are

available on the Ministry's website http://www.ontario.ca/environment-and-energy/freedom-information-request-form. Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the files retrieved from the Records Centre, the time for answering your request will be extended for an additional 30 days.

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a $25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Moliann Weir at Moliann.Weir4@ontario.ca.

Yours truly,

for Janet Dadufalza
FOI Manager

Attachments

Ontario

Ministry of the Environment and Climate Change
Ministère de l'Environnement et de l'Action en matière de changement climatique

TECHNICAL SUPPORT PROJECT

Reference Number:	8065-9VSJ5G	**File Storage Number:**	
Module:	Technical Support	**Project Type:**	TS Internal
Cross Reference:			
Originating Document:		**Created by:**	Zhiping Yang
Date Created:	2015/04/21	**Date Completed:**	
Status:	Active		

Client(s)

Client Details

2079610 Ontario Ltd., Business/Facility Name: Millcroft Golf Club
Mailing Address: 2155 Country Club Dr, Burlington, Ontario, Canada, L7M 4A8
Physical Address: 2155 Country Club Dr, Burlington, City, Regional Municipality of Halton, Ontario, Canada, L7M 4A8
Telephone: (905)332-5111, Extension: 24, FAX: (905)332-5624, email: jennifero@bellnet.ca
Client #: 7166-6Y5LJF, Client Type: Corporation, NAICS: 71391

Site(s)

Site Details

Millcroft Golf Club
Address: 2155 Country Club Dr, Burlington, City, Regional Municipality of Halton, L7M 4A8
District Office: Halton-Peel
GeoReference: Map Datum: NAD83, Zone: 17, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, Method: Map, UTM Easting: 597491, UTM Northing: 4804676, ,
Site #: 5845-6Y5LME

Review Details

Project Description:	Review Burnbside Report "Permit to Take Water Implementation Report" March 2015.
Project Name:	2079610 Ontario Ltd. o/a Millcroft Golf Club, Permit to Tale Water Work Plan
Project Type:	TS Internal
Due Date:	2015/05/31

Ontario

Ministry of the Environment and Climate Change
Ministère de l'Environnement et de l'Action en matière de changement climatique

TECHNICAL REVIEW

Reference Number:	6416-9VSJBL	**File Storage Number:**	
Module:	Technical Support	**Program Area:**	Surface Water
Cross Reference:	8065-9VSJ5G	**Task Link:**	6025-9VSJGH
Originating Document:	Technical Support 8065-9VSJ5G	**Created by:**	Zhiping Yang
Date Created:	2015/04/21	**Date Completed:**	
Bring Forward Date:		**Bring Forward Reason:**	
Program	Technical Support	**Activity:**	Technical Support

Client(s)

Client Details

2079610 Ontario Ltd., Business/Facility Name: Millcroft Golf Club
Mailing Address: 2155 Country Club Dr, Burlington, Ontario, Canada, L7M 4A8
Physical Address: 2155 Country Club Dr, Burlington, City, Regional Municipality of Halton, Ontario, Canada, L7M 4A8
Telephone: (905)332-5111, Extension: 24, FAX: (905)332-5624, email: jennifero@bellnet.ca
Client #: 7166-6Y5LJF, Client Type: Corporation, NAICS: 71391

Site(s)

Site Details

Millcroft Golf Club
Address: 2155 Country Club Dr, Burlington, City, Regional Municipality of Halton, L7M 4A8
District Office: Halton-Peel
GeoReference: Map Datum: NAD83, Zone: 17, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, Method: Map, UTM Easting: 597491, UTM Northing: 4804676, ,
Site #: 5845-6Y5LME

Review Details

Project Description:	Review Burnbside Report "Permit to Take Water Implementation Report" March 2015.		
Project Name:	2079610 Ontario Ltd. o/a Millcroft Golf Club, Permit to Tale Water Work Plan		
Keywords:	Permits		
Project Type:	TS Internal		
Received Date:	2015/03/30		
Due Date:	2015/05/31		
Review Type:	Monitoring/Reporting - PTTWs	**Review Status:**	In Progress

Request Details

Review Bumside Report " Permit to Take Water Implementation Report, March 2015. (WMD No. 43193)

Technical Reviewer Details

Ontario

Ministry of the Environment and Climate Change
Ministère de l'Environnement et de l'Action en matière de changement climatique

eMail

Email Sent to Signing Officer

Zhiping Yang
Sent: October 26, 2015 09:41 AM

Send To:	Helen Zhang
Other Email Addresses:	
Subject:	taks completed

Technical Support

Review Type - **Monitoring/Reporting - PTTWs**

Reference Number
6416-9VSJBL

2079610 Ontario Ltd.
2155 Country Club Dr
Burlington, Ontario
L7M 4A8

Millcroft Golf Club
2155 Country Club Dr
Burlington, Regional Municipality of Halton
L7M 4A8

Attachments:	

I Called Steve on April 40, 2015 after I reviewed the consultant report "Permit to Take Water Implementation Report, 2079610 Ontario Ltd. o/a Millcroft Golf Club. I have provided the following comments to the consultant:

1) I have generally no concern to divert maximum 50% of the stream flow (Appleby Creek) into the pond for the golf course irrigation, after making the pond offline. Considering that the golf course it currently taking 100% streamflow into the pond, I believe that the proposed plan will significantly improve the flow conditions downstream.
2) Please provide the construction plan to the CVC for their comments. I am available for any further discussion with CVC if required.
3) After consultation with the CVC, please send application to the CVC for a construction permit for the construction (making the pond offline).
4) Please provide a timetable for the proposed construction; ideally, all construction should be completed before the existing permit expires.

isaac.feng@dsconsultants.ca

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Monday, September 10, 2018 4:39 PM
To: isaac.feng@dsconsultants.ca
Subject: Preliminary Basic Record Search-2155 Country Club Drive, Burlington, ON

Record Found (Fuels only)
Hello Issac. Thank you for your request for confirmation of public information.
I have searched the below noted address(es) and I have located the following record:
Inst NumberContextAddressCityProvincePostal CodeStatus
10333845FS PRIVATE FUEL OUTLET - SELF SERVE2155 COUNTRY CLUB DR BURLINGTONONL7M 4A8Active
11640060FS Liquid Fuel Tank2155 COUNTRY CLUB DR BURLINGTONONL7M 4A8Active
11640081FS Liquid Fuel Tank2155 COUNTRY CLUB DR BURLINGTONONL7M 4A8Active
25950163FS CYLINDER EXCHANGE2010 APPLEBY LINE BURLINGTONONL7L 6M5Active
For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org or through mail along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.
Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.
Kind regards,
Gaya

-----Original Message-----
From: isaac.feng@dsconsultants.ca <isaac.feng@dsconsultants.ca>
Sent: September 10, 2018 9:47 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Re: Clarification of safety program required : Preliminary Basic Record Search-2155 Country Club Drive, Burlington, ON

Hello Gaya,

I would like TSSA to search for fuel tanks.

Isaac

On 2018-09-10 09:40 AM, Public Information Services wrote:
> Customer to clarify safety program:
> Hello Issac. Thank you for your request for confirmation of public
> information.
> To facilitate our search, would you kindly specify which safety
> program(s) or technology (e.g. fuel tanks, boilers/pressure vessels,
> elevators, etc.) you want TSSA to search.
> Thank you in advance and kind regard,
> Gaya
>
>
> -----Original Message-----

> From: isaac.feng@dsconsultants.ca <isaac.feng@dsconsultants.ca>
> Sent: September 5, 2018 3:51 PM
> To: Public Information Services <publicinformationservices@tssa.org>
> Subject: Preliminary Basic Record Search-2155 Country Club Drive,
> Burlington, ON
>
> Hello,
>
> Could you please check your records for the following properties
> located in the city of Burlington.
>
> 2155 Country Club Drive
> 2010, 2020, 2030 Appleby Line
> 4300 Upper Middle Road
> 2165 Itabashi Way
> 1820 Ironstone Dr.
> 4227 Millcroft Park Dr.
> 4152 Susan Court
> 2001 Atkinson Road
>
> Regards,
>
> Isaac Feng
> 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.
This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Ministry of Natural Resources and Forestry

Make-a-Map: Natural Heritage Areas

Millcroft Golf Course

Notes: Enter map notes



Legend

- Assessment Parcel
- Woodland
- Conservation Reserve
- Provincial Park
- Natural Heritage System
- Ecoregion

Wetland
- Provincially Significant Wetland Evaluated
- Non - Provincially Significant Wetland Evaluated
- Unevaluated Wetland

Area of Natural Heritage & Scientific Interest (ANSI)
- Provincially Significant Life Science ANSI
- Provincially Significant Earth Science ANSI

Greenbelt Plan
- Boundary
- River Valley Connections

Land Use Designations
- Protected Countryside
- Towns and Villages
- Hamlets
- Urban River Valley
- Specialty Crop Area

Niagara Escarpment Plan (NEP)
- Boundary
- Parks and Open Space System

Land Use Designations
- Escarpment Natural Area
- Escarpment Protection Area
- Escarpment Rural Area
- Mineral Resource Extraction Area
- Escarpment Recreation Area
- Urban Area
- Minor Urban Centre

Oak Ridges Moraine Conservation Plan (ORM)
- Boundary

Land Use Designations
- Natural Core Area
- Natural Linkage Area
- Countryside Area
- Rural Settlement
- Palgrave Estates Residential Community
- Settlement Area

0.7 0 0.33 0.7 Kilometers



This map should not be relied on as a precise indicator of routes or locations, nor as a guide to navigation. The Ontario Ministry of Natural Resources and Forestry(OMNRF) shall not be liable in any way for the use of, or reliance upon, this map or any information on this map.

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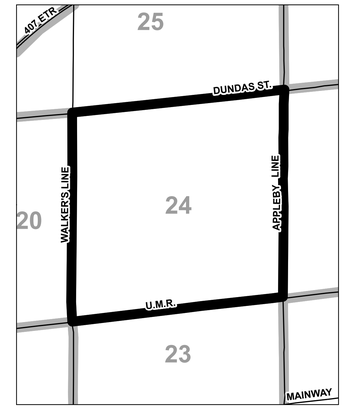
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MAP No. - 24



Map Index



Regulatory Flood Plain

Niagara Escarpment Development Control Area

Designated Areas for Lot Coverage

Creeks

Character Study Area

Downtown

BY-LAW AMENDMENTS

2020.12 2020.27 2020.49 2020.55
2020.59 2020.80 2020.78 2020.114
2020.122 2020.126 2020.185 2020.199
2020.240 2020.205 2020.263 2020.269
2020.305 2020.340

ZONE DESCRIPTION

R	Detached Residential	Part 2
RM	Multiple Attached Residential	"
RH	Apartment Residential	"
RO	Orchard Comm. Res.	"
RA	Alton Comm. Res.	"
BC	Business Corridor	Part 3
GE	General Employment	"
CR	Regional Commercial	Part 4
CE	Employment Commercial	"
CC	Community Commercial	"
CN	Neighbourhood Commercial	"
MXG	Mixed Use-General	Part 5
MXC	Mixed Use-Commercial Corridor	"
MXE	Mixed Use-Employment	"
MXCTSA	Mixed Use-Transit Station Area	"
DC,DW, DL,DRH, DRM,DRL, DI	Downtown Centre	Part 6
UC	Uptown Centre	Part 7
RA,RG, EP,ME	Rural	Part 8
NA	North Aldershot	Part 9
PC	Community Park	Part 10
P	Neighbourhood Park	"
O	Open Space	"
H	Holding Symbol	Part 11
D	Development	Part 12
S	Utility Services	"

CITY OF BURLINGTON ZONING BY-LAW 2020

WARNING!
The information contained herein is compiled from other documentation and may contain errors, ommission or inaccuracies. The City of Burlington, its officers, employees and agents are not responsible for, and the users by accepting this document hereby waive as against the said City, its officers, employees, agents, any claim for damages arising from or in any way related to any errors, ommissions, misrepresentation or inaccuracies contained in this document whether due to negligence or otherwise. Any user is advised to verify all information and assume all risk in relying on the information contined hereon.

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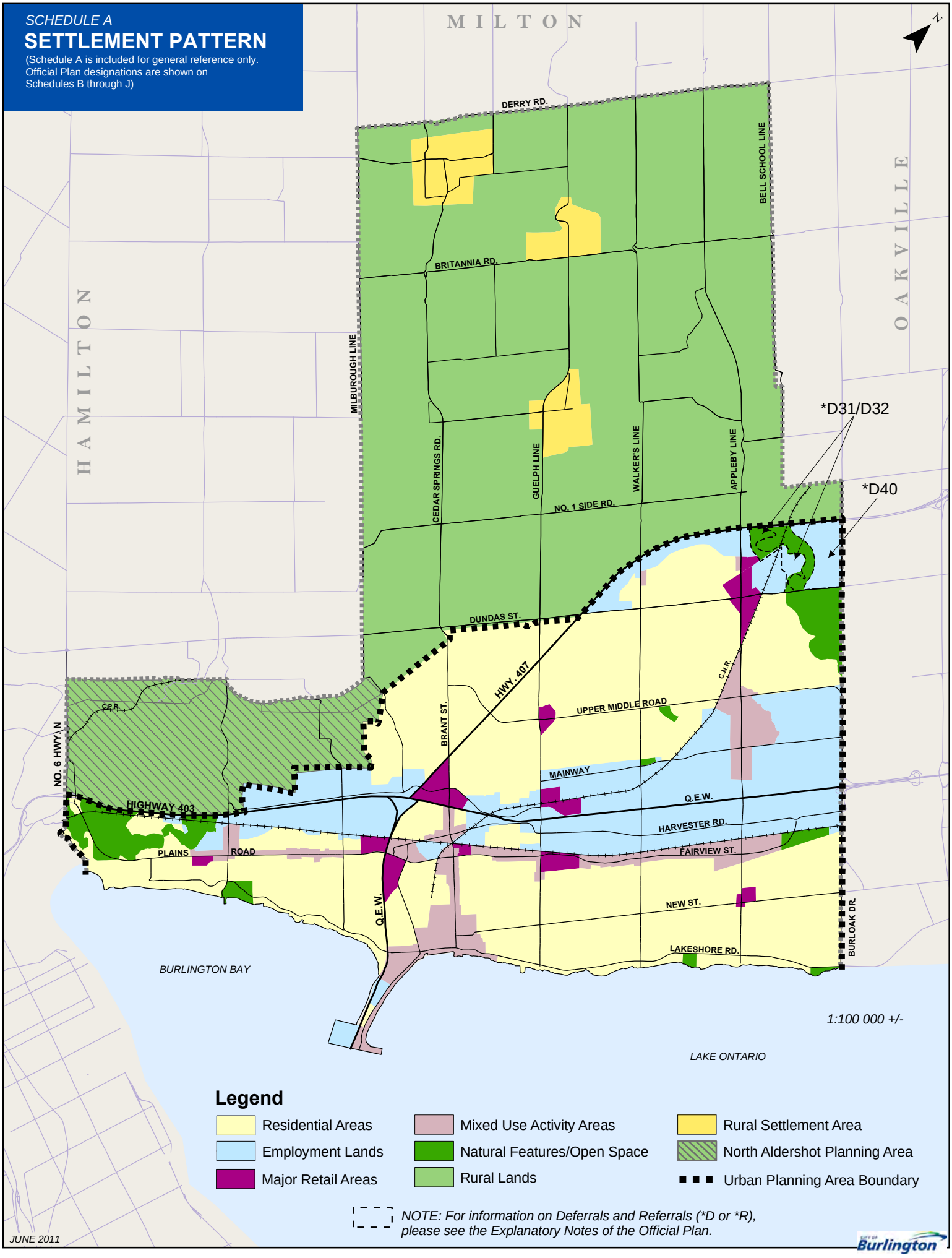
Burlington

11/3/2017

SCHEDULE A

SETTLEMENT PATTERN

(Schedule A is included for general reference only. Official Plan designations are shown on Schedules B through J)



Legend

- Residential Areas
- Employment Lands
- Major Retail Areas
- Mixed Use Activity Areas
- Natural Features/Open Space
- Rural Lands
- Rural Settlement Area
- North Aldershot Planning Area
- Urban Planning Area Boundary

*NOTE: For information on Deferrals and Referrals (*D or *R), please see the Explanatory Notes of the Official Plan.*

JUNE 2011

City of Burlington

Schedule B

COMPREHENSIVE LAND USE PLAN- URBAN PLANNING AREA

Legend

- Residential - Low Density
- Residential - Medium Density
- Residential - High Density
- General Employment
- Business Corridor
- Regional Commercial
- Community Commercial
- Employment Commercial
- Neighbourhood Commercial
- Mixed Use Centre
- Mixed Use Corridor - General
- Mixed Use Corridor - Commercial Corridor
- Mixed Use Corridor - Employment
- Greenlands
- Major Parks and Open Space
- Environmentally Sensitive Area (Note: Boundaries based on Map 1 of the Region of Halton Official Plan (2006)
- Parkway Belt Plan Area (Note: All lands within Parkway Belt West Plan Area Subject to Deferral *9)
- Land Use Designation to be Determined
- Urban Planning Area Boundary
- Watercourses - Conceptual only, refer to Part III, Section 6.4.2 d
- Former Waste Disposal Site
- Downtown Urban Growth Centre Boundary

RURAL PLANNING AREA

NORTH ALDERSHOT PLANNING AREA

HAMILTON

OAKVILLE

BURLINGTON BAY

LAKE ONTARIO

*D31/*D32

*D42

*D47

*R16

*D28

HWY 407

HWY 403

HWY 6

Q.E.W.

C.N.R.

C.P.R.

DUNDAS ST.

UPPER MIDDLE ROAD

UPPER MIDDLE RD.

MAINWAY

NORTH SERVICE RD.

SOUTH SERVICE RD.

LEIGHLAND RD.

HARVESTER RD.

FAIRVIEW ST.

PLAINS RD. E

PLAINS RD. W.

TOWNSEND AVE.

NORTH SHORE BLVD. E

LAKESHORE RD.

NEW ST.

SPRUCE AVE

REBECCA ST.

CEDAR SPRINGS RD.

GUELPH LINE

APPLEBY LINE

BURLOAK DR.

TREMAINE RD.

PALLADIUM WAY

THOMAS ALTON BLVD.

DRYDEN AVE

SUTTON RD.

BERWICK DR.

MILLCROFT PARK DR.

HEADON RD.

HEADON FOREST DR.

CAVENDISH DR.

WALKER'S LINE

KERNS RD.

FISHER AVE

BRANT ST.

MOUNTAINSIDE DR.

CORPORATE DR.

OLD YORK RD.

WATERDOWN RD.

KING RD.

MAPLE AVE.

HAGER AVE

DRURY LANE

SENECA AVE.

CUMBERLAND AVE.

PINECOVE RD.

BELVENIA ROAD

HEATH RD.

HAMPTON

EASTPORT DR.

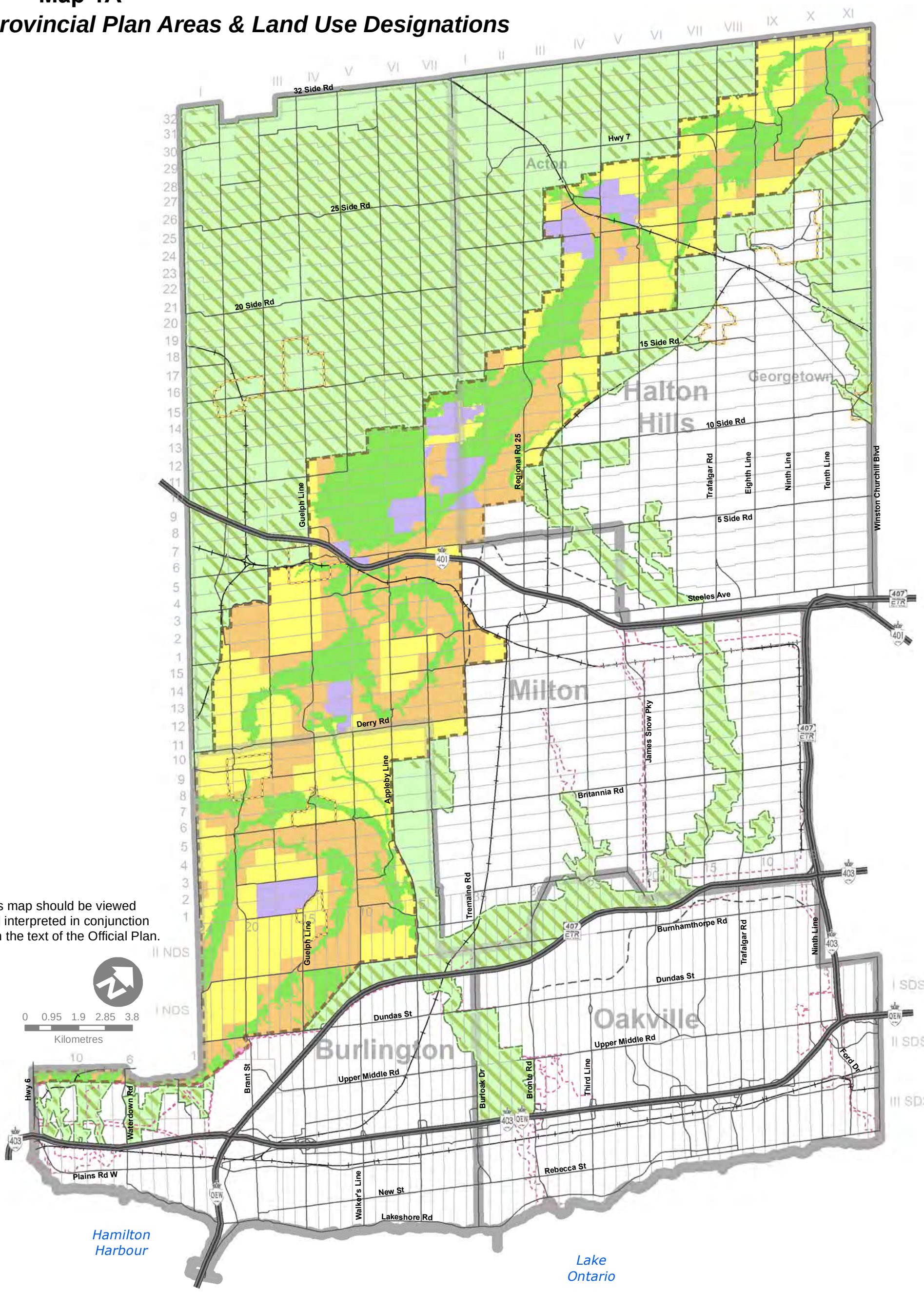
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NOTE: For information on Deferrals and Referrals (*D or *R), please see the Explanatory Notes of the Official Plan.

OCTOBER 2017

Map 1A

Provincial Plan Areas & Land Use Designations



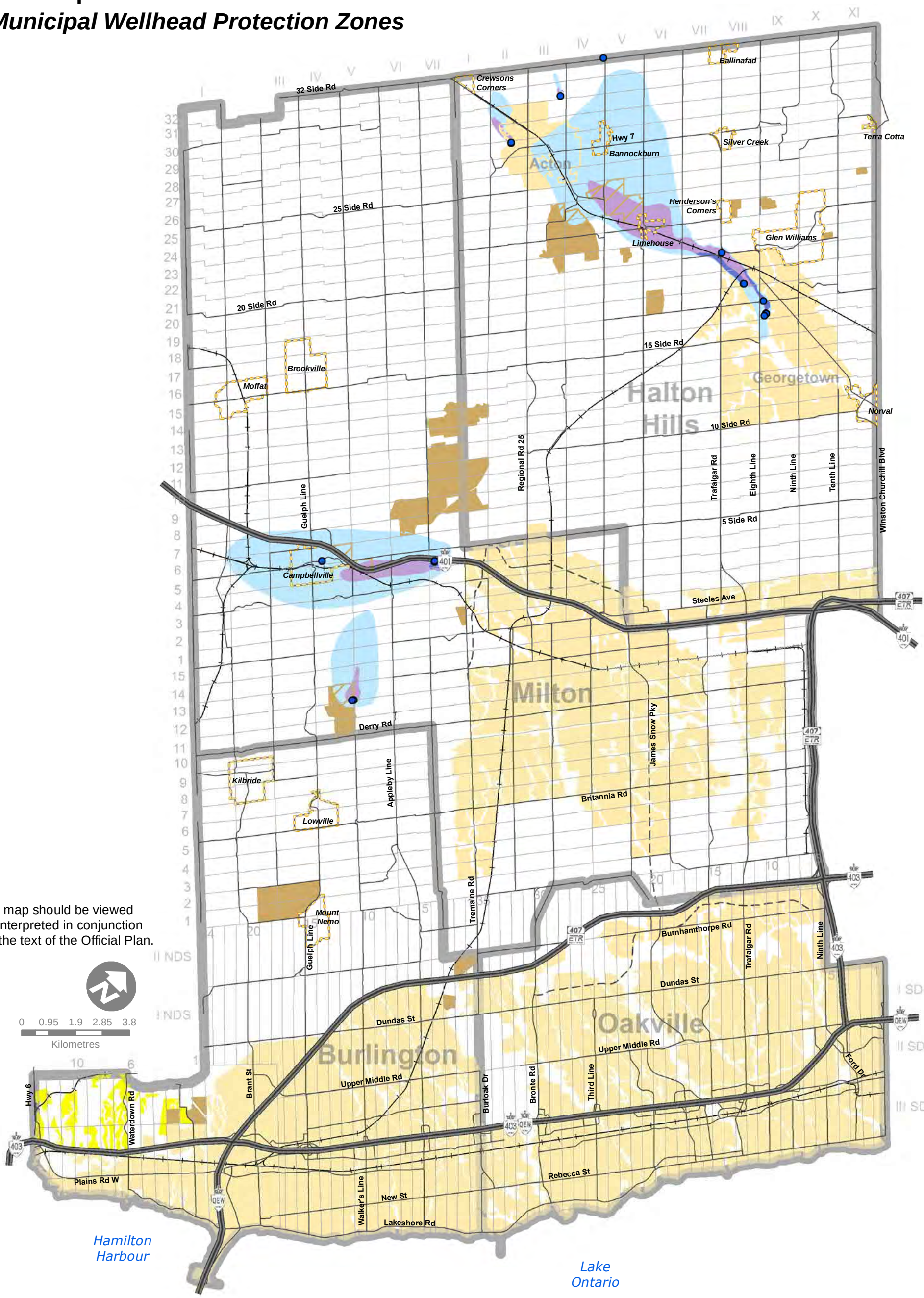
This map should be viewed and interpreted in conjunction with the text of the Official Plan.

- Rail Line
- Proposed Major Arterial
- Major Road
- Provincial Freeway
- Lot and Concession Line
- Municipal Boundary
- Parkway Belt West Plan Area
- Greenbelt Plan Protected Countryside Area
- Natural Heritage System (Greenbelt Plan)
- Niagara Escarpment Plan Area
- Hamlet Boundary
- Escarpment Natural Area
- Escarpment Protection Area
- Escarpment Rural Area
- Escarpment Mineral Resource Extraction Area

June 19, 2018

Map 1D

Municipal Wellhead Protection Zones



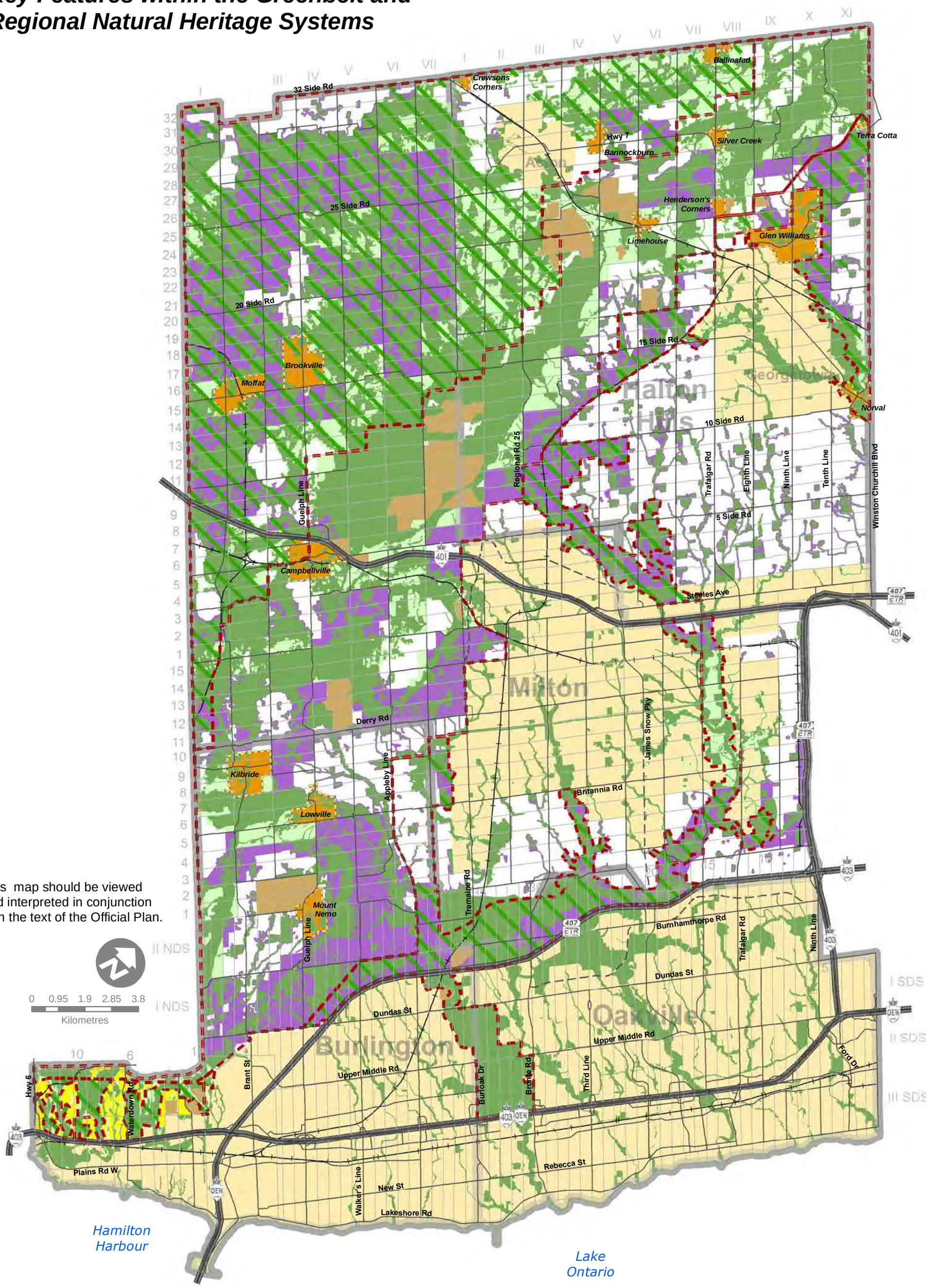
This map should be viewed and interpreted in conjunction with the text of the Official Plan.

- Municipal Well
- Rail Line
- Proposed Major Arterial
- Major Road
- Provincial Freeway
- Lot and Concession Lines
- Municipal Boundary
- Urban Area
- Hamlet
- Mineral Resource Extraction Area
- North Aldershot Policy Area
- Zone 1 (100 Day Travel Time)
- Zone 2 (100 Day to 2 Year Travel Time)
- Zone 3 (2 Year to 10 Year Travel Time)

June 19, 2018

Map 1G

Key Features within the Greenbelt and Regional Natural Heritage Systems



This map should be viewed and interpreted in conjunction with the text of the Official Plan.

June 19, 2018

J:\-GIS\18-687-20 Millcroft Golf Course_Argo (Millcroft) Ltd\1-QGIS\Phase One\Appendix D\Figure D-1 1954 Aerial



Source: Ministry of Natural Resources

Legend

- Phase One Boundary
- Site Boundary
- 250m Buffer

0 100 200 m

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Client: ARGO DEVELOPMENT CORP

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2155 Counrty Club Drive, Burlington, ON

Title: **1954 AERIAL PHOTOGRAPHY**

Approved By:	Drawn By:	Date:
S.A	S.Y	November 2018
Scale:	**Project No.:**	**Figure No.:**
As Shown	18-687-20	**D-1**

J:\-GIS\18-687-20 Millcroft Golf Course_Argo (Millcroft) Ltd\1-QGIS\Phase One\Appendix D\Figure D-2 1972 Aerial



Source: Ministry of Natural Resources

Legend

- Phase One Boundary
- Site Boundary
- 250m Buffer

0 100 200 m

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Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

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Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2155 Counrty Club Drive, Burlington, ON

Title: **1972 AERIAL PHOTOGRAPHY**

Approved By:	Drawn By:	Date:
S.A	S.Y	November 2018
Scale: As Shown	Project No.: 18-687-20	Figure No.: **D-2**

J:\-GIS\18-687-20 Millcroft Golf Course_Argo (Millcroft) Ltd\1-QGIS\Phase One\Appendix D\Figure D-3 1978 Aerial



Source: Ministry of Natural Resources

Legend

- Phase One Boundary
- Site Boundary
- 250m Buffer

0 100 200 m

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Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2155 Counrty Club Drive, Burlington, ON

Title: **1978 AERIAL PHOTOGRAPHY**

Approved By:	Drawn By:	Date:
S.A	S.Y	November 2018
Scale: As Shown	**Project No.:** 18-687-20	**Figure No.:** D-3

J:\-GIS\18-687-20 Millcroft Golf Course_Argo (Millcroft) Ltd\1-QGIS\Phase One\Appendix D\Figure D-4 2005 Aerial



Source: Google Earth 2005 Historical

Legend

- Phase One Boundary
- Site Boundary
- 250m Buffer

0 100 200 m

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Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
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Client: ARGO DEVELOPMENT CORP

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2155 Counrty Club Drive, Burlington, ON

Title: **2005 AERIAL PHOTOGRAPHY**

Approved By:	Drawn By:	Date:
S.A	S.Y	November 2018

Scale:	Project No.:	Figure No.:
As Shown	18-687-20	**D-4**

J:\-GIS\18-687-20 Millcroft Golf Course_Argo (Millcroft) Ltd\1-QGIS\Phase One\Appendix D\Figure D-5 2018 Aerial



Source: Google Earth @Google2018

Legend

- Phase One Boundary
- Site Boundary
- 250m Buffer

0 100 200 m

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Telephone: (905) 264-9393
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Client: ARGO DEVELOPMENT CORP

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2155 Counrty Club Drive, Burlington, ON

Title: **2018 AERIAL PHOTOGRAPHY**

Approved By:	Drawn By:	Date:
S.A	S.Y	November 2018
Scale:	**Project No.:**	**Figure No.:**
As Shown	18-687-20	**D-5**

Appendix E
Site Photographs

Photograph 1



Location:	2155 Country Club Drive
Viewing:	Northeast
Description:	View of the millhouse with the pond on the southwest corner of the Property from Country Club Drive.

Photograph 2



Location:	Phase One Property, East Hole
Viewing:	Southeast
Description:	View of the hills on the East Hole from Millcroft Park Drive.

Photograph 3



Location:	Hadfield Court
Viewing:	Southeast
Description:	View of the residential houses along Hadfield Court.



Photograph 4

Location:	Millcroft Park Drive
Viewing:	West
Description:	View of Millcroft Park Drive and northwest corner of the Property.



Photograph 5

Location:	Phase One Property, West Hole
Viewing:	South from Millcroft Park Drive
Description:	View of the clearings and sidewalk on the West Hole.



Photograph 6

Location:	Hadfield Court
Viewing:	East
Description:	View of the storm sewer cover on the sidewalk next to the golf courses and adjoining residential houses along the street.



Photograph 7

Location:	Phase One Property
Viewing:	South
Description:	View of the northern portion of the West Hole and uneven surface of the Property.



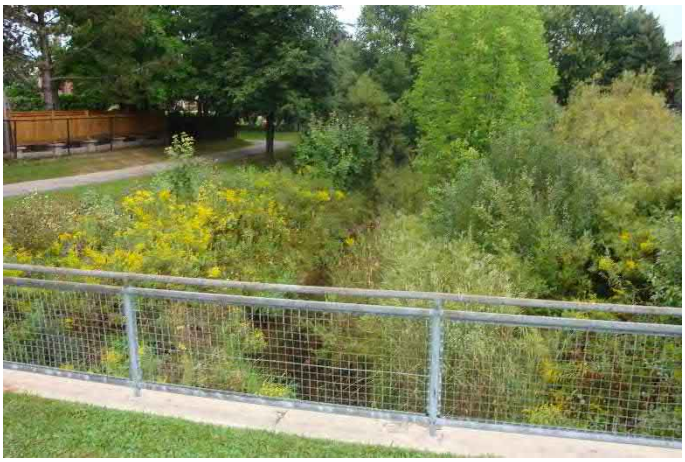
Photograph 8

Location:	Phase One Property
Viewing:	Southeast
Description:	View of the West Hole, looking towards the commercial properties located to the south of Upper Middle Road.



Photograph 9

Location:	Millcroft Park Drive
Viewing:	Northwest
Description:	View of bridge over Appleby Creek located to the west of the Property looking towards Millcroft Park Drive.



Photograph 10

Location:	Appleby Creek
Viewing:	Southwest
Description:	View of the creek bordering the Property.



Photograph 11

Location:	Millcroft Park Drive
Viewing:	Southeast
Description:	View of the East Hole from Millcroft Park Drive.



Photograph 12

Location:	East Hole
Viewing:	Southeast
Description:	View of the East Hole and uneven surface of the Property.

Appendix F
Potentially Contaminating Activities

POTENTIALLY CONTAMINATING ACTIVITIES (PCA's)

Item	Column A Potentially Contaminating Activity		
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	**30.**	Importation of Fill Material of Unknown Quality
2.	Adhesives and Resins Manufacturing, Processing and Bulk Storage	**31.**	Ink Manufacturing, Processing and Bulk Storage
3.	Airstrips and Hangars Operation	**32.**	Iron and Steel Manufacturing and Processing
4.	Antifreeze and De-icing Manufacturing and Bulk Storage	**33.**	Metal Treatment, Coating, Plating and Finishing
5.	Asphalt and Bitumen Manufacturing	**34.**	Metal Fabrication
6.	Battery Manufacturing, Recycling and Bulk Storage	**35.**	Mining, Smelting and Refining; Ore Processing; Tailings Storage
7.	Boat Manufacturing	**36.**	Oil Production
8.	Chemical Manufacturing, Processing and Bulk Storage	**37.**	Operation of Dry Cleaning Equipment (where chemicals are used)
9.	Coal Gasification	**38.**	Ordnance Use
10.	Commercial Autobody Shops	**39.**	Paints Manufacturing, Processing and Bulk Storage
11.	Commercial Trucking and Container Terminals	**40.**	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
12.	Concrete, Cement and Lime Manufacturing	**41.**	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage
13.	Cosmetics Manufacturing, Processing and Bulk Storage	**42.**	Pharmaceutical Manufacturing and Processing
14.	Crude Oil Refining, Processing and Bulk Storage	**43.**	Plastics (including Fibreglass) Manufacturing and Processing
15.	Discharge of Brine related to oil and gas production	**44.**	Port Activities, including Operation and Maintenance of Wharves and Docks
16.	Drum and Barrel and Tank Reconditioning and Recycling	**45.**	Pulp, Paper and Paperboard Manufacturing and Processing
17.	Dye Manufacturing, Processing and Bulk Storage	**46.**	Rail Yards, Tracks and Spurs
18.	Electricity Generation, Transformation and Power Stations	**47.**	Rubber Manufacturing and Processing
19.	Electronic and Computer Equipment Manufacturing	**48.**	Salt Manufacturing, Processing and Bulk Storage
20.	Explosives and Ammunition Manufacturing, Production and Bulk Storage	**49.**	Salvage Yard, including automobile wrecking
21.	Explosives and Firing Range	**50.**	Soap and Detergent Manufacturing, Processing and Bulk Storage
22.	Fertilizer Manufacturing, Processing and Bulk Storage	**51.**	Solvent Manufacturing, Processing and Bulk Storage

23.	Fire Retardant Manufacturing, Processing and Bulk Storage	**52.**	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems
24.	Fire Training	**53.**	Tannery
25.	Flocculants Manufacturing, Processing and Bulk Storage	**54.**	Textile Manufacturing and Processing
26.	Foam and Expanded Foam Manufacturing and Processing	**55.**	Transformer Manufacturing, Processing and Use
27.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	**56.**	Treatment of Sewage equal to or greater than 10,000 litres per day
28.	Gasoline and Associated Products Storage in Fixed Tanks	**57.**	Vehicles and Associated Parts Manufacturing
29.	Glass Manufacturing	**58.**	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
		59.	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products

Table 2, schedule D, Ontario Regulation 153/04 (as amended)