

Phase One Environmental Site Assessment
Concession 1, Part Lot 8, North of Dundas Street
Oakville, Ontario

Prepared For:

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Appendix B – Preliminary Lotted Development Concept (July 2018)

Appendix C – EcoLog ERIS Report

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Appendix E – Mapping and Aerial Photographs

Appendix F – Site Photographs

Appendix G – Table Current and Past Use

Appendix H – Potentially Contaminating Activities

1.0 EXECUTIVE SUMMARY

DS Consultants Ltd. (DS) was retained by Argo (Joshua Creek) Limited (the “Client”) to complete a Phase One Environmental Site Assessment (ESA) of the Property located at north side of Dundas Street East, Oakville, Regional Municipality of Halton, Ontario.

The Phase One Property is an approximately L-shaped parcel of land that covers an area of 38.48 hectares (95.1 acres). According to the Preliminary Lotted Development Concept (Draft), dated July 19, 2018 (Appendix B), 7.55 ha of the land is marked as Natural Heritage System (NHS) land use. Unnamed tributaries of Joshua’s Creek cross the Property in a southeasterly direction. The topography at the Property is undulating with a relatively slopes down towards the creeks and towards southeast. Joshua’s Creek is located within Study Area.

The Property is currently undeveloped and has historically been used for agricultural purposes. DS understands that, the Property will be developed by the Client and this Phase One ESA was requested for due diligence purposes and to facilitate development of the Property. It is further understood that the site is intended to be developed for residential use. A Record of Site Condition (RSC) filing will not be required to support the development to a less sensitive land use, in accordance with Ontario Regulation (O. Reg.) 153/04.

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).

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.

Based on the results of the Phase One ESA, including the records review, site visit, information provided by the client and pending receipt, the significant potential or actual sources of contamination were identified to be associated with the Property are as follows:

- Historical use of the Property for agricultural purposes (on site)
- Use of fill materials at the Property (on site).
- Possible impact from dumping unknown materials (on-site).
- Possible impacts from the adjoining southern property (1279 Dundas Street East) for use and storage of pesticides and industrial liquid wastes.

The following Table summarizes the area of potential environmental concerns (APECs) identified in the Phase One Property based on the above listed PCAs.

Table 1-1 Summary of APECs Identified on Phase One Property

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	Southwest and southeast of the Property	PCA#30-Importation of Fill Material of Unknown Quality	On Site	Metals, As, Sb, Se, B-HWS, CN Electrical Conductivity CR (VI) Hg SAR	Soil
APEC-2	Open Filed	PCA#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site	OCs	Soil and ground water
APEC-3	South of the Property	Other Dumping unknown materials at the Property	On Site	PHCs VOCs Metals, As, Sb, Se, B-HWS, CN Electrical Conductivity CR (VI) Hg SAR	Soil and ground water
APEC-4	Southern portion of the Property	PCA#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off Site	OCs	Soil
APEC - 5	Southern Portion of the Property	Other Storage and handling of Liquid hydrocarbon related Waste	Off Site	PHCs Metals, As, Sb, Se, B-HWS, CN Electrical Conductivity CR (VI) Hg SAR	Soil

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

Based on the findings of the Phase One ESA, a subsurface soil and ground water investigation (Phase Two Environmental Site Assessment) would be required to investigate issues of potential environmental concern that have been identified on the Phase One Property and in the Study Area and which may have resulted in the adverse impact to the environmental condition of the Phase One Property.

2.0 INTRODUCTION

DS Consultants Ltd. (DS) was retained by Argo (Joshua Creek) Limited to complete a Phase One ESA of the Property located at north of Dundas Street East, Oakville, Regional Municipality of Halton, Ontario. The Property has historically been used for agricultural purposes.

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). The Property Location is shown in Figure 1.

2.1 Phase One Property Information

The information for the Phase One Property is provided in the following Table.

Table 2-1: Phase One Property Information

Phase One Property	Information	Source
Legal Description	Part Lot 8, Concession 1, Parts 4, 5,6 and 7, HR-892160, Township of Trafalgar, NDS, Now in Town of Oakville, Regional Municipality of Halton	Land Registry Office
Property Identification Number (PIN)	24930-0169 (LT)	Land Registry Office
Legal Description	Part Lot 8, Concession 1, Part 1 20R61, S&E Parts 1, 2, 4, 5, 6 & 7, Township of Trafalgar, NDS, Now in Town of Oakville, Regional Municipality of Halton	Land Registry Office
Property Identification Numbers (PINs)	24930-0170 (LT) & 24930-0171 (LT)	Land Registry Office
Municipal Address	None	Town of Oakville, online-information, owner confirmation
Zoning	Existing Development (ED)	Town of Oakville, online-information

The ownership information for the Phase One Property is as follows:

Table 2-2: Phase One Property Owner Information

Property Owner	Address	Contact Name	Source
Diam Contractors Limited	Oakville	Diana Ditomaso Email: ditomaso@rogers.com	Diam Contractors Limited

2.2 Site Description

The Phase One Property is an approximately L shaped parcel of land located on the north side of Dundas Street East, in a mixed agricultural, residential and commercial area of the Town of Oakville. According to the Preliminary Lotted Development Concept (Draft) dated, July 19, 2018, prepared by Gerrard Design Associates (Appendix B), the Property covers an area of 38.65 hectares (95.1 acres). 7.55 ha (18.7 acres) of land has been marked as a Natural Heritage System (NHS) and 0.3 ha (0.7 acre) will be used for road widening. The developable area is estimated to be 30.95 ha (76.5 acres). A wooded area is located to the northeast of the Property is part of the NHS.

The Property is in an approximately 0.8 km to the west of Ninth Line. For discussion purposes, Dundas Street East at this location is assumed to be aligned in an east-west direction and Ninth Line in a north-south direction. A Plan of Survey prepared for the Phase One Property dated, April 2018, prepared by Rady-Pentex & Edward Surveying Ltd., Ontario Land Surveyor is provided in Appendix A.

2.3 Structures

The Property currently includes no structures.

2.4 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.

As part of this Phase One ESA, the owner's daughter, Ms. Diana Tomaso 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. 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 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

Obtaining and reviewing the following records if available for preparation of the Phase One ESA report:

- Review of physical setting information such as; aerial photographs, topographic mapping, available 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.
- Geological and hydrogeological information in published government maps and/or reports.
- A review of geological Survey of the Property.
- A review of information on file with Ecolog ERIS, a commercial database that provides information from numerous private, provincial, and federal environmental databases/registries.
- Review of 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.

- A review of environmental source information including published and online records from Ministry of the Environment, Conservation and Parks (MECP), Environment Canada, Technical Standards and Safety Authority (TSSA), Town of Oakville and Region of Halton.
- A review of the Ontario Ministry of Natural Resources (MNR) Natural Heritage Information Centre database and the Toronto Conservation Authority website for information specific to natural areas, such as locations of environmentally sensitive areas or species.

Site Reconnaissance

Conducting a site visit comprised of the following:

- Inspecting the Property and observing adjacent properties from the Phase One Property and public areas to identify areas of potential environmental concern and potential pathways for contamination at the Property and Phase One Study Area.

The site reconnaissance in general includes the following:

1. Identifying the site operations, processes, and waste management currently carried out on the Phase One Property.
2. Identifying neighbouring land uses (i.e. sensitive neighbours, 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 a fill of unknown quality 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. 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.

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 was kept at a 250 m radius from the Phase One Property boundary as no heavy industrial properties are currently located within 500 m of the Phase One Property. Properties within the 250 m radius currently consist mainly of agricultural, residential, 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 Area included the following property uses:

Table 4-1: Summary of Study Area Land Use

Direction	Addresses
North	<ul style="list-style-type: none">• Agricultural properties
East	<ul style="list-style-type: none">• Agricultural properties
South	<ul style="list-style-type: none">• 1297 Dundas Street East (commercial and residential)• Dundas Street East (commercial/transportation)• Residential subdivision• Commercial properties
West	<ul style="list-style-type: none">• Agricultural properties

The properties within the Phase One Study Area were a part of the site investigation and our historical review. Potentially contaminating activities identified during our review are discussed within our 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 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 has mainly been used for agricultural purposes.

4.1.3 Fire Insurance Plans

Fire insurance plans were prepared between 1875 and 1923 and were revised in some areas until the 1970s. A search of Fire Insurance Plans (FIPs) was undertaken at the Metropolitan Toronto Reference Library. FIPs were reviewed to confirm the building construction, occupancy, and potential fire hazard with details regarding storage tanks, boilers, transformers, electrical room, etc. The review revealed no Fire Insurance Plan was 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 Title search was completed for PINs # 24930-0169 (LT), 24930-0170 (LT) and 24930-0171 (LT) which covers the entirety of the Phase One Property. The Chain of Title covered the period from 1810 to the current (2018) as presented in Appendix A. The Property was first patented from The Crown to the Davidson family in 1810. According to the report the Property had been owned by private individuals from 1810 to 1961 and by the current owner Diam Contractors Limited since November 1961.

Information for the Chain of Title and Parcel Register is provided in Appendix A.

4.1.5 Environmental Reports

According to the owner of the Property, no environmental reports were available for the Property.

The Review of other Historical Information

City directories were reviewed at the Metropolitan Toronto Reference Library and Oakville Central Library. The city directories covered the period from 1958 to 2001. The review of the city directories (Oakville and Trafalgar Directory, Oakville Directory, and Peel Region and Ontario Criss-Cross Directory) revealed no information for the Phase One Property.

The review of directories indicated that the Phase One Study Area properties were used for agricultural and residential purposes.

According to the city directories the property located at 1279 Dundas Street East was used for residential purposes by Mr. Field from 1980 to 1987 and by Mr. Lanigan from 1988 to 1997. The property was listed under Rutherglen Lanfield Campus (school) in 1997 and by Campbell in 2001.

4.2 Environmental Source Information

4.2.1 Ecolog Eris Report

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 4-2: Summary of Environmental Databases

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; Borehole; Certificates of Approval; Certificates of Property Use; Commercial Fuel Oil Tanks;	Inventory of PCB Storage Sites; Landfill Inventory Management Ontario; List of TSSA Expired Facilities; Mineral Occurrences; Non-Compliance Reports; Ontario Oil and Gas Wells; Ontario Regulation 347 waste Generators Summary;

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;	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 – MOECC 1991 Historical Approval Inventory; Waste Disposal Sites – MOECC CA Inventory; Wastewater Discharger Registration Database; and Water Well Information System
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The ERIS report indicated that there was one listing for the Phase One Property and 44 listings within the Phase One Study Area. The ERIS report is presented in Appendix C.

The relevant entry for the Property is summarized in the following Table.

Table 4-3: Summary of ERIS Report Findings- Phase One Property

Database	Entry Details
Ontario Spill	Unknown Source:26 Barrels of Unknown Material Dumped at Side of Road. The spill was reported in 1997 to the north side of Dundas St.1/2 Way between 8th & 9th Line, Private Property. According to the report, soil contamination was possible.

The relevant entries for the Study Area are summarized in the following Tables.

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

Database/Date	Entry Details
Ontario Regulation 347 Waste Generator Summary (GEN)	Arthex Landscape Contractors and LMS Group Ltd., occupants of 1279 Dundas Street East were listed for storing of petroleum distillates and waste oils & lubricants.
Pesticide Register (PES)	Information for PESs were available for the Study Area. The adjoining southern property occupied by Arthex Landscape Contractors was listed as operator and storage of pesticides.
TSSA Historic Incidents (HINC)	Information for HINC were available for the Study Area. The Properties were located to the south of Dundas Street East. Potential environmental contamination from these properties are anticipated to be low.

Database/Date	Entry Details
ERIS Historical Searches (EHS)	Information for 4 EHSs were available for the Study Area. The eastern property with no municipal address (Dundas Street East) requested an EHS in 2014.
Record of Site Condition	A record of Site Condition was filed for the property located to the west (Part Lot 9, Concession 1) in January 31, 2006 by Dunoak Developments Inc. /Mattamy Corporation RSC was also filed for the eastern property. The RSC was filed by Bressa Developments Limited in 2016.
Water Well Information System (WWIS)	Information for 33 water wells was available for the properties located in the Study Area.

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 the 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 the 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 the 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. No records were found in the environmental Registry for the Phase One Property, see ERIS report (Appendix C).

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 Phase One Property and the 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 until 1991. No information regarding the Waste Disposal Inventory was reported in the ERIS report (Appendix C).

4.2.7 Brownfields Environmental Site Registry

Brownfields are lands on which industrial or commercial activity took place in the past and there is possibility the lands are impacted and need to be cleaned up before they can be redeveloped. A Record of Site Condition (RSC) is required to be filed in the Environmental Site Registry to prevent from environmental liability. The MECP Brownfields Environmental Site Registry (BESR) indicates one record of the Phase One Study Area.

According to BESR, the property located at 1345-1429 Dundas Street East, east of the Phase One Property had filed a record of site condition (RSC # 222461) for Bressa Developments Limited in 2016. The RSC revealed no issue with the Property and included no subsurface investigation.

Dunoak Developments Inc. filed a record of site condition (RSC # 52314) for the property located to the west of the Phase One Property in 2009. The location is provided in ERIS report (Appendix C).

4.2.8 Ministry of the Environment- Freedom of Information

A request was submitted to the MECP's 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 that 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 was received from the Ministry of Environment on April 9, 2018. Information for CofAs (sewage work) and environmental Compliance Approval was available. Appendix D includes the Ministry's response.

4.2.9 Waste Management Records

DS reviewed the Hazardous Waste Information Network (HWIN), 2004, available on the Ministry of Environment's website.

A review of the HWIN online databases indicated that the Property was not registered with the MECP as a waste generator site. Information for the Study Area is provided in the ERIS report.

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. According to the response received on April 3, 2018 from Ms. Sherees of TSSA, no records exist for the properties located in the Study Area with the exception of the property located at 1429 Dundas Street East, Oakville which includes 1 Active Fuel Tank. The email from TSSA is presented in Appendix D.

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 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 an 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 parts that are Natural Heritage System. The Property is located within 30 m of a water body.

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 in an ANSI area. According to Ministry of Natural Resource and Forestry, wooded area is located to the north of the Phase One Property and within Study Area.

4.2.13 Official Plans

Halton Region Official Plans (2015)

DS reviewed the official plans, dated January 2015 for Town of Oakville. The Plans are public documents which have been established 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:

- According to the Map I G, “Key Features with the Greenbelt and the Regional Natural Heritage Systems”, dated September 2015, the Property is located in an Urban designated area with Key Features (creek).
- According to the Map 1, “Regional Structures” under Greenlands System, the Phase One Property includes Regional Heritage System.
- According to the Map 1D, “Municipal Wellhead Protection Zone” the Phase One Property and Study Area includes no wellhead protection zone areas.
- According to the Map MA, “Provincial Plan Areas and Land Use Designation” the Phase One Property and Study Area includes no designated areas such as Escarpment Natural Area, and Escarpment Protection Area.

The reviewed and selected Plans are presented in Appendix E.

4.2.14 Conservation Halton (CA)

According to the Conservation Halton online mapping system, a watercourse is presented on the Property, and to the east of the Property. The Phase One Property is in Joshua’s Creek Watershed.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs and Historical Mapping

The historical County Atlas map of Trafalgar Township, Halton County (circa 1877), aerial photographs obtained from the Ministry of Natural Resources (1954) and Halton Region (1979, 1987 and 1994 aerial photos and 2015 orthophoto map), the Town of Oakville Online Mapping dating 1995 to 2009, Google Earth map, dating 2004 to 2017 and an Ontario Base Map (OBM) from 1982 were reviewed to obtain a record of the development and use of the Phase One Property and Study Area.

The findings for the entire property (including larger parcel) are summarized in following Table:

Table 4-5: Summary of Aerial Photographs

Reference	Phase One Property	Phase One Study Area
Historical Map 1877	According to historical map, the area north of Dundas Street, west of Ninth Line, owned by the Turner family. A creek was observed to south and west of the Property.	The adjoining properties appeared to be undeveloped owned by private individuals.
1954 Air Photo	Based on the scale of the aerial photo, detailed description of the Property was not possible, however, the entire property appeared to be undeveloped and used for agricultural purposes.	The surrounding area appeared to be undeveloped and used for agricultural purposes. Several rural residential houses were observed along Dundas Street.
1979 Air Photo	The Property was used for agricultural purposes. Wooded area was located to the north of the Property. A creek was observed further north of the Property and branches observed to the south and west portions.	No significant changes to the properties. Rural residential houses were observed to the northeast and further north of the Property.
1982 Ontario Base Map Figure 3	The entire Property was undeveloped with no structures.	The Study Area appeared to be used for agricultural purposes.
1987 Air Photo Figure 6	No significant changes to the Property.	No significant changes to the properties. The southern property located at 1279 Dundas Street East was clearly observed on the 1987 Air Photo.

1995 Air Photo	No significant changes to the Property. .	Majority of the area was used for agricultural purposes. Rural residential houses were observed to the further northeast of the Property.
1999 Satellite Photo	No significant changes to the Property.	No major changes.
2006-2012 Satellite Photos	No significant changes.	Developments were observed to the south of Dundas Street East.
2015-2018 Satellite Photos	No Major changes	Southern properties located to the south of Dundas Street East were developed and occupied by low rise structures similar to the current configurations.

4.3.2 Topography, Hydrology, Geology

According to the topographic map prepared by Rady-Pentex & Edward Surveying Ltd., Ontario Land Surveyor, dated April 5, 2018, the Property is located at an elevation of approximately 174 m to the northwest which decreased to 170 m to the northeast and to 163 m to the southeast (Appendix A). The shallow ground water flow on the Property is expected to be towards southeast-south. According to the topographic map of the Property wetland areas are located to the north portion of the Property, in the vicinity of the woodlot area.

According the topographic map <http://atlas.gc.ca/toporama/en/index.html>, which covers the Property, the ground surface at the Property is relatively flat and slopes in an easterly direction towards Joshua's Creek, located approximately 5 km to the southeast of the Property. Unnamed tributaries of the creek are located within the Property. A permanent creek is located within the south portion of the Phase One Property. Shallow ground water is anticipated to flow towards the creeks on the Property.

According to the geological map entitled "Quaternary Geology of Ontario -Southern Sheet" Map 2556, published by the Ministry of Northern Development and Mines, dated 1991, the overburden in the region of the subject Property consists of Glaciolacustrine deposits. This material is generally characterized as a silt and clay with minor sand.

The surficial geology maps available on the Ontario Geological Survey (OGS) Earth website, published by the Ontario Ministry of Northern Development, Mines and Forestry, show the surficial soils in the area of the Phase One Property to consist of clay to silt textured till, derived from glaciolacustrine deposits or shale (i.e., medium to fine textured soils are anticipated).

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 of the area consists of Upper Ordovician, Queenston Formation. The Queenston Formation consists of shale with limestone, dolostone, and dolomite. According to Ontario MECP Well Records the depth to bedrock within the

Phase One Study Area ranges from 3 to 10 mbgs. 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.

Based on the physiography maps available on the OGS Earth website, published by the Ontario Ministry of Northern Development, Mines and Forestry, the Phase One Property is situated within a drumlinized till plain.

4.3.3 Fill Materials

During the site visit no stockpiles or deposits of fill materials were noted on the Property.

4.3.4 Water Bodies and Areas of Natural Significance

During the site visit, standing water was observed 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.

A wood lot is located to the north of the Property. According to the Preliminary Development Concept map of the Property, 8.01 ha of land has been marked as a Natural Heritage System (NHS).

4.3.5 Well Records

Water well records were also searched as part of the EcoLog ERIS database query. No records were available for the Phase One Property.

The information for wells in the Study Area from the EcoLog ERIS report is provided in the Appendix C.

4.4 Site Operating Records

The Property includes no structure and has mainly been used for agricultural purposes. No operating records were available.

5.0 INTERVIEWS

5.1 Personnel Interviewed

The following persons with the knowledge of the Property were interviewed or provided the required information.

Table 5-1: Summary of Personnel Interviewed

Name	Affiliation	Position
Ms. Diana Tomaso	Phase One Property	Owner's Daughter
Mr. Kevin Singh	Argo Development Corporation	During preparation of this report
Mr. Behnam Doulatyari	Halton Region, Planning Services	Planner-Groundwater & Hydrology
Ms. Sherees	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 Diam Contractors Limited since 1961.
- According to Ms. Tomaso, her father has been the owner of the property since 1968.
- The Property has been used for agricultural purposes. According to Ms. Tomaso, Mr. Anthony Acres, the farmer tenant, rented many farms in the area. The Phase One Property was used to for growing corn, wheat and soybeans.
- Ms. Tomaso was unaware of any use of pesticides on the Property.
- The Property included no previous environmental assessments with respect to soil and ground water.
- The owner's daughter had no information for fill materials brought to the Property. According to Ms. Tomaso, she had reviewed the perimeter studies for adjoining properties [Dunoak lands (adjoining western) and Bressa lands (adjoining eastern)], from Mattamy Homes and there were no fill materials on the Property.
- No information was available for the Property if cited for violations of any provincial or federal environmental laws or regulations.
- According to Ms. Tomaso, she was not aware of any environmental contamination or environmentally hazardous activities on the adjacent or nearby properties.

- Ms. Tomaso had no information for releases of hazardous materials or oil at the Property or adjacent properties.
- No individuals with additional knowledge of the Property was available to interview.
- No soil or ground water remediation has been completed at the Property.
- The Property includes no underground or aboveground storage tank.

The evaluation of information regarding the interviews is summarized below:

Table 5-2: Interview Information

Interview Conducted By	Dr. Shafi Andseta, P.Geo., QP
Interviewed	The individuals stated in Table 5-1
Date/location	Mr. Singh, the client representative during the preparation of the report (February and March 2018) via emails. and Ms. Tomaso, the owner representative on April 6 and 7, 2018 via emails
Reason for Selection	Knowledgeable or familiar with Property history
Assessment of information	The information appeared to be sufficient

DS compared the information obtained through the Phase One Interview with the information obtained from the historical records for the Site. The information provided by the interviewee was corroborated by the historical records, as such DS has no concern regarding the accuracy of the information provided.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

Table 6-1: Site Reconnaissance Notes

Date of Investigation:	February 2, 2018
Time of Investigation:	10-11: am, initial site visit
Weather Conditions:	Cloudy – -10C
Duration of Investigation:	An hour
Was the facility operating?	No
Name and Qualification of Person(s) conducting the assessment	Dr. Shafi Andseta, Ph.D., P.Geo., QP
Limitations	Snow covered ground

Date of Investigation:	April 10, 2018
Time of Investigation:	5:00 pm, 2 nd visit

Weather Conditions:	Sunny mixed – 2C
Duration of Investigation:	½ hour
Was the facility operating?	No
Name and Qualification of Person(s) conducting the assessment	Dr. Shafi Andseta, Ph.D., P.Geo., QP
Limitations	No limitations during the 2 nd site visit

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.

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. During the initial site visit, the Property was covered by snow. The 2nd site visit was on April 10, 2018. During the second site visit, the snow had melted, and the ground surface was clearly covered by tall grass, some bush and trees. The site visit included an observation of the Property and the Study Area from public access roads. Photographs of the Property and accompanying descriptions are presented in Appendix F.

6.2.2 Building Description

The Property included no structures.

6.2.3 Exterior Site Conditions

The access to the Property is from Dundas Street East from south of the Property. The Property is an open field that has historically been used for agricultural purposes.

6.2.4 Below Ground Structures

The Property includes no building and no below ground structure (e.g. basement).

6.2.5 Above-Ground Storage Tanks

During the site visit, no above ground storage tank was observed on the Property.

6.2.6 Underground Storage Tanks

During the site visit, vent and fill pipes (evidence of historical storage tanks) were not observed on the Property.

6.2.7 Other Storage Containers

No storage containers were observed during the site investigation.

6.2.8 Water Sources

The Phase One Property is located within a mixed agricultural, residential, and commercial property use areas of the Town of Oakville. Upon development, municipal services will be available for the Property.

6.2.9 Sewage Works

Town's sanitary and storm sewer systems are anticipated to be provided to the developed properties located to the south of Dundas Street East.

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 Dundas Street East. Overhead hydro was not observed at the Property. Underground hydro is interpreted in the surrounding area.
- Phone and cable services are available for the Study Area.
- A fire hydrant was observed south of Dundas Street East, south of the Property's boundary. This is an indication that municipal water is available for developed properties located to the south of Dundas Street East.

6.2.11 Building Exit and Entry Points

The Property includes no building.

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 pit and sump.

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 on ground surface.

6.2.17 Wells

During site visit no water supply wells was observed on the Property. Information for test hole and monitoring wells in Study Area is provided in the ERIS report.

6.2.18 Ground Surface

The ground surface at the Property is undulating and covered by tall grass, bushes, trees and open field.

6.2.19 Railways

No railway lines are located on the Property or Study Area.

6.2.20 Stained and Odorous Soils

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

6.2.21 Stressed Vegetation

There were no areas of significant stressed vegetation on the Property at the time of the site inspection (April 10, 2018).

6.2.22 Fill Materials

During the site visits, no stockpiled fill materials were observed at the Property.

6.2.23 Watercourses, Ditches or Standing Water

Unnamed tributaries of Joshua's Creek are located on the Property.

6.2.24 Air Emissions

The Property includes no structures and no air emission sources.

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

The Property is bounded to the south by Dundas Street East. Information for the Epro. Plan (Instrument # HR892160) owned by The Regional Municipality of Halton is provided in the title search (Appendix A).

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. The Property includes no structures.

6.2.27 Polychlorinated Biphenyls (PCBs)

Prior to the mid- to late-1970s, PCBs were used in the manufacture of electrical equipment, including fluorescent light ballasts. The Property includes no PCB-containing electrical equipment.

6.2.28 Occupational Health and Safety Act - Designated Substances

A brief review of the site was conducted to assess the potential for designated substances identified in the Occupational Health and Safety Act, Article 18(a). Asbestos and PCB containing materials were addressed in Section 4.b. and Section 6.b., respectively. The following comments related to the potential for the presence of other designated substances on the property are offered:

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

The Property includes no structure and no designated substances and hazardous materials.

6.2.29 Waste Management

Garbage and recycling in the vicinity of the Property (residential properties), are collected by the Town of Oakville. Garbage and recycling from commercial properties are anticipated to be collected individually.

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

The Property includes no parking lot to 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 roadway (southern property boundary). However, a ditch is located along the property boundary and the possibility to be impacted from runoff is anticipated to be low.

6.2.31 Potentially Contaminating Activities

The Property has been used for agricultural purposes. The potentially contaminating activities (PCAs) included, possible use of pesticides for agricultural purposes and presence of possible historical fill materials.

According to the Ecolog ERIS Report, 26 barrels of unknown material were dumped at the side of road in 1997 (north Side of Dundas Street East). According to the report, there was a possibility that the soil to be contaminated at the location of dumping.

According to the Ecolog Eris Report, the adjoining southern property (1279 Dundas Street East) was registered with the MECP as a generator source for storage of pesticides, petroleum distillates and waste oils & lubricants.

6.2.32 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 for agricultural purposes and is not considered as Enhanced Investigation Property and it is currently undeveloped and devoid of any structures.

6.3 Investigation of Phase One Study Area

The following land uses were noted in the adjoining and further neighboring properties (beyond 250 m):

Table 6-2: Summary of Site Reconnaissance Observations within Phase One Study Area.

Direction	Addresses
North	Agricultural properties

East	Agricultural properties Joshua's Creek Glen Oaks Memorial Garden (0.4Km) Fern Hill School (0.3 km)
South	1297 Dundas Street East (commercial and residential) Dundas Street East (commercial/transportation) Residential subdivision along Meadowridge Drive, Lyndhurst Drive, Ferncrest Road, etc. Commercial properties (Shoppers Drug Mart, TD, food and health related retailers)
West	Agricultural properties

The Phase One Property is located mainly in a mixed agricultural, residential, and commercial property use area of the Town of Oakville. A cemetery and school are located further east of the Property along Ninth Line. Potential contaminating activities from these properties on the Phase One Property are anticipated to be low based on the nature of their current activities.

6.4 Written Description of Investigation

The site reconnaissance was conducted on February 2, 2018 and April 10, 2018. It 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. During the site visit no potentially contaminating activities were observed. Photographs taken during the site visit is presented in the Appendix F.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

Current and past uses of the Phase One Property have been inferred based on the information provided in the aerial photographs, chain of title, city directories and conversations with the site representative. Summary of Current and Past Uses of the Phase One Property is presented in the Appendix G.

7.2 Potentially Contaminating Activity

According to 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#30. Importation of Fill Material of Unknown Quality

The ground surface at the Property is undulating. Fill materials of unknown quality might have been used at the Property.

2. PCA# 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

The records review of the Property revealed that the majority of the Property has been used for agricultural purposes. OC pesticides might have been used on the Property for farming purposes.

3. Other (Ontario Spill- Unknown Quality Materials Dumped)

According to the Ecolog Eris report, one record was available for the Property in Ontario Spill data list, dated 1997. The information was regarding 26 barrels of unknown material dumped at the side of the road. According to the report, soil contamination was possible at the Property.

Within Study Area

4. PCA# 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

According to the Ecolog Eris report, the adjoining southern property occupied by Arthex Landscape Contractors was listed with the MECP as an operator and storage of pesticides in 2002.

5. Other (storage and handling liquid waste)

According to the Ecolog Eris report, the adjoining southern property (1279 Dundas Street East) occupied by Arthex Landscape Contractors with waste register number ON2958174 was listed for storage of waste oils & lubricants during 2006-2009. The property was also registered with waste register number ON9940070 for the same liquid industrial waste and oily skimmings and sludges and by LMS Group Ltd. From 2012 to 2017. This property is owned by Halton Region. A copy of amended list of PCAs is presented in Appendix H.

Table 7-1: Summary of PCAs

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Rationale
1	PCA-30: Importation of Fill Material of Unknown Quality	The Property includes uneven surface. There is a possibility presence of fill materials at the Property	Soil sampling

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Rationale
2	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Historical use of the Property for agricultural purposes	Soil and ground water sampling
3	Other, Dumping unknown materials possible at the Property	Dumping unknown materials at the Property	Soil sampling
4	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Storage of OC Pesticides	Soil and ground water sampling
5	Other, Dumping unknown materials possible at the Property	Registered with the MECP as a generator source for liquid waste	Soil sampling

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 Contaminants of Potential Concern were determined based on materials that are likely to be present as a result of the PCAs.

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	Southwest and southeast of the Property	PCA#30-Importation of Fill Material of Unknown Quality	On Site	Metals, As, Sb, Se, B-HWS, CN Electrical Conductivity CR (VI) Hg SAR	Soil
APEC-2	Open Filed	PCA#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site	OCs	Soil and ground water

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-3	South of the Property	Other Dumping unknown materials at the Property	On Site	PHCs VOCs Metals, As, Sb, Se, B-HWS, CN Electrical Conductivity CR (VI) Hg SAR	Soil and ground water
APEC-4	Southern portion of the Property	PCA#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off Site	OCs	Soil
APEC - 5	Southern Portion of the Property	Other Storage and handling of Liquid hydrocarbon related Waste	Off Site	PHCs Metals, As, Sb, Se, B-HWS, CN Electrical Conductivity CR (VI) Hg SAR	Soil

7.4 Phase One Conceptual Site Model

A Conceptual Site Model was developed for the Phase One Property, located to the north of Dundas Street East, Oakville, Ontario. The Phase One Conceptual Site Model is presented in Drawings 3A, 3B, and 4 and visually depict the following:

- Any existing buildings and structures
- Water bodies located in whole, or in part, on the Phase One Study Area
- Areas of natural significance located in whole, or in part, on the Phase One Study Area
- Water wells at the Phase One Property or within the Phase One Study Area
- Roads, including names, within the Phase One Study Area
- Uses of properties adjacent to the Phase One Property
- Areas where any PCAs have occurred, including location of any tanks
- Areas of Potential Environmental Concern
- Potentially Contaminating Activity Affecting the Phase One Property

All PCAs identified within the Phase One Study Area are presented on Figure 3B and discussed in Section 7.2 above.

The PCAs which are considered to contribute to APECs on, in or under the Phase One Property are summarized in the table below:

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Rationale
1	PCA-30: Importation of Fill Material of Unknown Quality	The Property includes uneven surface. Use of unknown quality fill materials at the Property	Soil sampling
2	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Historical use of the Property for agricultural purposes	Soil and ground water sampling
3	Other, Dumping unknown materials possible at the Property	Dumping unknown materials at the Property	Soil and ground water sampling
4	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Storage of OC Pesticides in the southern property	Soil sampling
5	Other, Registered with the MECP as a generator source for liquid waste	Storage and handling the liquid waste in the southern property	Soil and ground water sampling

- Contaminants of Potential Concern**

A summary of the contaminants of potential concern identified for each respective APEC is presented in Table 7-1 above. The following contaminants of potential concern were identified for the Phase One Property: PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, pH, SAR, PAHs, PCBs, BNAE, OC Pesticides.

- Underground Utilities and Contaminant Distribution and Transport**

Underground utilities can affect contaminant distribution and transport. Trenches excavated to install utility services, and the associated granular backfill may provide preferential pathways for horizontal contaminant migration in the shallow subsurface.

The underground utilities are not present on the Phase One Property. Subsurface utility trenching will not influence the direction and extent of contamination if determined to exist as a result of areas of potentially contaminating activities. Freedom of Information records requests have been forwarded to the Ministry of Environment. The client will be made aware of any records identified by the file search requests, when a response is received.

- **Geological and Hydrogeological Information**

The Property is located at an elevation of approximately 174 m to the northwest which decreased to 170 m to the northeast and to 163 m to the southeast. The shallow ground water flow on the Property is expected to be towards southeast-south. The ground surface at the Property is relatively flat and slopes in an easterly direction towards Joshua's Creek, located approximately 5 km to the southeast of the Property. Unnamed tributaries of the creek are located within the Property. A permanent creek is located within the south portion of the Phase One Property. Shallow ground water is anticipated to flow towards the creeks on the Property.

The overburden in the area of the Property consists of Glaciolacustrine deposits. This material is generally characterized as a silt and clay with minor sand.

The surficial soils in the area of the Phase One Property consist of clay to silt textured till, derived from glaciolacustrine deposits or shale (i.e., medium to fine textured soils are anticipated).

The Phase One Property is situated within a drumlinized till plain.

The bedrock of the area consists of Upper Ordovician, Queenston Formation consists of shale with limestone, dolostone, and dolomite. According to Ontario MECP Well Records the depth to bedrock within the Phase One Study Area ranges from 3 to 10 mbs.

- **Uncertainty and Absence of Information**

DS has relied upon information obtained from federal, provincial, municipal, and private databases, in addition to records and summaries provided by EcoLog ERIS. All information obtained was reviewed and assessed for consistency, however the conclusions drawn by DS are subject to the nature and accuracy of the records reviewed.

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.

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.

8.0 CONCLUSIONS

8.1 Phase Two Environmental Site Assessment Requirement

Based on the findings of the Phase One ESA, based on the information obtained as part of this investigation, it is concluded that five PCAs were identified within the Phase One and Study Area which are considered to be contributing to five APECs on, in or under the Phase One Property. Further investigation in the form of a Phase Two ESA will be required in order to meet the requirements of O.Reg.153/04 (as amended).

The Phase Two ESA should consist of boreholes to collect soil samples and installation of monitoring wells (according to the Ontario Regulation 903) to facilitate the collection of ground water samples in the areas of Potentially Contaminating Activities.

8.2 RSC Based on Phase One Environmental Site Assessment

No RSC is required for the Property. The Phase One has been requested for due diligence purposes. If Record of Site Condition requested, it cannot be filed on the basis of the Phase One ESA due to the identification of Areas of Potential Environmental Concern on the Phase One Property.

8.3 Limitations

This report was prepared for the sole use of Argo (Joshua Creek) Limited and is intended to provide an assessment of the environmental condition on the property located at the property with the legal description of N of Dundas St. E, Concession 1, Pt, Lot 8, NDS, Oakville, Town of Oakville, 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' 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.

8.4 Qualifications of the Assessors

Martin Gedeon, M.Sc., P.Geo., QP_{ESA} Mr. Gedeon is Vice President of DS's office located in Vaughan, Ontario. Martin is a Professional Geoscientist (P.Geo.) with over 22 years of experience as a hydrogeological consultant in the areas of hydrogeological investigations and soil monitoring, dewatering assessments, environmental site assessments, groundwater control systems, and remediation. Martin is a Qualified Person (QP_{ESA}) with the Ministry of the Environment as defined under O.Reg. 153/04. Martin has significant experience in physical and contaminant hydrogeology across the GTA.

Shafi Andseta, PhD., P. Geo., QP_{ESA-RA}

Dr. Andseta is Senior Project Manager in the Environmental Services Department of DS Consultants Ltd.'s Head Office located in Vaughan, Ontario. Dr. Andseta has over 25 years of experience in the academic, private and government sectors. Her areas of expertise include environmental site assessments, geology, geomorphology and hydrogeology. She also specializes in remediation and designated substances and hazardous material and asbestos management projects. Dr. Andseta has managed numerous environmental projects within Ontario and, in addition, has coordinated Environmental Projects of the Post-Graduate Diploma students at Sheridan College, Brampton, Ontario. Dr. Andseta is a Qualified Person under O.Reg. 153/04 for submitting Records of Site Condition and submitting of Risk Assessment.

8.5 Signatures

DS Consultants Ltd. conducted this Phase One Environmental Site Assessment and confirms the findings and conclusions contained within this report.

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

Yours truly,

DS Consultants Ltd.



Shafi Andseta, Ph.D., P.Geo., QP_{ESA-RA}
Environmental Senior Project Manager




Martin Gedeon, M.Sc., P.Geo. QP_{ESA}
Vice President, Environmental Services

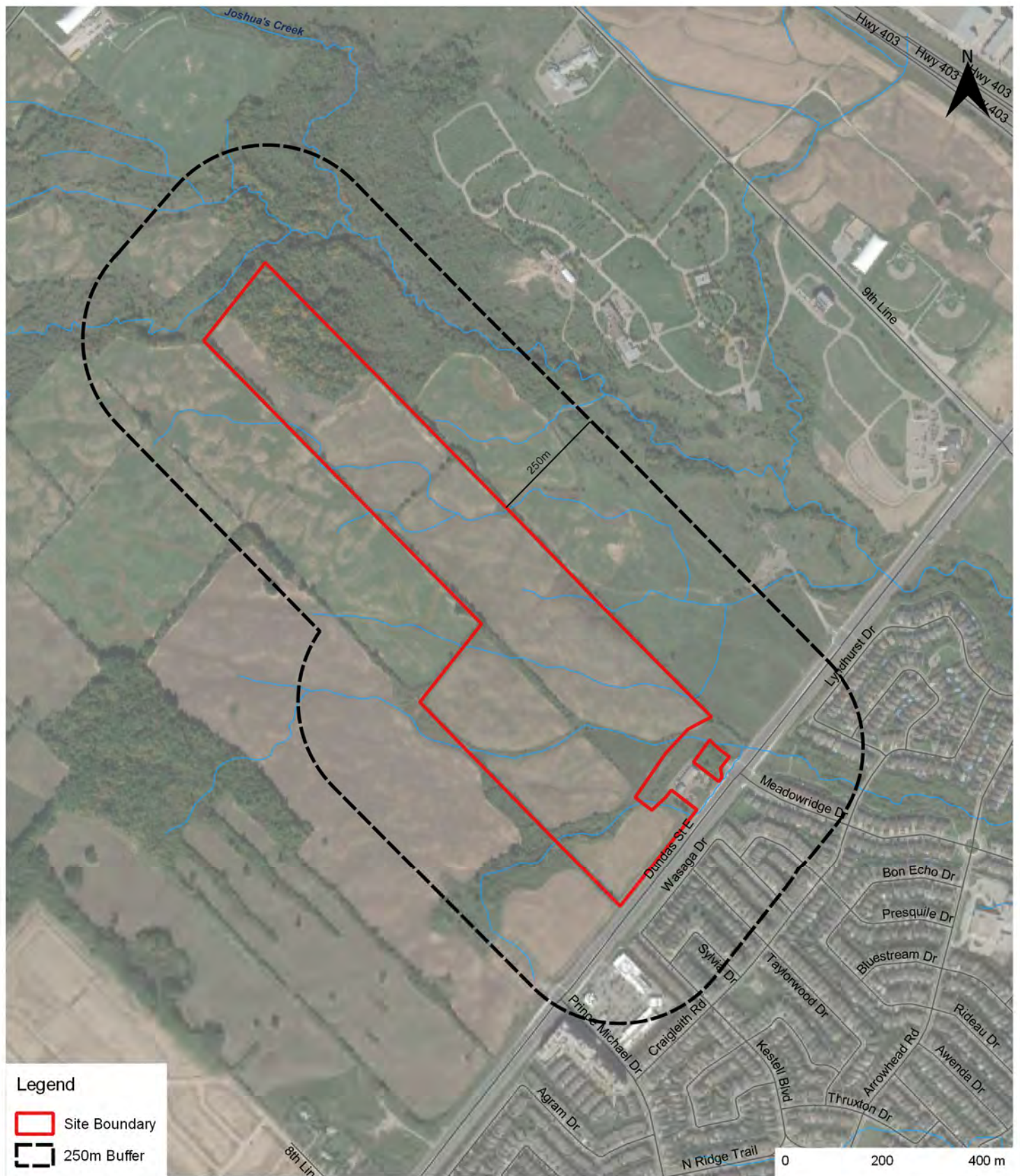
9.0 REFERENCES

- 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 Toporama
<http://atlas.gc.ca/toporama/en/index.html>
- Environment Canada, National Pollutant Release Inventory
- Ontario Ministry of the Environment Hazardous Waste Information Network <https://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-and-climate-change>
- 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 Environment-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 (1877) aerial photos and Ontario Base Map
- City Directories (Halton Region and Criss-Cross) from 2001 back to 1958
- Town of Oakville online-services
- Town of Oakville Official Plans-2017
- Halton Region Official Plan Package – January 2016
- Environmental Risk Information Services (Ecolog ERIS Report)

FIGURES



 <p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PHASE ONE- ENVIRONMENTAL SITE ASSESSMENT CONCESSION1, LOT8. NDS. OAKVILLE, ON		
	Title: SITE LOCATION PLAN		
Client: AGRO (JOSHUA CREEK) LIMITED	Approved By: S.A	Drawn By: S.Y	Date: July 2018
	Scale: As Shown	Project No.: 18-518-20	Figure No.: 1



Legend

- Site Boundary
- 250m Buffer



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

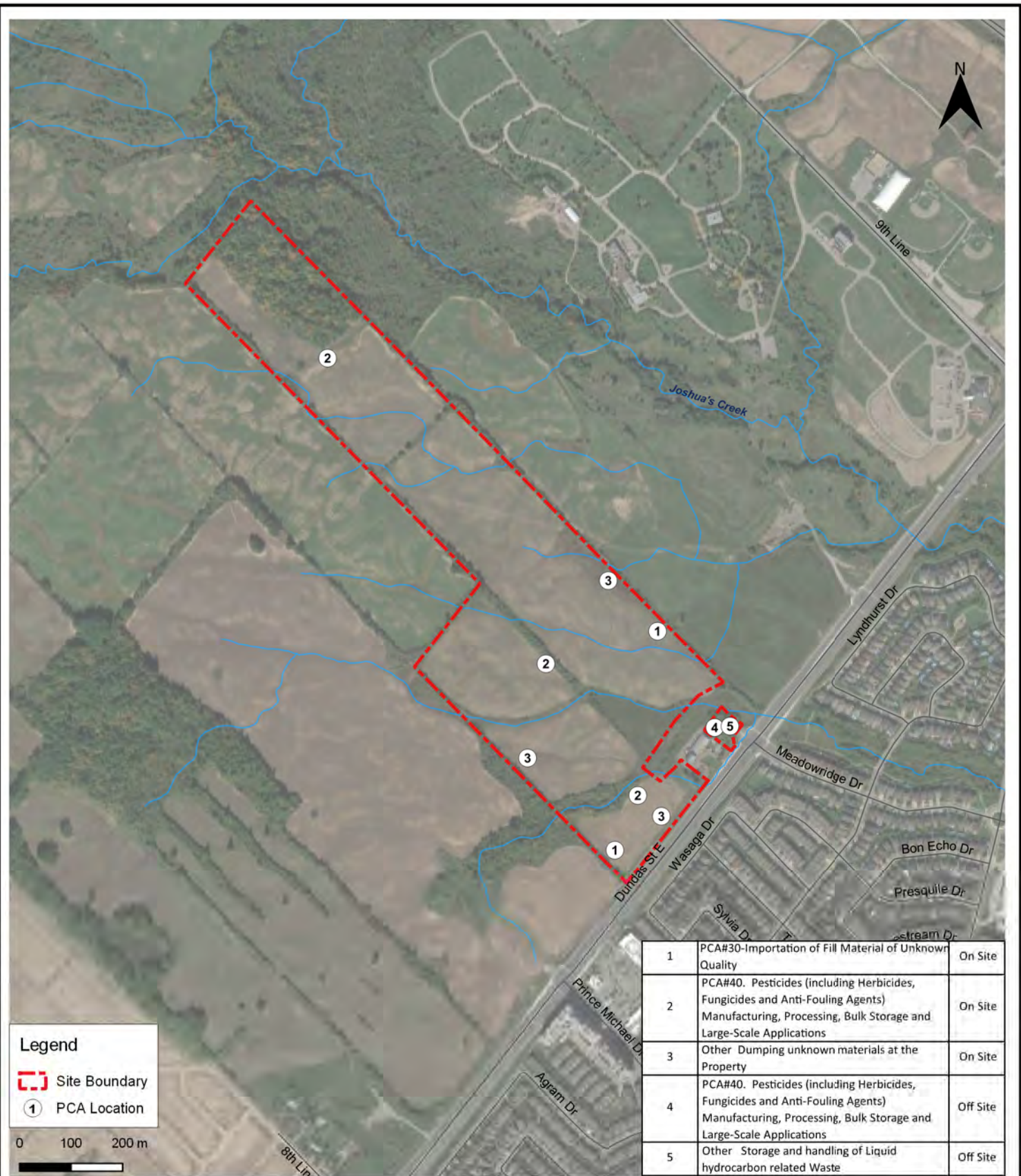
Project: PHASE ONE- ENVIRONMENTAL SITE ASSESSMENT
 CONCESSION1, LOT8. NDS. OAKVILLE, ON

Title: PHASE ON STUDY AREA

Client: AGRO (JOSHUA CREEK) LIMITED

Approved By: S.A **Drawn By:** S.Y **Date:** July 2018

Scale: As Shown **Project No.:** 18-518-20 **Figure No.:** 2



1	PCA#30-Importation of Fill Material of Unknown Quality	On Site
2	PCA#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site
3	Other Dumping unknown materials at the Property	On Site
4	PCA#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off Site
5	Other Storage and handling of Liquid hydrocarbon related Waste	Off Site

Legend

Site Boundary

PCA Location

0 100 200 m



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

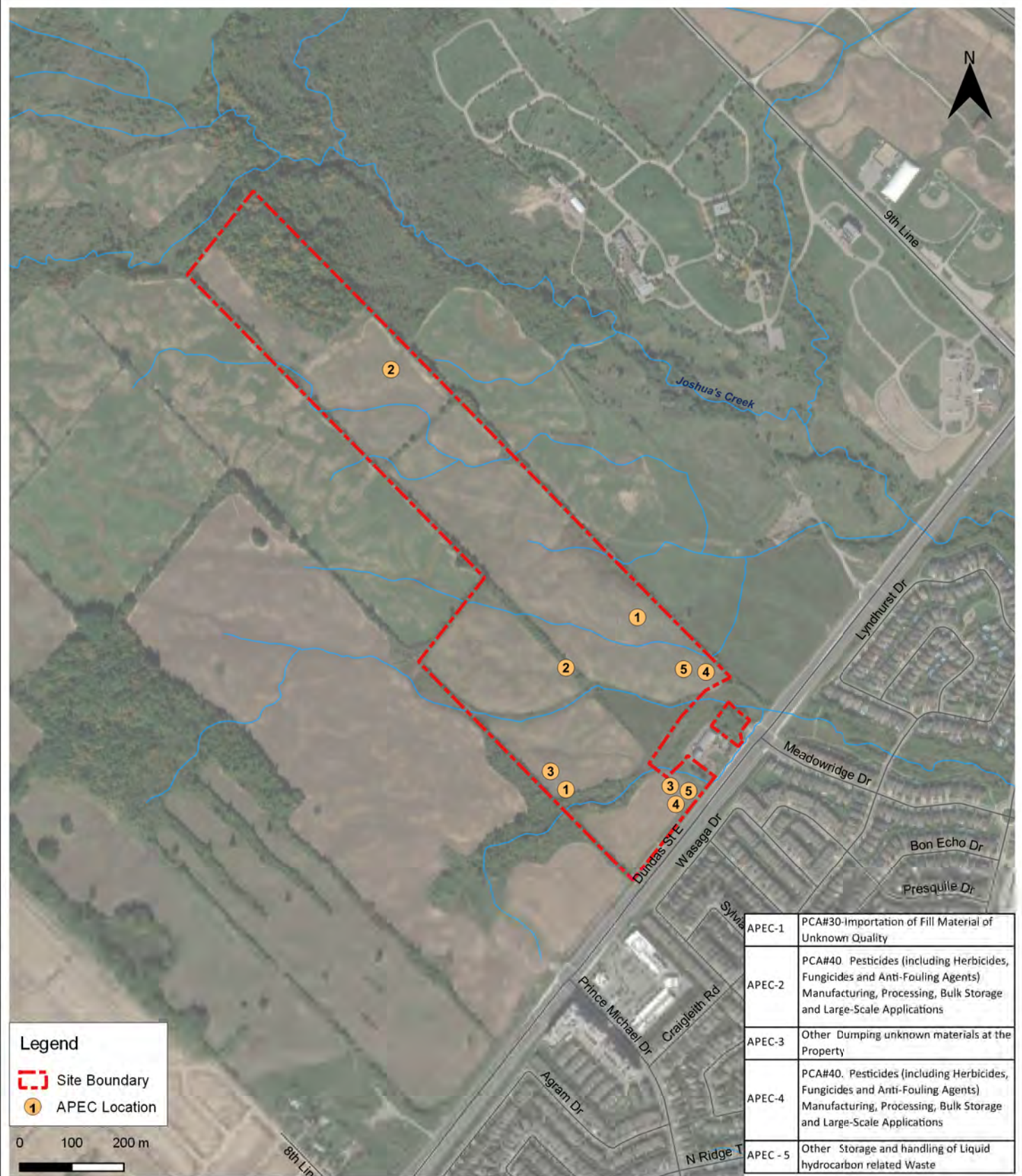
Project: PHASE ONE- ENVIRONMENTAL SITE ASSESSMENT CONCESSION1, LOT8. NDS. OAKVILLE, ON

Title: **POTENTIALLY CONTAMINATING ACTIVITIES**

Client: **AGRO (JOSHUA CREEK) LIMITED**

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

Scale: As Shown Project No.: 18-518-20 Figure No.: **3A**



APEC-1	PCA#30-Importation of Fill Material of Unknown Quality
APEC-2	PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
APEC-3	Other Dumping unknown materials at the Property
APEC-4	PCA#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
APEC - 5	Other Storage and handling of Liquid hydrocarbon related Waste

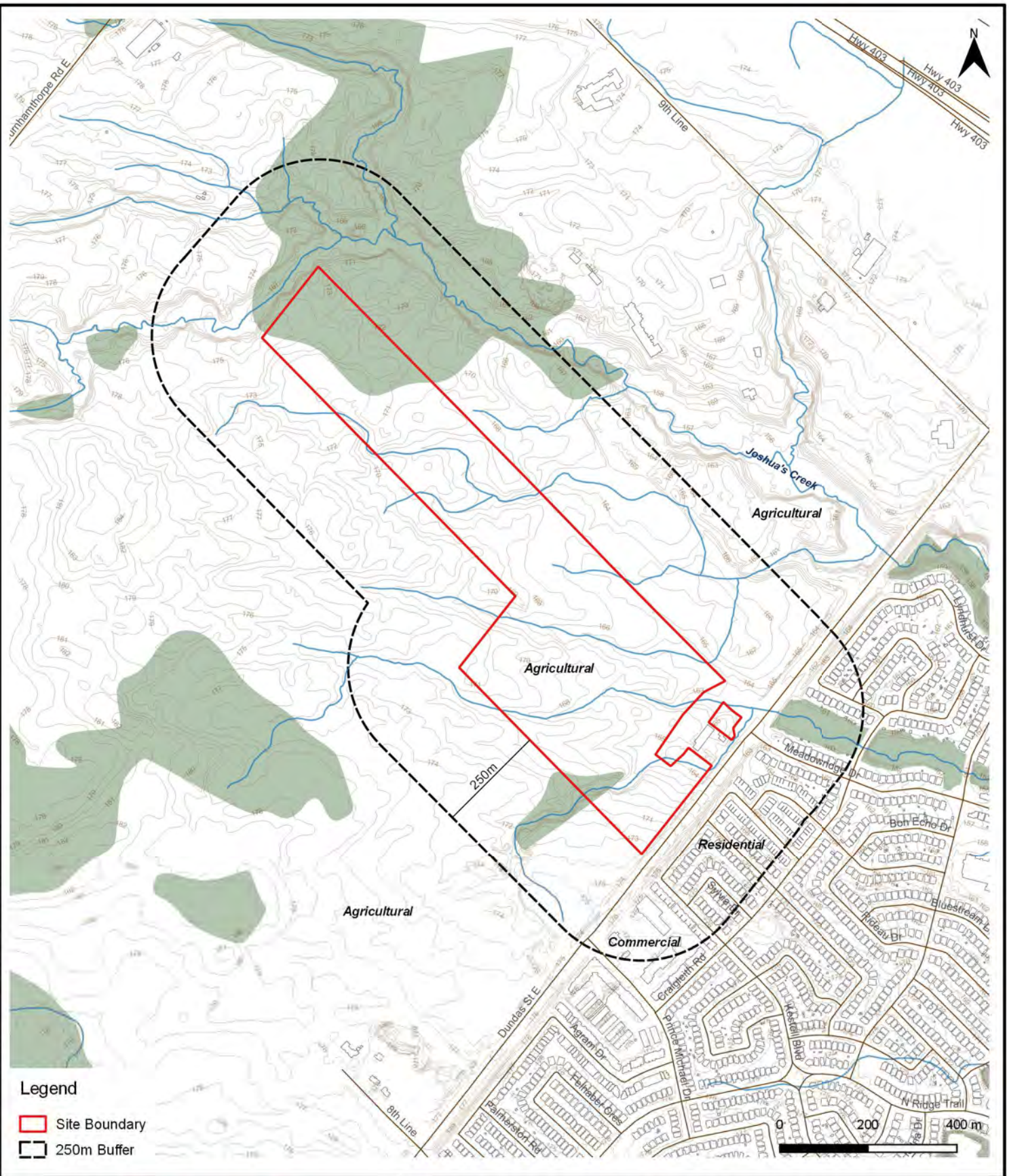
Legend

Site Boundary

APEC Location


0 100 200 m

<p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PHASE ONE- ENVIRONMENTAL SITE ASSESSMENT CONCESSION1, LOT8. NDS. OAKVILLE, ON		
	Title: AREAS OF POTENTIAL ENVIRONMENTAL CONCERN		
Client: AGRO (JOSHUA CREEK) LIMITED	Approved By: S.A	Drawn By: S.Y	Date: July 2018
	Scale: As Shown	Project No.: 18-518-20	Figure No.: 3B



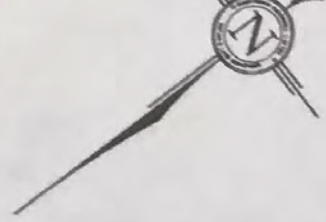
Legend

- Site Boundary
- 250m Buffer

 <p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PHASE ONE- ENVIRONMENTAL SITE ASSESSMENT CONCESSION1, LOT8. NDS. OAKVILLE, ON		
	Title: CONCEPTUAL SITE MODEL		
Client: AGRO (JOSHUA CREEK) LIMITED	Approved By: S.A	Drawn By: S.Y	Date: July 2018
	Scale: As Shown	Project No.: 18-518-20	Figure No.: 4

APPENDICES

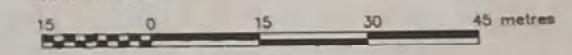
Appendix A
Plan of Survey and Title Search



SCHEDULE				
PART	DESCRIPTION	AREA	OWNER	PIN
1		0.307 HA.		PART OF 24930-0022 (LT)
2	PART OF LOT 8 CONCESSION 1 NORTH OF DUNDAS STREET (TRAFALGAR)	0.118 HA.	DIAM CONTRACTORS LIMITED	PART OF 24930-0022 (LT)
3		0.870 HA.		PART OF 24930-0022 (LT)
4		0.101 HA.		PART OF 24930-0022 (LT)
5		0.018 HA.		PART OF 24930-0022 (LT)

PARTS 1, 2, 3, 4 & 5 COMPRISE PART OF 24930-0022 (LT)

PLAN OF SURVEY OF
PART OF LOT 8, CONCESSION 1
NORTH OF DUNDAS STREET, TRAFALGAR
TOWN OF OAKVILLE
REGIONAL MUNICIPALITY OF HALTON
SCALE 1:750



GRAPHIC SCALE
CUNNINGHAM McCONNELL LIMITED
ONTARIO LAND SURVEYOR

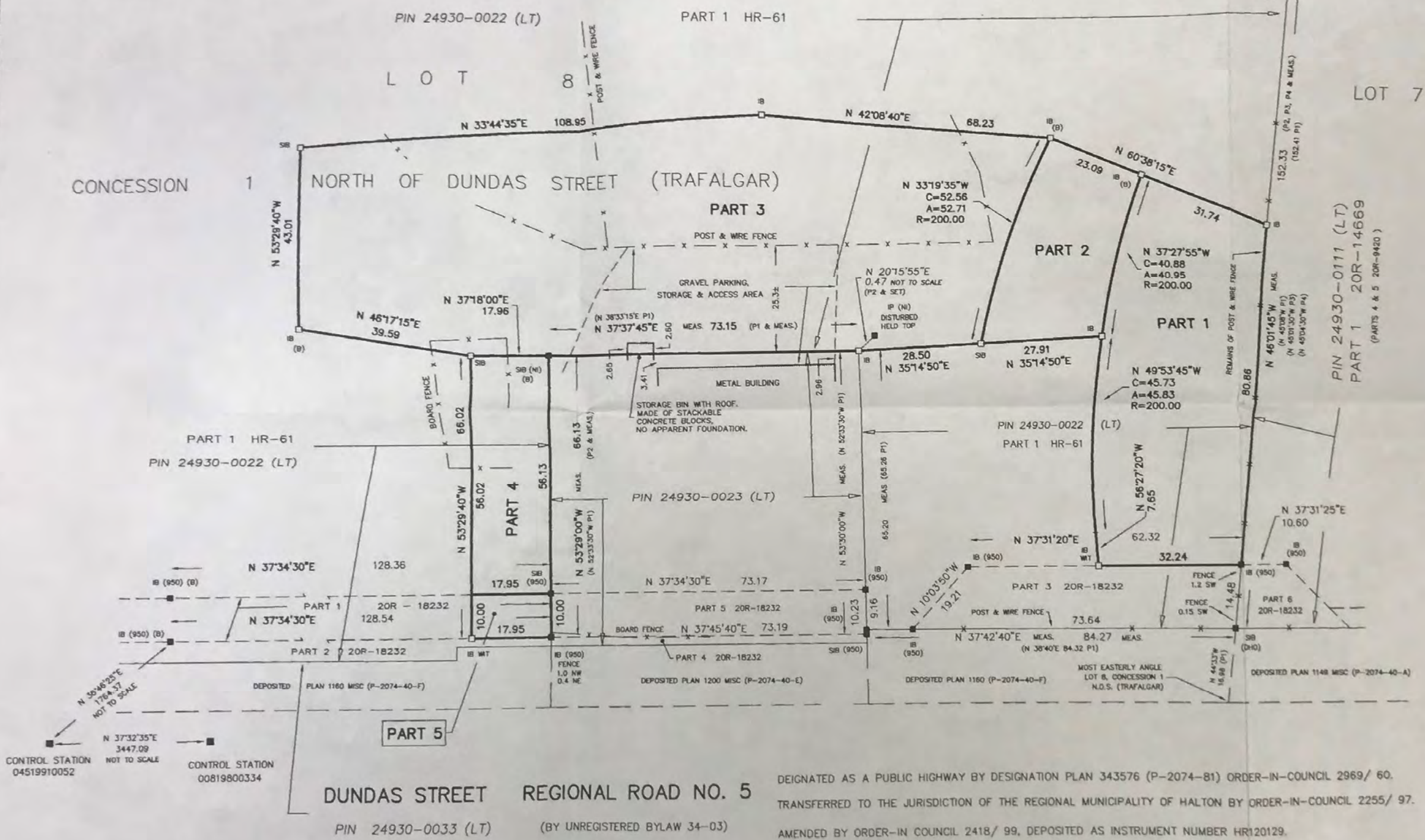
METRIC
DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND
CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

FENCE NOTE:
ALL LIMITS SHOWN HEREON ARE NOT FENCED UNLESS STATED OTHERWISE.

- LEGEND
- DENOTES SURVEY MONUMENT FOUND
 - SURVEY MONUMENT SET
 - SB STANDARD IRON BAR
 - SSSB SHORT STANDARD IRON BAR
 - IB IRON BAR
 - IP IRON PIPE
 - WT WITNESS
 - 950 CUNNINGHAM McCONNELL LIMITED
 - (N) NO IDENTIFICATION
 - PIN PROPERTY IDENTIFIER NUMBER
 - DHO DEPARTMENT OF HIGHWAYS OF ONTARIO
 - (B) 0.3 BELOW GROUND LEVEL
 - P1 PLAN HR-61
 - P2 PLAN 20R-18232
 - P3 PLAN 20R-9420
 - P4 PLAN 20R-14669

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 LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.
2. THE SURVEY WAS COMPLETED ON AUGUST 25, 2010.

DATE: AUG 25, 2010
Thomas J. Pakowski
THOMAS J. PAKOWSKI
ONTARIO LAND SURVEYOR



BEARING NOTE:
ALL BEARINGS HEREON ARE GRID, NAD 83, 6° U.T.M., ZONE 17, CENTRAL MERIDIAN 81° WEST LONGITUDE BEING RELATED TO CONTROL STATIONS 04519910052 & 00819800334.

DISTANCE NOTE:
ALL DISTANCES SHOWN HEREON ARE GROUND AND MAY BE CONVERTED TO GRID BY MULTIPLYING BY THE SCALE FACTOR 0.9997217.

DEIGNATED AS A PUBLIC HIGHWAY BY DESIGNATION PLAN 343576 (P-2074-81) ORDER-IN-COUNCIL 2969/ 60.
TRANSFERRED TO THE JURISDICTION OF THE REGIONAL MUNICIPALITY OF HALTON BY ORDER-IN-COUNCIL 2255/ 97.
AMENDED BY ORDER-IN COUNCIL 2418/ 99, DEPOSITED AS INSTRUMENT NUMBER HR120129.

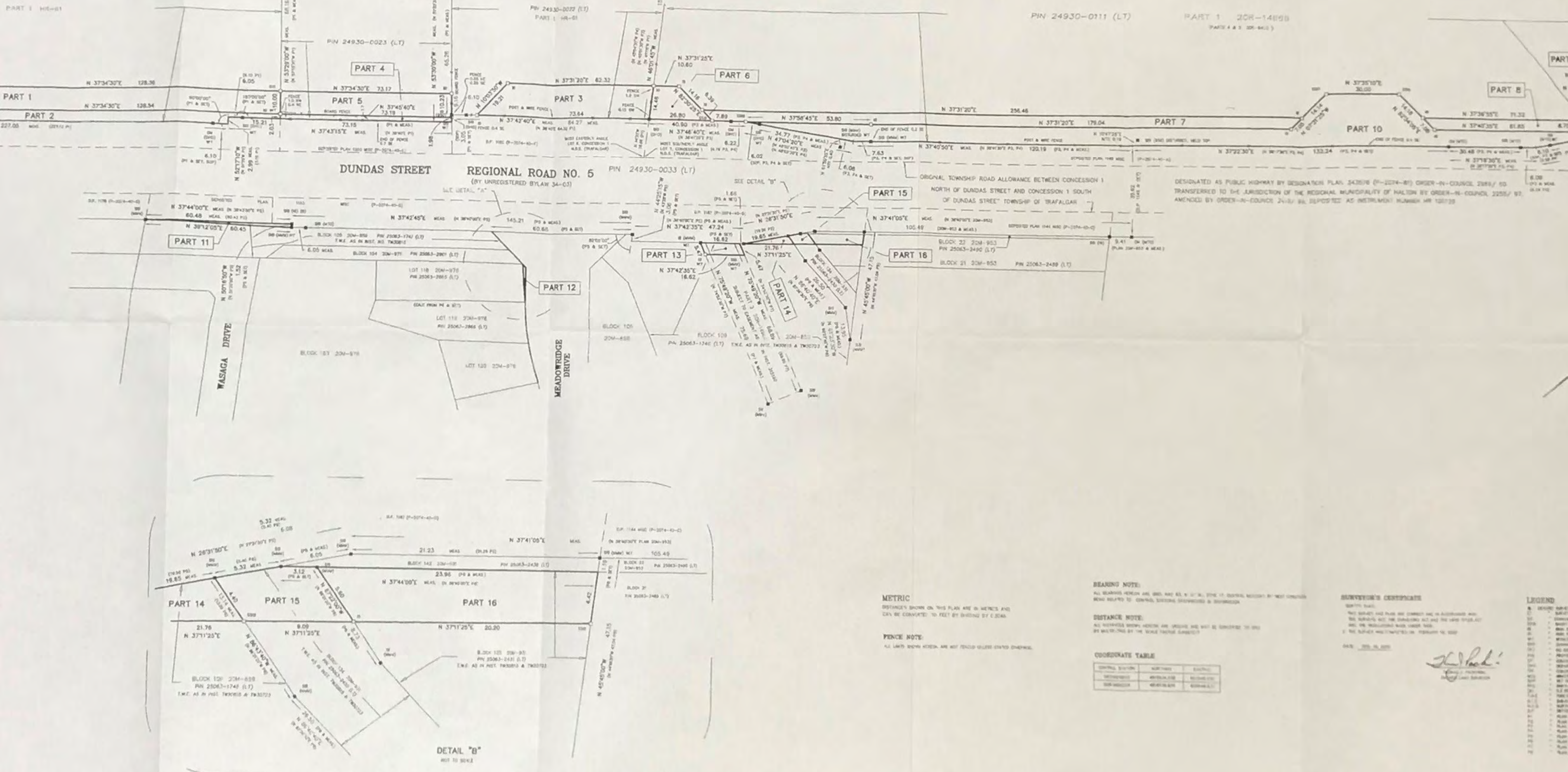
COORDINATE TABLE

CONTROL STATION	NORTHING	EASTING
04519910052	4815804.238	603545.056
00819800334	4818536.856	605644.930

CUNNINGHAM McCONNELL LIMITED
ONTARIO LAND SURVEYORS
205 MAIN STREET MILTON, ONTARIO L9T 1N7
PHONE (905) 878-6672
FAX (905) 878-6672
EMAIL ADDRESS: cml@primus.ca
1200 SPEERS ROAD, UNIT 38 OAKVILLE, ONTARIO L6L 2X4
PHONE (905) 845-3497
FAX (905) 845-3519
EMAIL ADDRESS: cmls@cogeco.net
O.L.S. FILE # 10-80

LOT 6 CONCESSION 1 NORTH OF DUNDAS STREET (TRAFALGAR)

LOT 7 CONCESSION 1 NORTH OF DUNDAS STREET (TRAFALGAR)



BEARING NOTE:
ALL BEARINGS HEREON ARE GIVEN AS BEING TRUE TO THE BEST OF THE SURVEYOR'S KNOWLEDGE AND BELIEF AND ARE BASED UPON THE NATIONAL GRID SYSTEM.

DISTANCE NOTE:
ALL DISTANCES HEREON ARE GIVEN AS BEING TRUE TO THE BEST OF THE SURVEYOR'S KNOWLEDGE AND BELIEF AND ARE BASED UPON THE NATIONAL GRID SYSTEM.

COORDINATE TABLE

CONTRIBUTOR	NORTHING	EASTING
1	4975000.00	750000.00
2	4975000.00	750000.00
3	4975000.00	750000.00
4	4975000.00	750000.00
5	4975000.00	750000.00
6	4975000.00	750000.00
7	4975000.00	750000.00
8	4975000.00	750000.00
9	4975000.00	750000.00
10	4975000.00	750000.00

SURVEYOR'S CERTIFICATE
I, the undersigned, being a duly qualified and licensed Surveyor of the Province of Ontario, do hereby certify that the foregoing is a true and correct copy of the original plan and that the same has been filed for record in the office of the Registrar General of the Province of Ontario.

DATE: 2014, 05, 20

[Signature]
Surveyor

LEGEND

SYMBOL	DESCRIPTION
(Symbol)	BOUNDARY
(Symbol)	ROAD
(Symbol)	FENCE
(Symbol)	WATER
(Symbol)	UTILITY
(Symbol)	SETBACK
(Symbol)	ADJACENT PROPERTY
(Symbol)	CONCESSION
(Symbol)	LOT
(Symbol)	PARCEL
(Symbol)	SECTION
(Symbol)	TOWNSHIP
(Symbol)	COUNTY
(Symbol)	PROVINCE

PLAN OF SURVEY OF
 PART OF LOT 8, CONCESSION I,
 NORTH OF DUNDAS STREET
 TOWNSHIP OF TRAFALGAR
 NOW IN THE
 TOWN OF OAKVILLE
 COUNTY OF HALTON

Scale 200ft = 1in.
 J.R. DUNNING O.L.S. - 1967

PLAN HR. 61
 Approved Sept. 25th 1968
 James N. Dunning
 Ass't Examiner of Surveys

Plan HR. 61
 Recorded under No. D-14
 Registered 30-9-68
 W. L. A. ...
 Part 1 - Plan HR. 61 Section 12
 1968 Deputy Director of Titles

J 7350



PART I
 Area = 98.819 Acs.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY
 1. That this survey and plan are correct and in accordance with the Survey's Act and the Land Titles Act and the regulations made thereunder.
 2. That I was present at and did personally supervise the survey represented by this plan.
 3. That this plan contains a true copy of the field notes of survey.
 4. That the survey was completed on the 26th day of July 1967.
 Dated: 26 July 1967
 J.R. Dunning also
 J.R. Dunning Ontario Land Surveyor

Note:
 Bearings hereon are derived from the N35°40'E of the Post-Industrial Limit of Highway No 5 as shown on Deposited Plan No 1160.
 + LT denotes Iron tube 1/2" x 2' long.
 o SIA denotes Iron bar 1/2" x 4' long.
 o C.M. denotes Concrete Monument.

DUNDAS STREET - KING'S HIGHWAY No 5

CON. I S.D.S.

DUNNING & TAYLOR
 Ontario Land Surveyors
 1140 The Queensway
 Toronto 18 251-6803

CHAIN OF TITLE REPORT

Project # 518-20
 Address: w/s Dundas Street East, Oakville
 Legal Part Lot 8 Con 1 Trafalgar NDS
 Description: Parts 4, 5, 6 & 7 HR892160

Searched at: Milton
 LRO #: 20

Page 1

PIN# 24930-0169 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	29 08 1810	Crown	James DAVIDSON & Mary DAVIDSON
324	Deed	12 07 1825	James Davidson & Mary Davidson	John SMITH
211	Deed	11 05 1849	John Smith - Estate	Alexander PROUDFOOT
215	Deed	11 05 1849	Alexander Proudfoot	Frederick WILKINSON
31	Deed	26 05 1851	Frederick Wilkinson	Samuel SNIDER
199	Deed	21 08 1852	Samuel Snider	William SMITH
944	Deed	24 03 1855	William Smith	William SIBBALD
195	Deed	03 12 1855	William Sibbald	Joseph ORR
1491	Deed	01 05 1874	Joseph Orr	Antonia TURNER

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project # 518-20
 Address: w/s Dundas Street East, Oakville
 Legal Part Lot 8 Con 1 Trafalgar NDS
 Description: Parts 4, 5, 6 & 7 HR892160

Searched at: Milton
 LRO #: 20

Page 2

PIN# 24930-0169 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
45842	Deed	24 04 1886	Antonia Turner	William PERKINS
96733	Deed	22 04 1909	William Perkins	Herbert BRIND
10802	Deed	07 11 1912	Herbert Brind	Elizabeth Etta McMURRAY & Albert Edwin McMURRAY
19010	Deed	19 01 1939	Elizabeth Etta McMurray & Albert Edwin McMurray	Jack WELSMAN & Lolita WELSMAN
21717	Deed	14 11 1946	Jack Welsman & Lolita Welsman	John George MULLER
237377	Deed	27 11 1961	John George Muller	Diam Contractors Limited
HR892160	Expro. Plan (Present Owner)	26 11 2010	Diam Contractors Limited	The Regional Municipality of Halton

LAND
 REGISTRY
 OFFICE #20

24930-0169 (LT)

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

PROPERTY DESCRIPTION: PT LT 8, CON 1 TRAF, NDS, PARTS 4,5,6 & 7 HR892160; TOWN OF OAKVILLE

PROPERTY REMARKS:

ESTATE/QUALIFIER:
 FEE SIMPLE
 LT CONVERSION QUALIFIED

RECENTLY:
 DIVISION FROM 24930-0022

PIN CREATION DATE:
 2010/11/29

OWNERS' NAMES
 THE REGIONAL MUNICIPALITY OF HALTON

CAPACITY SHARE

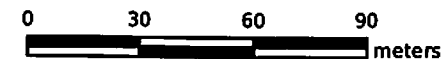
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 1996/03/25 **						
BL451	1950/05/31	BYLAW				C
D44	1968/09/30	APL FIRST REGN			DIAM CONTRACTORS LIMITED	C
HR892160	2010/11/26	PLAN EXPROPRIATION			THE REGIONAL MUNICIPALITY OF HALTON	C
REMARKS: 1 TO 7						

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.



PRINTED ON 30 JAN, 2018 AT 14:04:35
FOR BERTUCCI1

SCALE



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

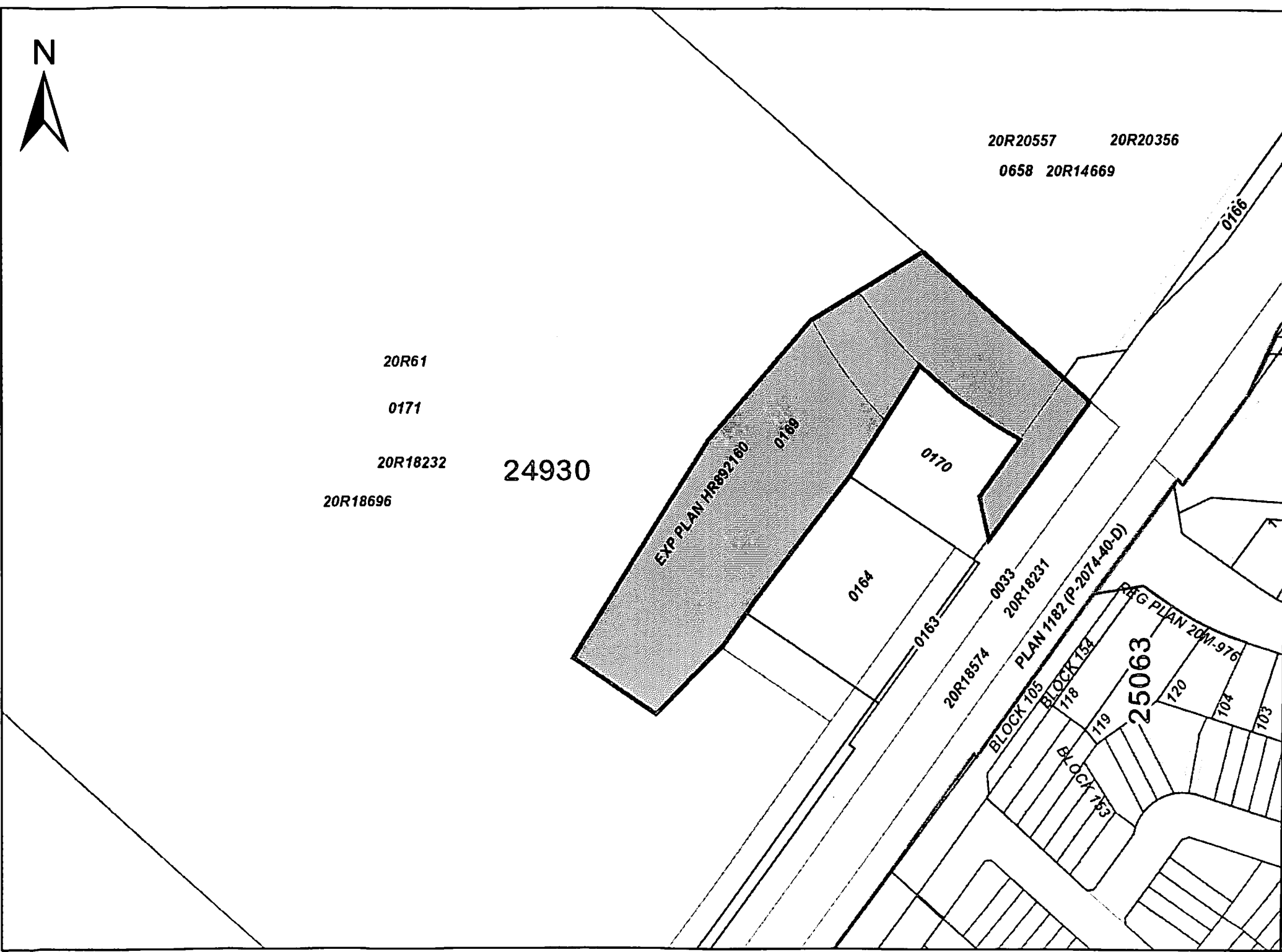
REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

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



CHAIN OF TITLE REPORT

Project # 518-20
 Address: w/s Dundas Street East, Oakville
 Legal Description: Part Lot 8 Con 1 Trafalgar NDS
Part 1 20R61
S & E Parts 2, 4, 5, 6 & 7 HR892160
 PIN# 24930-0170 (LT) & 24930-0171 (LT)

Searched at: Milton
 LRO #: 20

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	29 08 1810	Crown	James DAVIDSON & Mary DAVIDSON
324	Deed	12 07 1825	James Davldson & Mary Davidson	John SMITH
211	Deed	11 05 1849	John Smith - Estate	Alexander PROUDFOOT
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195	Deed	03 12 1855	William Sibbald	Joseph ORR
1491	Deed	01 05 1874	Joseph Orr	Antonia TURNER

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project # 518-20
 Address: w/s Dundas Street East, Oakville
 Legal Part Lot 8 Con 1 Trafalgar NDS
 Description: Part 1 20R61
S & E Parts 2, 4, 5, 6 & 7 HR892160
 PIN# 24930-0170 (LT) & 24930-0171 (LT)

Searched at: Milton
 LRO #: 20

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
45842	Deed	24 04 1886	Antonia Turner	William PERKINS
96733	Deed	22 04 1909	William Perkins	Herbert BRIND
10802	Deed	07 11 1912	Herbert Brind	Elizabeth Etta McMURRAY & Albert Edwin McMURRAY
19010	Deed	19 01 1939	Elizabeth Etta McMurray & Albert Edwin McMurray	Jack WELSMAN & Lolita WELSMAN
21717	Deed	14 11 1946	Jack Welsman & Lolita Welsman	John George MULLER
237377	Deed (Present Owner)	27 11 1961	John George Muller	Diam Contractors Limited

LAND
 REGISTRY
 OFFICE #20

24930-0170 (LT)

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

PROPERTY DESCRIPTION: PT LT 8, CON 1 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1 , 20R61 S & E PARTS 2,4,5,6 & 7 HR892160; S/T EASEMENT OVER PTS 1 & 3 HR892160

PROPERTY REMARKS: CORRECTION: DOCUMENT 301408 ADDED TO PIN ON 2011/03/22 AT 13:55 BY O'ROURKE, JOAN.

ESTATE/QUALIFIER:
 FEE SIMPLE
 LT CONVERSION QUALIFIED

RECENTLY:
 DIVISION FROM 24930-0022

PIN CREATION DATE:
 2010/11/29

OWNERS' NAMES
 DIAM CONTRACTORS LIMITED

CAPACITY SHARE
 BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2010/11/29 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 1996/03/25 **						
BL451	1950/05/31	BYLAW				C
190020	1965/09/09	CHARGE		*** DELETED AGAINST THIS PROPERTY ***	GODDARD, JACK H.	
D44	1968/09/30	APL FIRST REGN			DIAM CONTRACTORS LIMITED	C
20R61	1968/09/30	PLAN REFERENCE				C
301408	1970/10/05	DISCH OF CHARGE		*** COMPLETELY DELETED *** GODDARD, JACK H		
REMARKS: 190020.						
20R18232	2009/04/21	PLAN REFERENCE				C
20R18696	2010/08/30	PLAN REFERENCE				C

LAND
 REGISTRY
 OFFICE #20

24930-0171 (LT)

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

PROPERTY DESCRIPTION: PT LT 8, CON 1 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1 , 20R61 S & E PARTS 2,4,5,6 & 7 HR892160; TOWN OF OAKVILLE

PROPERTY REMARKS: CORRECTION: DOCUMENT 301408 ADDED TO 24930-0171 ON 2011/03/22 AT 13:58 BY O'ROURKE, JOAN.

ESTATE/QUALIFIER:
 FEE SIMPLE
 LT CONVERSION QUALIFIED

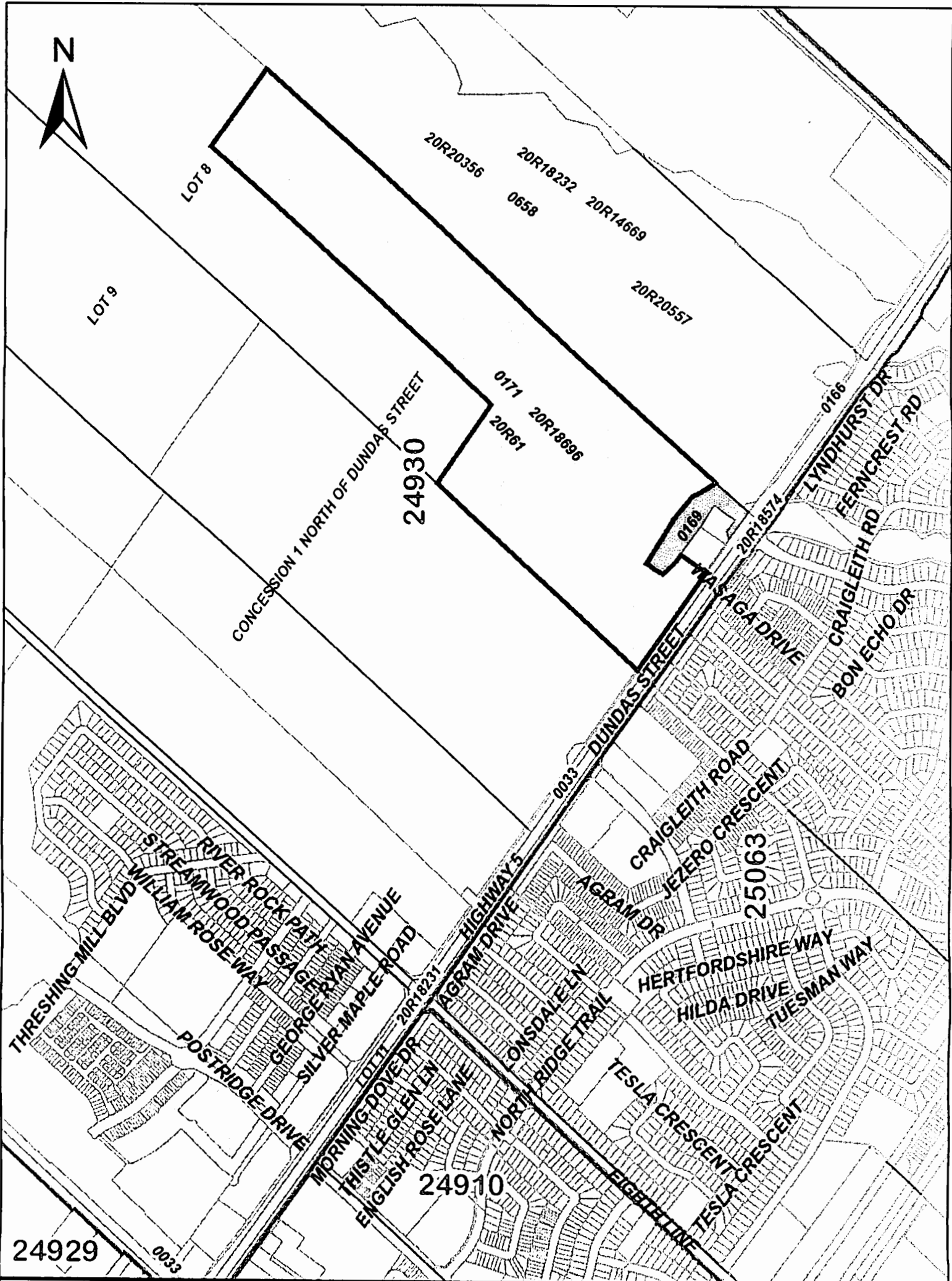
RECENTLY:
 DIVISION FROM 24930-0022

PIN CREATION DATE:
 2010/11/29

OWNERS' NAMES
 DIAM CONTRACTORS LIMITED

CAPACITY SHARE
 BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2010/11/29 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 1996/03/25 **						
BL451	1950/05/31	BYLAW				C
190020	1965/09/09	CHARGE		*** DELETED AGAINST THIS PROPERTY ***	GODDARD, JACK H.	
D44	1968/09/30	APL FIRST REGN			DIAM CONTRACTORS LIMITED	C
20R61	1968/09/30	PLAN REFERENCE				C
301408	1970/10/05	DISCH OF CHARGE		*** COMPLETELY DELETED *** GODDARD, JACK H		
REMARKS: 190020.						
20R18232	2009/04/21	PLAN REFERENCE				C
20R18696	2010/08/30	PLAN REFERENCE				C



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FOR BERTUCCI1

SCALE



LEGEND

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

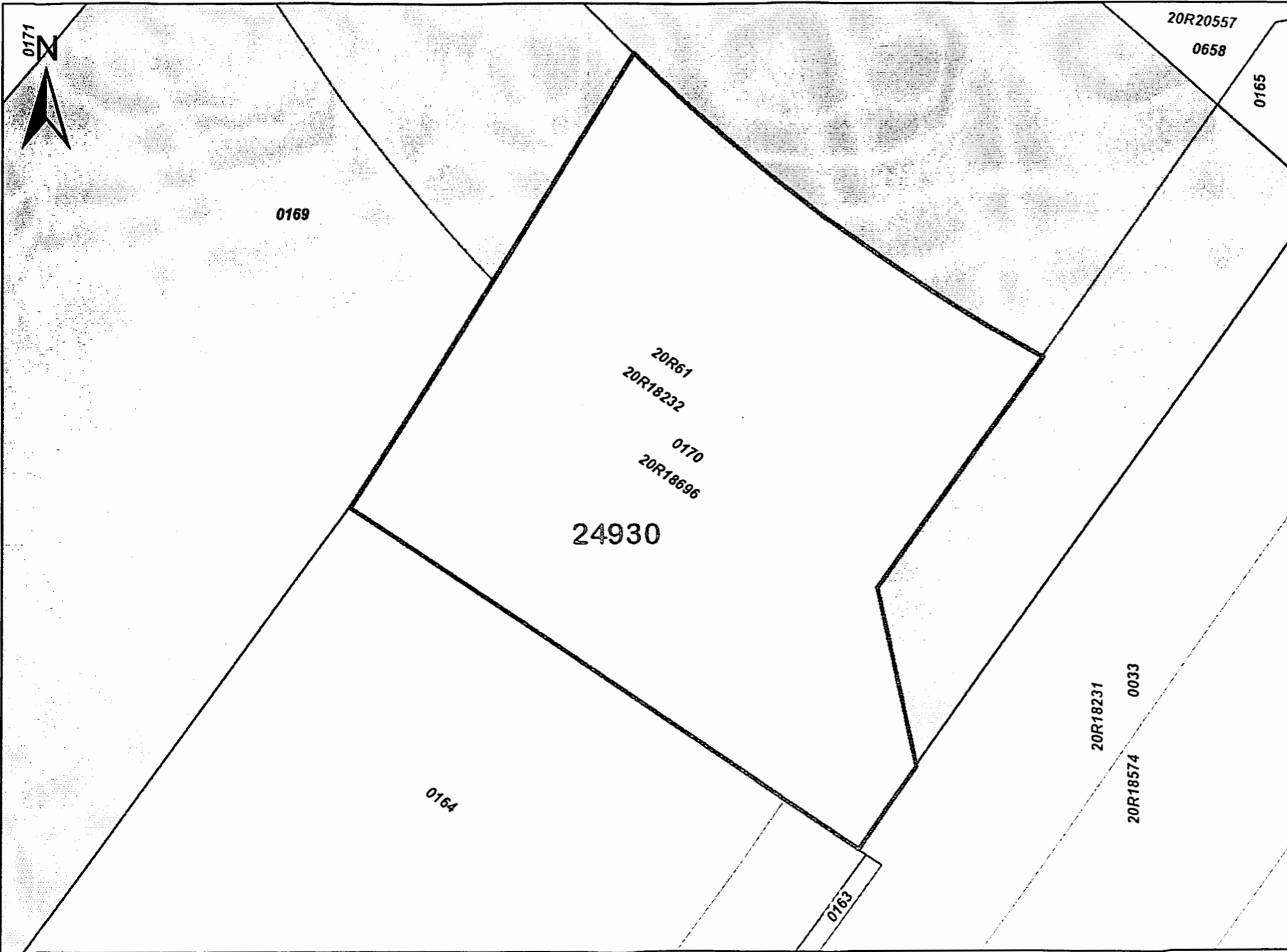
NOTES

- 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

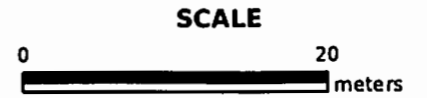
PROPERTY INDEX MAP
HALTON(No. 20)

THIS IS NOT A PLAN OF SURVEY





PRINTED ON 30 JAN, 2018 AT 14:05:00
FOR BERTUCCI1



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

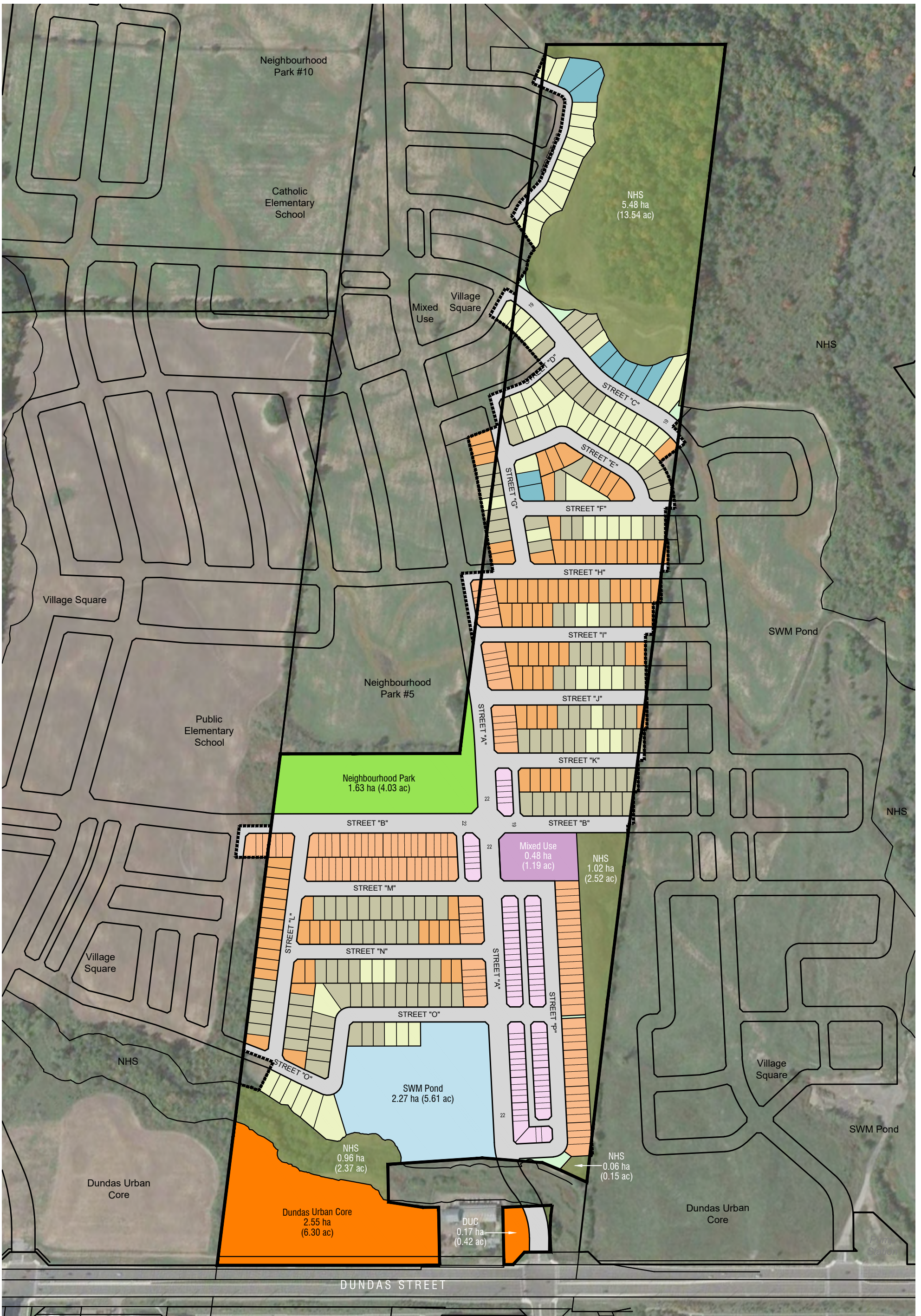
FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



Appendix B
Preliminary Lotted Development
Concept (July 2018)



DRAFT

- All Units In Metric Unless Otherwise Noted.
- Base Information Obtained From Various Sources And Is Approximate.
- Schedule / Plan Information Is Conceptual And Requires Verification by Appropriate Agency.
- Aerial Photo: Google Earth, Approx. Fall 2016



LAND USE SUMMARY

Original Site Area	38.48 ha. 95.1 ac.
NON-DEVELOPABLE	
NHS	7.55 ha. 18.7 ac.
Site Area	30.93 ha. 76.4 ac.
Transfer of Lands to Bressa	-0.57 ha. -1.4 ac.
Transfer of Lands from Bressa	0.56 ha. 1.4 ac.
Transfer of Lands to Dunoak	-0.11 ha. -0.3 ac.
Transfer of Lands from Dunoak	0.13 ha. 0.3 ac.
Net Developable Site Area (Post Land Exchange)	30.95 ha. 76.5 ac. 100.0%
DEVELOPABLE	
Residential (see 'UNIT SUMMARY' Below)	15.64 ha. 38.6 ac. 50.5%
Dundas Urban Core	2.72 ha. 6.7 ac. 8.8%
Mixed Use Block	0.48 ha. 1.2 ac. 1.6%
Parks	1.63 ha. 4.0 ac. 5.3%
Walkway/Vista	0.11 ha. 0.3 ac. 0.4%
SWM	2.27 ha. 5.6 ac. 7.3%
Right of Way	8.10 ha. 20.0 ac. 26.2%
TOTAL (Developable)	30.95 ha. 76.5 ac. 100.0%

UNIT SUMMARY

	Unit Width (m)	Depth (m)	Unit Count	SDE Count	Lot Mix	Lot Mix	Frntg. (lin.m)	Area	% Net Res.	Density (uph)
Towns (3 Sty. Lane)	(21')	6.40 x 18.5	80	58	16%		512.0	1.16 ha. 2.9 ac.	7.4%	69.0
Towns (3 Sty. Conv.)	(25')	7.60 x 27.4	113	82	22%		858.8	2.69 ha. 6.6 ac.	17.2%	42.0
Detached Homes	(38')	11.60 x 27.4	97	97	19%	31%	1125.2	3.33 ha. 8.2 ac.	21.3%	29.1
Detached Homes	(42')	12.80 x 27.4	132	132	26%	43%	1689.6	4.71 ha. 11.6 ac.	30.1%	28.0
Detached Homes	(45')	13.72 x 27.4	72	72	14%	23%	987.8	3.20 ha. 7.9 ac.	20.5%	22.5
Detached Homes	(50')	15.24 x 27.4	9	9	2%	3%	137.2	0.55 ha. 1.4 ac.	3.5%	16.4
TOTAL RESIDENTIAL			503	451	100%	100%	5310.6	15.64 ha. 38.6 ac.	100.0%	32.2

ROW SCHEDULE

	(m) width	(lin.m)	(lin.m) half width
Collector Road	22.0	871.1	126.4
Local Road	19.0	386.1	41.9
Local Road	17.0	2696.3	442.3
Lane	7.5	373.2	0.0
ROW Total		4326.7	610.6

Appendix C
Ecolog ERIS Report

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



DATABASE REPORT

Project Property: *North of 1279 Dundas Street East
North of 1279 Dundas Street East
Oakville ON*

Project No:

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *20180112046*

Requested by: *Ds Consultants Ltd.*

Date Completed: *April 12, 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:

*North of 1279 Dundas Street East
North of 1279 Dundas Street East Oakville ON*

Project No:

Order Information:

Order No:

20180112046

Date Requested:

January 12, 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	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	4	5
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	19	19
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	2	2
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MISA PENALTY	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBW	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGW	<i>Oil and Gas Wells</i>	Y	0	0	0
OGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	5	5
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	2	2
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	1	0	1
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	13	13
Total:			2	45	47

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	EHS		North of 1279 Dundas Street East Oakville ON	-/0.0	0.00	16
2	SPL	UNKNOWN	NORTH SIDE OF DUNDAS ST.1/2 WAY BETWEEN 8TH & 9TH LINE, PRIVATE PROPERTY. OAKVILLE TOWN ON	-/0.0	-3.61	16

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
3	WWIS		lot 8 con 1 ON	SE/6.8	-7.00	16
4	WWIS		OAKVILLE ON	ESE/24.4	-7.77	19
5	GEN	LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	SE/40.0	-5.98	21
5	GEN	LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	SE/40.0	-5.98	22
5	GEN	LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	SE/40.0	-5.98	22
5	GEN	LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	SE/40.0	-5.98	22
5	GEN	LMS Group Ltd	1297 Dundas Street East Oakville ON	SE/40.0	-5.98	23
5	GEN	Arthex Landscape Contractors Limited	1297 Dundas Street East Oakville ON L6H 7G1	SE/40.0	-5.98	23
5	GEN	Arthex Landscape Contractors Limited	1297 Dundas Street East Oakville ON L6H 7G1	SE/40.0	-5.98	23
5	PES	ARTHEX LANDSCAPE CONTRACTORS	1297 DUNDAS ST E OAKVILLE ON L6H 7G1	SE/40.0	-5.98	23
6	WWIS		OAKVILLE ON	SSE/40.1	3.56	24
7	WWIS		lot 9 con 1 ON	SSE/102.0	6.64	26
8	EHS		1350 Dundas Street East Oakville ON L6H 7E9	ESE/124.2	-7.67	29
9	GEN	Bobby Sandhu Drugs Ltd.	2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	SSE/131.6	7.70	29
9	GEN	Bobby Sandhu Drugs Ltd.	2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	SSE/131.6	7.70	29
9	GEN	Bobby Sandhu Drugs Ltd.	2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	SSE/131.6	7.70	30
9	PES	SITUL SACHANIA PHARMACY LTD.	2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	SSE/131.6	7.70	30
9	PES	BOBBY SANDHU DRUGS LTD. / SHOPPERS DRUG MART # 1203	2525 PRINCE MICHAEL DR OAKVILLE ON L6H 0E9	SSE/131.6	7.70	30
9	PES	SITUL SACHANIA PHARMACY LTD.	2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	SSE/131.6	7.70	31
9	PES	BOBBY SANDHU DRUGS LTD. / SHOPPERS DRUG MART # 1203	2525 PRINCE MICHAEL DR OAKVILLE ON L6H 0E9	SSE/131.6	7.70	31
10	WWIS		lot 9 con 1 ON	SSE/132.3	7.74	31
11	HINC		2481 LYNDBURST DRIVE OAKVILLE ON L6H 7V8	ESE/132.5	-7.75	34
12	WWIS		lot 8 con 1 ON	SE/139.7	-4.56	34

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
13	WWIS		lot 9 con 1 ON	SSE/142.0	6.75	37
14	HINC		2493 LYNDHURST OAKVILLE ON L6H 7V8	ESE/164.0	-6.88	40
15	GEN	Canuck Properties Ltd.	1369 Dundas St. E Unit C Mississauga ON	ESE/178.1	-7.89	40
16	EHS		1288 Burnhamthorpe Rd E Oakville ON L6H7B1	ENE/195.6	-5.99	40
17	WWIS		lot 7 con 1 ON	N/199.2	-5.25	41
17	WWIS		lot 7 con 1 ON	N/199.2	-5.25	44
17	WWIS		lot 7 con 1 ON	N/199.2	-5.25	47
18	WWIS		lot 9 con 1 OAKVILLE ON	SSE/203.0	8.01	50
19	RSC	Dunoak Developments Inc.	No Municipal Address OAKVILLE ON	SSW/218.1	4.88	52
20	EHS		Dundas Street East & Prince Michael Drive Oakville ON	S/226.7	8.01	52
21	WWIS		lot 7 con 1 OAKVILLE ON	ESE/233.3	-9.65	52
22	WWIS		lot 9 con 1 ON	SSE/236.0	7.01	54
23	RSC		1345-1429 DUNDAS STREET EAST, OAKVILLE, ON L6H 7G1 Oakville ON	E/237.3	-7.99	57
24	EHS		2501 Prince Michael Dr Oakville ON	SSE/239.1	8.01	58
24	GEN	Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	SSE/239.1	8.01	58
24	GEN	Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	SSE/239.1	8.01	58
24	GEN	Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON	SSE/239.1	8.01	59
24	GEN	Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	SSE/239.1	8.01	59
24	GEN	Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	SSE/239.1	8.01	59
24	GEN	Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	SSE/239.1	8.01	60
24	GEN	Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	SSE/239.1	8.01	60
24	GEN	Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	SSE/239.1	8.01	61

Executive Summary: Summary By Data Source

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Feb 28, 2018 has found that there are 5 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	North of 1279 Dundas Street East Oakville ON	0.0	<u>1</u>
	1350 Dundas Street East Oakville ON L6H 7E9	124.2	<u>8</u>
	1288 Burnhamthorpe Rd E Oakville ON L6H7B1	195.6	<u>16</u>
	Dundas Street East & Prince Michael Drive Oakville ON	226.7	<u>20</u>
	2501 Prince Michael Dr Oakville ON	239.1	<u>24</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-December 31, 2017 has found that there are 19 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	40.0	<u>5</u>
LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	40.0	<u>5</u>
LMS Group Ltd	1297 Dundas Street East Oakville ON	40.0	<u>5</u>
Arthex Landscape Contractors Limited	1297 Dundas Street East Oakville ON L6H 7G1	40.0	<u>5</u>
Arthex Landscape Contractors Limited	1297 Dundas Street East Oakville ON L6H 7G1	40.0	<u>5</u>
LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	40.0	<u>5</u>
LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	40.0	<u>5</u>
Bobby Sandhu Drugs Ltd.	2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	131.6	<u>9</u>
Bobby Sandhu Drugs Ltd.	2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	131.6	<u>9</u>
Bobby Sandhu Drugs Ltd.	2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	131.6	<u>9</u>

Site	Address	Distance (m)	Map Key
Canuck Properties Ltd.	1369 Dundas St. E Unit C Mississauga ON	178.1	15
Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	239.1	24
Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON	239.1	24
Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	239.1	24
Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	239.1	24
Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	239.1	24
Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	239.1	24
Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	239.1	24
Sherwin Williams Company	2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	239.1	24

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 2 HINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2481 LYNDHURST DRIVE OAKVILLE ON L6H 7V8	132.5	11
	2493 LYNDHURST OAKVILLE ON L6H 7V8	164.0	14

PES - Pesticide Register

A search of the PES database, dated 1988-Aug 2017 has found that there are 5 PES site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ARTHEX LANDSCAPE CONTRACTORS	1297 DUNDAS ST E OAKVILLE ON L6H 7G1	40.0	5
BOBBY SANDHU DRUGS LTD. / SHOPPERS DRUG MART # 1203	2525 PRINCE MICHAEL DR OAKVILLE ON L6H 0E9	131.6	9
SITUL SACHANIA PHARMACY LTD.	2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	131.6	9
SITUL SACHANIA PHARMACY LTD.	2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	131.6	9
BOBBY SANDHU DRUGS LTD. / SHOPPERS DRUG MART # 1203	2525 PRINCE MICHAEL DR OAKVILLE ON L6H 0E9	131.6	9

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Nov 2017 has found that there are 2 RSC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Dunoak Developments Inc.	No Municipal Address OAKVILLE ON	218.1	<u>19</u>
	1345-1429 DUNDAS STREET EAST, OAKVILLE, ON L6H 7G1 Oakville ON	237.3	<u>23</u>

SPL - Ontario Spills

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

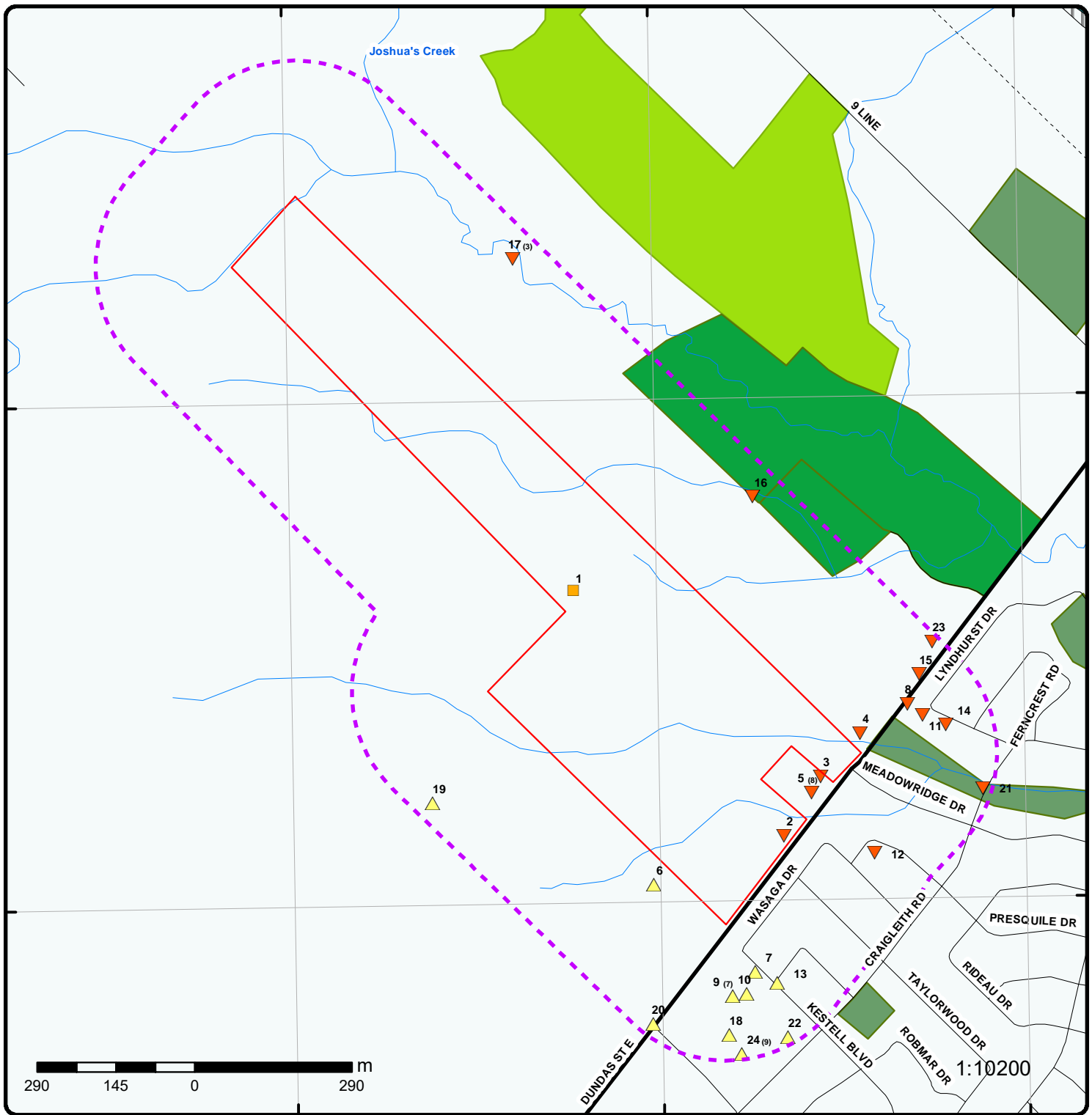
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
UNKNOWN	NORTH SIDE OF DUNDAS ST.1/2 WAY BETWEEN 8TH & 9TH LINE, PRIVATE PROPERTY. OAKVILLE TOWN ON	0.0	<u>2</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31, 2017 has found that there are 13 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 8 con 1 ON	6.8	<u>3</u>
	OAKVILLE ON	24.4	<u>4</u>
	OAKVILLE ON	40.1	<u>6</u>
	lot 9 con 1 ON	102.0	<u>7</u>
	lot 9 con 1 ON	132.3	<u>10</u>
	lot 8 con 1 ON	139.7	<u>12</u>
	lot 9 con 1 ON	142.0	<u>13</u>
	lot 7 con 1 ON	199.2	<u>17</u>
	lot 7 con 1 ON	199.2	<u>17</u>
	lot 7 con 1 ON	199.2	<u>17</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 9 con 1 OAKVILLE ON	203.0	<u>18</u>
	lot 7 con 1 OAKVILLE ON	233.3	<u>21</u>
	lot 9 con 1 ON	236.0	<u>22</u>



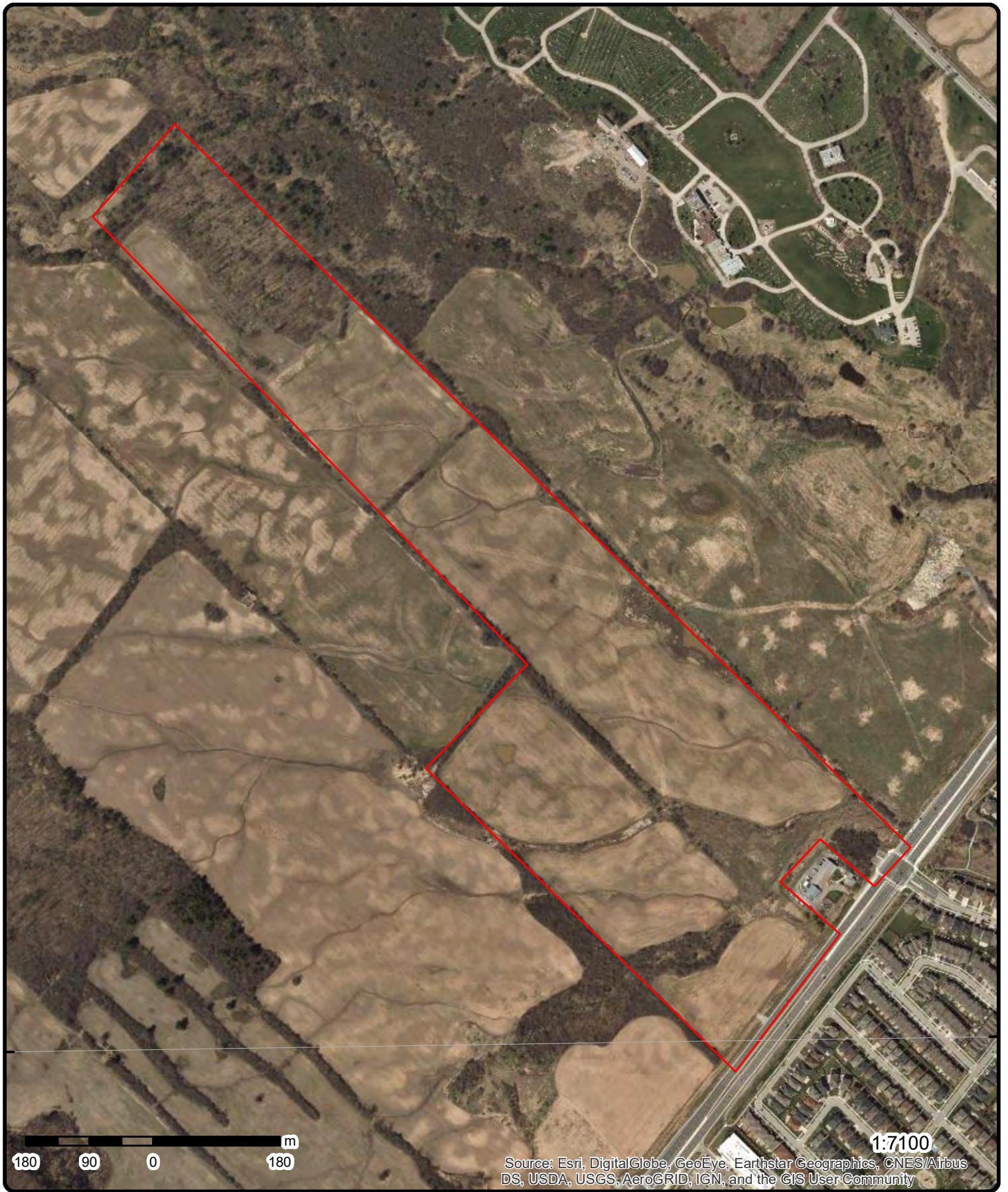
Map : 0.25 Kilometer Radius

Order No: 20180112046

Address: North of 1279 Dundas Street East, Oakville, ON



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



43°30'N

43°30'N

180 90 0 180 m

1:7100

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial (2017)

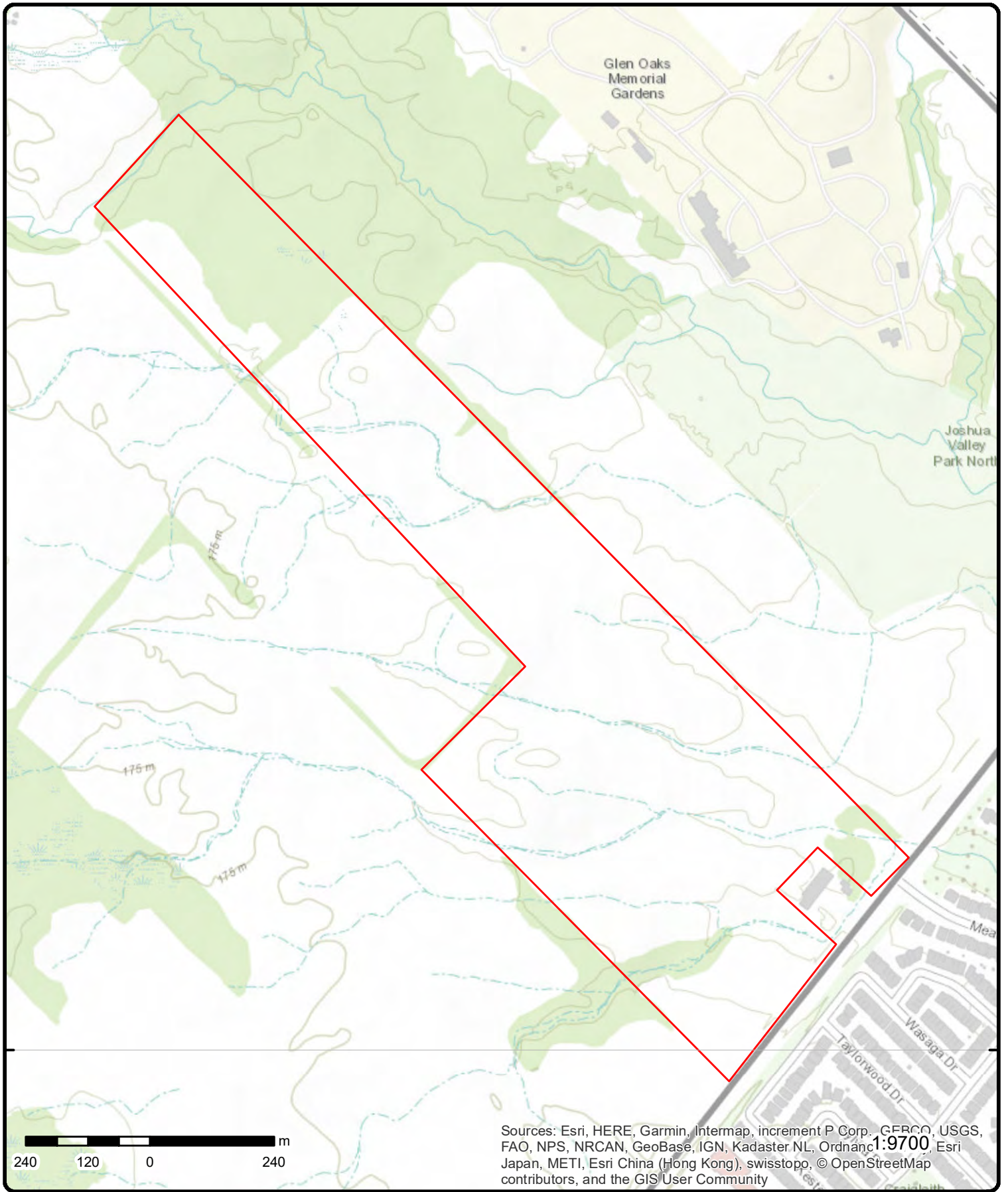
Address: North of 1279 Dundas Street East, Oakville, ON

Source: ESRI World Imagery

Order No: 20180112046



© ERIS Information Limited Partnership



Topographic Map

Address: North of 1279 Dundas Street East, Oakville, ON

Source: ESRI World Topographic Map

Order No: 20180112046



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	-/0.0	167.8 / 0.00	North of 1279 Dundas Street East Oakville ON	EHS
Order ID: 554401 Order No: 20180112046 Customer ID: 178729 Company ID: 114055 Status: C Report Code: 4CAN Report Type: Custom Report Report Date: 23-JAN-18 Report Requested by: Ds Consultants Ltd. Nearest Intersection: Previous Site Name: Additional Info Ordered:		Date Received: 12-JAN-18 Lot/Building Size: Municipality: Client Prov/State: ON Search Radius (km): .25 Large Radius: .3 X: -79.710256 Y: 43.505179			
2	1 of 1	-/0.0	164.2 / -3.61	UNKNOWN NORTH SIDE OF DUNDAS ST.1/2 WAY BETWEEN 8TH & 9TH LINE, PRIVATE PROPERTY. OAKVILLE TOWN ON	SPL
Ref No: 137659 Contaminant Name: Contaminant Code: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Contaminant Qty: Material Group: MOE Reported Dt: 2/26/1997 Health/Env Conseq: Incident Dt: // Incident Cause: OTHER CAUSE (N.O.S.) Incident Event: Incident Reason: OTHER Incident Summary: UNKNOWN SOURCE:26 BARRELS OF UNKNOWN MATERIAL DUMPED AT SIDE OF ROAD.		Sector Type: Source Type: Receiving Medium: LAND Receiving Env: Environment Impact: POSSIBLE Nature of Impact: Soil contamination SAC Action Class: Year: Site Address: Site Conc: Site Lot: Site County/District: Site Municipality: 14403 Site Postal Code:			
3	1 of 1	SE/6.8	160.8 / -7.00	lot 8 con 1 ON	WWIS
Well ID: 2805268 Construction Date: Primary Water Use: Livestock Sec. Water Use: Domestic Final Well Status: Water Supply Water Type: Casing Material: Audit No:		Data Entry Status: Data Src: 1 Date Received: 9/16/1978 Selected Flag: 1 Abandonment Rec: Contractor: 3637 Form Version: 1 Owner:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:				Street Name: County: HALTON Municipality: OAKVILLE TOWN Site Info: Lot: 008 Concession: 01 Concession Name: DS N Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 10151765 DP2BR: 9 Code OB: r Code OB Desc: Bedrock Open Hole: Elevation: 163.649505 Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Spatial Status: Cluster Kind: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4 Org CS: Date Completed: 4/27/1978	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931439030 Layer: 1 Color: 6 General Color: BROWN Mat1: 02 Most Common Material: TOPSOIL Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 0.00 Formation End Depth: 1.00 Formation End Depth UOM: ft					
Formation ID: 931439031 Layer: 2 Color: 6 General Color: BROWN Mat1: 05 Most Common Material: CLAY Mat2: 79 Other Materials: PACKED Mat3: Other Materials: Formation Top Depth: 1.00 Formation End Depth: 9.00 Formation End Depth UOM: ft					
Formation ID: 931439032 Layer: 3 Color: 7					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		90			
Other Materials:		VERY			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		9.00			
Formation End Depth:		20.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962805268			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10700335			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930257994			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		12.00			
Casing Diameter:		30.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930257995			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		20.00			
Casing Diameter:		24.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992805268			
Pump Set At:					
Static Level:		5.00			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		4.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Test Method:		2			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933608437			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		10.00			
Water Found Depth UOM:		ft			
Water ID:		933608438			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		19.00			
Water Found Depth UOM:		ft			

<u>4</u>	1 of 1	ESE/24.4	160.1 / -7.77	OAKVILLE ON	WWIS
Well ID:	2810341			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	9/7/2005
Sec. Water Use:				Selected Flag:	1
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	6809
Casing Material:				Form Version:	3
Audit No:	Z33983			Owner:	
Tag:	A023182			Street Name:	DUNDAS STREET
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	11319296	Spatial Status:	
DP2BR:	7	Cluster Kind:	
Code OB:	r	UTMRC:	4
Code OB Desc:	Bedrock	UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:		Location Method:	wwr
Elevation:	162.323287	Org CS:	UTM83
Elevrc:		Date Completed:	8/3/2005
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			933007549		
Layer:			1		
Color:			8		
General Color:			BLACK		
Mat1:			02		
Most Common Material:			TOPSOIL		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			0.00		
Formation End Depth:			1.00		
Formation End Depth UOM:			ft		
Formation ID:			933007550		
Layer:			2		
Color:			6		
General Color:			BROWN		
Mat1:			34		
Most Common Material:			TILL		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			1.00		
Formation End Depth:			7.00		
Formation End Depth UOM:			ft		
Formation ID:			933007551		
Layer:			3		
Color:			7		
General Color:			RED		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			7.00		
Formation End Depth:			18.00		
Formation End Depth UOM:			ft		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			933276184		
Layer:			1		
Plug From:			0.00		
Plug To:			2.00		
Plug Depth UOM:			ft		
Plug ID:			933276182		
Layer:			2		
Plug From:			2.00		
Plug To:			11.00		
Plug Depth UOM:			ft		
Plug ID:			933276183		
Layer:			3		
Plug From:			11.00		
Plug To:			18.00		
Plug Depth UOM:			ft		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Method of Construction & Well Use

Method Construction ID: 962810341
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11334151
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930860285
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.00
Depth To: 13.00
Casing Diameter: 2.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933414432
Layer: 1
Slot: 10
Screen Top Depth: 13.00
Screen End Depth: 18.00
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.00

Hole Diameter

Hole ID: 11537870
Diameter: 8.25
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

<u>5</u>	1 of 8	SE/40.0	161.9 / -5.98	LMS Group Ltd 1297 Dundas Street East Oakville ON L6H 7G1	GEN
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Generator No.:	ON9940070	PO Box No.:	
Status:		Country:	Canada
Approval Years:	2016	Choice of Contact:	CO_ADMIN
Contam. Facility:	No	Co Admin:	Tracey Campbell
MHSW Facility:	No	Phone No. Admin:	905-257-3009 Ext.
SIC Code:	561730		
SIC Description:	LANDSCAPING SERVICES		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
<u>5</u>	2 of 8	SE/40.0	161.9 / -5.98	LMS Group Ltd 1297 Dundas Street East Oakville ON L6H 7G1	GEN
Generator No.:	ON9940070			PO Box No.:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2017			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		251 L			
Waste Description:		Waste oils/sludges (petroleum based)			
Waste Code:		252 L			
Waste Description:		Waste crankcase oils and lubricants			
<u>5</u>	3 of 8	SE/40.0	161.9 / -5.98	LMS Group Ltd 1297 Dundas Street East Oakville ON L6H 7G1	GEN
Generator No.:	ON9940070			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Tracey Campbell
MHSW Facility:	No			Phone No. Admin:	905-257-3009 Ext.
SIC Code:	561730				
SIC Description:	LANDSCAPING SERVICES				
--Details--					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
<u>5</u>	4 of 8	SE/40.0	161.9 / -5.98	LMS Group Ltd 1297 Dundas Street East Oakville ON L6H 7G1	GEN
Generator No.:	ON9940070			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Tracey Campbell
MHSW Facility:	No			Phone No. Admin:	905-257-3009 Ext.
SIC Code:	561730				
SIC Description:	LANDSCAPING SERVICES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
<u>5</u>	5 of 8	SE/40.0	161.9 / -5.98	LMS Group Ltd 1297 Dundas Street East Oakville ON	GEN
Generator No.:	ON9940070			PO Box No.:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	561730				
SIC Description:	Landscaping Services				
<u>5</u>	6 of 8	SE/40.0	161.9 / -5.98	Arthex Landscape Contractors Limited 1297 Dundas Street East Oakville ON L6H 7G1	GEN
Generator No.:	ON2958174			PO Box No.:	
Status:				Country:	
Approval Years:	06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	811411				
SIC Description:	Home and Garden Equipment Repair and Maintenance				
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
<u>5</u>	7 of 8	SE/40.0	161.9 / -5.98	Arthex Landscape Contractors Limited 1297 Dundas Street East Oakville ON L6H 7G1	GEN
Generator No.:	ON2958174			PO Box No.:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	811411				
SIC Description:	Home and Garden Equipment Repair and Maintenance				
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
<u>5</u>	8 of 8	SE/40.0	161.9 / -5.98	ARTHEX LANDSCAPE CONTRACTORS 1297 DUNDAS ST E OAKVILLE ON L6H 7G1	PES
Licence No.:				Operator Box:	
Detail Licence No.:				Operator Class:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Licence Type Code:	02			Operator No.:	
Licence Type:	Operator			Operator Type:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Trade Name:				Operator Region:	
Post Office Box:				Operator District:	
Lot:				Operator County:	
Concession:				Oper Phone Area Cd:	
Region:				Ext:	
District:				Oper Phone Number:	
County:				Proponent Ext:	

<u>6</u>	1 of 1	SSE/40.1	171.4 / 3.56	OAKVILLE ON	WWIS
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Well ID:	2810339			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	9/7/2005
Sec. Water Use:				Selected Flag:	1
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	6809
Casing Material:				Form Version:	3
Audit No:	Z23513			Owner:	
Tag:	A023189			Street Name:	DUNDAS ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	11319294			Spatial Status:	
DP2BR:	10			Cluster Kind:	
Code OB:	r			UTMRC:	4
Code OB Desc:	Bedrock			UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:				Location Method:	wwr
Elevation:	172.362228			Org CS:	UTM83
Elevrc:				Date Completed:	8/2/2005
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID:	933007543				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	02				
Most Common Material:	TOPSOIL				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		1.00			
Formation End Depth UOM:		ft			
Formation ID:		933007544			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1.00			
Formation End Depth:		10.00			
Formation End Depth UOM:		ft			
Formation ID:		933007545			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		10.00			
Formation End Depth:		25.00			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933276178			
Layer:		1			
Plug From:		0.00			
Plug To:		2.00			
Plug Depth UOM:		ft			
Plug ID:		933276176			
Layer:		2			
Plug From:		2.00			
Plug To:		18.00			
Plug Depth UOM:		ft			
Plug ID:		933276177			
Layer:		3			
Plug From:		18.00			
Plug To:		25.00			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		962810339			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:					

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

Pipe ID: 11334149
 Casing No: 1
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 930860282
 Layer: 1
 Material: 5
 Open Hole or Material: PLASTIC
 Depth From: 0.00
 Depth To: 20.00
 Casing Diameter: 2.00
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933414430
 Layer: 1
 Slot: 10
 Screen Top Depth: 20.00
 Screen End Depth: 25.00
 Screen Material: 5
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 2.00

Hole Diameter

Hole ID: 11537868
 Diameter: 8.25
 Depth From:
 Depth To:
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

<u>7</u>	1 of 1	SSE/102.0	174.5 / 6.64	lot 9 con 1 ON	WWIS
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Well ID: 2804977
 Construction Date:
 Primary Water Use: Irrigation
 Sec. Water Use: 0
 Final Well Status: Water Supply
 Water Type:
 Casing Material:
 Audit No:
 Tag:
 Construction Method:
 Elevation (m):
 Elevation Reliability:
 Depth to Bedrock:
 Well Depth:
 Overburden/Bedrock:
 Pump Rate:
 Static Water Level:
 Flowing (Y/N):

Data Entry Status:
 Data Src: 1
 Date Received: 3/22/1976
 Selected Flag: 1
 Abandonment Rec:
 Contractor: 3413
 Form Version: 1
 Owner:
 Street Name:
 County: HALTON
 Municipality: OAKVILLE TOWN
 Site Info:
 Lot: 009
 Concession: 01
 Concession Name: DS S
 Easting NAD83:
 Northing NAD83:
 Zone:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flow Rate: Clear/Cloudy:				UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	10151484			Spatial Status:	
DP2BR:	10			Cluster Kind:	
Code OB:	r			UTMRC:	4
Code OB Desc:	Bedrock			UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:				Location Method:	p4
Elevation:	176.016021			Org CS:	
Elevrc:				Date Completed:	4/1/1975
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931437909				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0.00				
Formation End Depth:	10.00				
Formation End Depth UOM:	ft				
Formation ID:	931437910				
Layer:	2				
Color:					
General Color:					
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	10.00				
Formation End Depth:	27.00				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	962804977				
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10700054				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930257515
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To:
Casing Diameter: 30.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992804977
Pump Set At:
Static Level: 2.00
Final Level After Pumping: 20.00
Recommended Pump Depth:
Pumping Rate: 8.00
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 4
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934180518
Test Type: Draw Down
Test Duration: 15
Test Level: 20.00
Test Level UOM: ft

Pump Test Detail ID: 934446324
Test Type: Draw Down
Test Duration: 30
Test Level: 20.00
Test Level UOM: ft

Pump Test Detail ID: 934714271
Test Type: Draw Down
Test Duration: 45
Test Level: 20.00
Test Level UOM: ft

Pump Test Detail ID: 934966413
Test Type: Draw Down
Test Duration: 60
Test Level: 20.00
Test Level UOM: ft

Water Details

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM:		933608052 1 1 FRESH 22.00 ft			
<u>8</u>	1 of 1	ESE/124.2	160.2 / -7.67	1350 Dundas Street East Oakville ON L6H 7E9	EHS
Order ID: Order No: Customer ID: Company ID: Status: Report Code: Report Type: Report Date: Report Requested by: Nearest Intersection: Previous Site Name: Additional Info Ordered:		49701 20050218008 36467 185 C 2CAN 2/23/2005 Stantec Consulting Ltd. Fire Insur. Maps and/or Site Plans		Date Received: Lot/Building Size: Municipality: Client Prov/State: Search Radius (km): Large Radius: X: Y:	
				2/18/2005 ON 0.25 2 -79.702696 43.503224	
<u>9</u>	1 of 7	SSE/131.6	175.5 / 7.70	Bobby Sandhu Drugs Ltd. 2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON5260611 2015 No No 446110 446110		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	
				Canada CO_OFFICIAL NASTRAN NAJAFI-FARD 4164931220 Ext.3218	
--Details--					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
<u>9</u>	2 of 7	SSE/131.6	175.5 / 7.70	Bobby Sandhu Drugs Ltd. 2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON5260611 2016 No No 446110 446110		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	
				Canada CO_OFFICIAL NASTRAN NAJAFI-FARD 4164931220 Ext.3218	
--Details--					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		261			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		PHARMACEUTICALS			
9	3 of 7	SSE/131.6	175.5 / 7.70	Bobby Sandhu Drugs Ltd. 2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	GEN
Generator No.:	ON5260611			PO Box No.:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2017			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:	312 P				
Waste Description:	Pathological wastes				
Waste Code:	261 A				
Waste Description:	Pharmaceuticals				
9	4 of 7	SSE/131.6	175.5 / 7.70	SITUL SACHANIA PHARMACY LTD. 2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	PES
Licence No.:				Operator Box:	
Detail Licence No.:				Operator Class:	
Licence Type Code:	23			Operator No.:	
Licence Type:	Limited Vendor			Operator Type:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Trade Name:				Operator Region:	
Post Office Box:				Operator District:	
Lot:				Operator County:	
Concession:				Oper Phone Area Cd:	
Region:				Ext:	
District:				Oper Phone Number:	
County:				Proponent Ext:	
9	5 of 7	SSE/131.6	175.5 / 7.70	BOBBY SANDHU DRUGS LTD. / SHOPPERS DRUG MART # 1203 2525 PRINCE MICHAEL DR OAKVILLE ON L6H 0E9	PES
Licence No.:				Operator Box:	
Detail Licence No.:	23-01-15554-0			Operator Class:	
Licence Type Code:				Operator No.:	
Licence Type:	LIMITED			Operator Type:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Trade Name:				Operator Region:	
Post Office Box:				Operator District:	
Lot:				Operator County:	
Concession:				Oper Phone Area Cd:	
Region:				Ext:	
District:				Oper Phone Number:	
County:				Proponent Ext:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	6 of 7	SSE/131.6	175.5 / 7.70	SITUL SACHANIA PHARMACY LTD. 2525 PRINCE MICHAEL DRIVE OAKVILLE ON L6H 0E9	PES
Licence No.:		Vendor		Operator Box:	
Detail Licence No.:				Operator Class:	
Licence Type Code:				Operator No.:	
Licence Type:				Operator Type:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Trade Name:				Operator Region:	
Post Office Box:				Operator District:	
Lot:				Operator County:	
Concession:				Oper Phone Area Cd:	
Region:				Ext:	
District:				Oper Phone Number:	
County:				Proponent Ext:	
9	7 of 7	SSE/131.6	175.5 / 7.70	BOBBY SANDHU DRUGS LTD. / SHOPPERS DRUG MART # 1203 2525 PRINCE MICHAEL DR OAKVILLE ON L6H 0E9	PES
Licence No.:		Vendor		Operator Box:	
Detail Licence No.:				Operator Class:	
Licence Type Code:				Operator No.:	
Licence Type:				Operator Type:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Trade Name:				Operator Region:	
Post Office Box:				Operator District:	
Lot:				Operator County:	
Concession:				Oper Phone Area Cd:	
Region:				Ext:	
District:				Oper Phone Number:	
County:				Proponent Ext:	
10	1 of 1	SSE/132.3	175.6 / 7.74	lot 9 con 1 ON	WWIS
Well ID:		2803628		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Livestock		Date Received:	
Sec. Water Use:		Domestic		Selected Flag:	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	
Casing Material:				Form Version:	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	
Elevation (m):				Municipality:	
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Bore Hole ID:	10150164	Spatial Status:	
DP2BR:	10	Cluster Kind:	
Code OB:	r	UTMRC:	4
Code OB Desc:	Bedrock	UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:		Location Method:	p4
Elevation:	176.519912	Org CS:	
Elevrc:		Date Completed:	6/4/1971
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931432692
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	10.00
Formation End Depth UOM:	ft

Formation ID:	931432693
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10.00
Formation End Depth:	63.00
Formation End Depth UOM:	ft

**Method of Construction & Well
Use**

Method Construction ID:	962803628
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10698734
Casing No:	1
Comment:	
Alt Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930255361			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		13.00			
Casing Diameter:		6.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930255362			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		63.00			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992803628			
Pump Set At:					
Static Level:		14.00			
Final Level After Pumping:		50.00			
Recommended Pump Depth:		55.00			
Pumping Rate:		3.00			
Flowing Rate:					
Recommended Pump Rate:		5.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934167218			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		17.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934451164			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		14.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934710369			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		14.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934970264			
Test Type:		Recovery			
Test Duration:		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		14.00			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933606125			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		22.00			
Water Found Depth UOM:		ft			

11	1 of 1	ESE/132.5	160.1 / -7.75	2481 LYN DHURST DRIVE OAKVILLE ON L6H 7V8	HINC
External File Num:	FS INC 0611-03788				
Date of Occurrence:	11/7/2006				
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::	Construction Site (pipeline strike)				
Service Interruptions::	No				
Property Damage::	No				
Fuel Life Cycle Stage::	Transmission, Distribution and Transportation				
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::					

12	1 of 1	SE/139.7	163.3 / -4.56	lot 8 con 1 ON	WWIS
Well ID:	2805267			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/16/1978
Sec. Water Use:	0			Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3637
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	008
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Bore Hole ID:	10151764	Spatial Status:	
DP2BR:	7	Cluster Kind:	
Code OB:	r	UTMRC:	4
Code OB Desc:	Bedrock	UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:		Location Method:	p4
Elevation:	164.375762	Org CS:	
Elevrc:		Date Completed:	4/22/1978
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931439027
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	1.00
Formation End Depth UOM:	ft

Formation ID:	931439028
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1.00
Formation End Depth:	7.00
Formation End Depth UOM:	ft

Formation ID:	931439029
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	73
Other Materials:	HARD
Mat3:	90
Other Materials:	VERY
Formation Top Depth:	7.00
Formation End Depth:	25.00
Formation End Depth UOM:	ft

**Method of Construction & Well
Use**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		962805267			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10700334			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930257992			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		22.00			
Casing Diameter:		30.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930257993			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		25.00			
Casing Diameter:		24.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992805267			
Pump Set At:					
Static Level:		8.00			
Final Level After Pumping:		22.00			
Recommended Pump Depth:		23.00			
Pumping Rate:		14.00			
Flowing Rate:					
Recommended Pump Rate:		5.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934181015			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		21.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934446945			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Recovery			
Test Duration:		30			
Test Level:		20.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934714884			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		19.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934967036			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		18.00			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933608434			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		10.00			
Water Found Depth UOM:		ft			
Water ID:		933608435			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		17.00			
Water Found Depth UOM:		ft			
Water ID:		933608436			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		22.00			
Water Found Depth UOM:		ft			
13	1 of 1	SSE/142.0	174.6 / 6.75	lot 9 con 1 ON	WWIS
Well ID:	2804976			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Irrigation			Date Received:	3/22/1976
Sec. Water Use:	0			Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3413
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	009
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:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Bore Hole Information</u>					
Bore Hole ID:	10151483			Spatial Status:	
DP2BR:	5			Cluster Kind:	
Code OB:	r			UTMRC:	4
Code OB Desc:	Bedrock			UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:				Location Method:	p4
Elevation:	175.98941			Org CS:	
Elevrc:				Date Completed:	4/11/1975
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931437907				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0.00				
Formation End Depth:	5.00				
Formation End Depth UOM:	ft				
Formation ID:	931437908				
Layer:	2				
Color:					
General Color:					
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	5.00				
Formation End Depth:	70.00				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	962804976				
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10700053				
Casing No:	1				
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930257514			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:					
Casing Diameter:		30.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992804976			
Pump Set At:					
Static Level:		15.00			
Final Level After Pumping:		15.00			
Recommended Pump Depth:		68.00			
Pumping Rate:		18.00			
Flowing Rate:					
Recommended Pump Rate:		15.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934180517			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		15.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934446323			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934714270			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		15.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934966412			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		15.00			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933608051			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		45.00			
Water Found Depth UOM:		ft			
14	1 of 1	ESE/164.0	160.9 / -6.88	2493 LYN DHURST OAKVILLE ON L6H 7V8	HINC
External File Num:		FS INC 0701-00193			
Date of Occurrence:		12/13/2006			
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::		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::					
15	1 of 1	ESE/178.1	159.9 / -7.89	Canuck Properties Ltd. 1369 Dundas St. E Unit C Mississauga ON	GEN
Generator No.:		ON6109214		PO Box No.:	
Status:				Country:	
Approval Years:		2013		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		531210			
SIC Description:		OFFICES OF REAL ESTATE AGENTS AND BROKERS			
--Details--					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
16	1 of 1	ENE/195.6	161.8 / -5.99	1288 Burnhamthorpe Rd E Oakville ON L6H7B1	EHS
Order ID:		351029		Date Received:	23-OCT-14
Order No:		20141023004		Lot/Building Size:	101.94ha
Customer ID:		91507		Municipality:	Oakville
Company ID:		169		Client Prov/State:	ON
Status:		C		Search Radius (km):	.3
Report Code:		20CAN		Large Radius:	.5
Report Type:		RSC Report (Urban)		X:	-79.706151
Report Date:		29-OCT-14		Y:	43.50669
Report Requested by:		WSP Canada Inc.			
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 3	N/199.2	162.6 / -5.25	lot 7 con 1 ON	WWIS
Well ID: 2809464 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 207028 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: 10/15/2001 Selected Flag: 1 Abandonment Rec: Contractor: 4868 Form Version: 1 Owner: Street Name: County: HALTON Municipality: OAKVILLE TOWN Site Info: Lot: 007 Concession: 01 Concession Name: DS N Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
<u>Bore Hole Information</u>					
Bore Hole ID: 10518518 DP2BR: 25 Code OB: r Code OB Desc: Bedrock Open Hole: Elevation: 162.359909 Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Spatial Status: Cluster Kind: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: lot Org CS: Date Completed: 5/28/2001			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932838751 Layer: 1 Color: 6 General Color: BROWN Mat1: 02 Most Common Material: TOPSOIL Mat2: 85 Other Materials: SOFT Mat3: Other Materials: Formation Top Depth: 0.00 Formation End Depth: 1.00 Formation End Depth UOM: ft		Formation ID: 932838752 Layer: 2 Color: 2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		90			
Other Materials:		VERY			
Formation Top Depth:		1.00			
Formation End Depth:		23.00			
Formation End Depth UOM:		ft			
Formation ID:		932838753			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		23.00			
Formation End Depth:		25.00			
Formation End Depth UOM:		ft			
Formation ID:		932838754			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		15			
Other Materials:		LIMESTONE			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		25.00			
Formation End Depth:		40.00			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933221236			
Layer:		1			
Plug From:		0.00			
Plug To:		12.00			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962809464			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11067088			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:			930264840		
Layer:			1		
Material:			3		
Open Hole or Material:			CONCRETE		
Depth From:					
Depth To:					
Casing Diameter:			48.00		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
Casing ID:			930264841		
Layer:			2		
Material:			2		
Open Hole or Material:			GALVANIZED		
Depth From:					
Depth To:					
Casing Diameter:			36.00		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
Casing ID:			930264842		
Layer:			3		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:					
Casing Diameter:			42.00		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Results of Well Yield Testing</u>					
Pump Test ID:			992809464		
Pump Set At:					
Static Level:			5.00		
Final Level After Pumping:			28.00		
Recommended Pump Depth:			34.00		
Pumping Rate:			3.00		
Flowing Rate:					
Recommended Pump Rate:			2.00		
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:			1		
Water State After Test:			CLEAR		
Pumping Test Method:			1		
Pumping Duration HR:			3		
Pumping Duration MIN:			30		
Flowing:			N		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934175794		
Test Type:			Recovery		
Test Duration:			15		
Test Level:			27.00		
Test Level UOM:			ft		
Pump Test Detail ID:			934458186		
Test Type:			Recovery		
Test Duration:			30		
Test Level:			26.00		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
Pump Test Detail ID:		934716685			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		25.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934978045			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		24.00			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934010594			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		25.00			
Water Found Depth UOM:		ft			
Water ID:		934010595			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		37.00			
Water Found Depth UOM:		ft			
17	2 of 3	N/199.2	162.6 / -5.25	lot 7 con 1 ON	WWIS
Well ID:		2809326		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Commerical		Date Received: 3/26/2001	
Sec. Water Use:				Selected Flag: 1	
Final Well Status:		Test Hole		Abandonment Rec:	
Water Type:				Contractor: 4868	
Casing Material:				Form Version: 1	
Audit No:		207025		Owner:	
Tag:				Street Name:	
Construction Method:				County: HALTON	
Elevation (m):				Municipality: OAKVILLE TOWN	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 007	
Well Depth:				Concession: 01	
Overburden/Bedrock:				Concession Name: DS N	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		10155582		Spatial Status:	
DP2BR:		27		Cluster Kind:	
Code OB:		r		UTMRC: 9	
Code OB Desc:		Bedrock		UTMRC Desc: unknown UTM	
Open Hole:				Location Method: lot	
Elevation:		162.359909		Org CS:	
Elevrc:				Date Completed: 3/8/2001	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 931455104
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 1.00
Formation End Depth UOM: ft

Formation ID: 931455105
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 1.00
Formation End Depth: 25.00
Formation End Depth UOM: ft

Formation ID: 931455106
Layer: 3
Color: 6
General Color: BROWN
Mat1: 13
Most Common Material: BOULDERS
Mat2: 28
Other Materials: SAND
Mat3: 73
Other Materials: HARD
Formation Top Depth: 25.00
Formation End Depth: 27.00
Formation End Depth UOM: ft

Formation ID: 931455107
Layer: 4
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 15
Other Materials: LIMESTONE
Mat3: 73
Other Materials: HARD
Formation Top Depth: 27.00
Formation End Depth: 50.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933140623			
Layer:		1			
Plug From:		0.00			
Plug To:		50.00			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962809326			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10704152			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930264699			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		6.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992809326			
Pump Set At:					
Static Level:		8.00			
Final Level After Pumping:		29.00			
Recommended Pump Depth:					
Pumping Rate:		4.00			
Flowing Rate:					
Recommended Pump Rate:		2.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		15			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934175724			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		19.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934458119			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		14.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934716617			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		11.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934977978			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		8.00			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933613522			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		27.00			
Water Found Depth UOM:		ft			
Water ID:		933613523			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		36.00			
Water Found Depth UOM:		ft			
Water ID:		933613524			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		48.00			
Water Found Depth UOM:		ft			

17	3 of 3	N/199.2	162.6 / -5.25	lot 7 con 1 ON	WWIS
Well ID:	2809325			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	3/26/2001
Sec. Water Use:				Selected Flag:	1
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	4868
Casing Material:				Form Version:	1
Audit No:	207026			Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	007
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	DS N
Pump Rate:				Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10155581			Spatial Status:	
DP2BR:	28			Cluster Kind:	
Code OB:	r			UTMRC:	9
Code OB Desc:	Bedrock			UTMRC Desc:	unknown UTM
Open Hole:				Location Method:	lot
Elevation:	162.359909			Org CS:	
Elevrc:				Date Completed:	3/9/2001
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931455101				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0.00				
Formation End Depth:	1.00				
Formation End Depth UOM:	ft				
Formation ID:	931455102				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Other Materials:	STONES				
Mat3:	90				
Other Materials:	VERY				
Formation Top Depth:	1.00				
Formation End Depth:	28.00				
Formation End Depth UOM:	ft				
Formation ID:	931455103				
Layer:	3				
Color:	7				
General Color:	RED				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:	15				
Other Materials:	LIMESTONE				
Mat3:	73				
Other Materials:	HARD				
Formation Top Depth:	28.00				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		40.00			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933140622			
Layer:		1			
Plug From:		0.00			
Plug To:		40.00			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962809325			
Method Construction Code:		0			
Method Construction:		Not Known			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10704151			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930264698			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		6.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992809325			
Pump Set At:					
Static Level:		5.00			
Final Level After Pumping:		15.00			
Recommended Pump Depth:		35.00			
Pumping Rate:		2.00			
Flowing Rate:					
Recommended Pump Rate:		2.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		4			
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934175723			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Recovery			
Test Duration:		15			
Test Level:		11.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934458118			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		5.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934716616			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		5.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934977977			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		5.00			
Test Level UOM:		ft			
Water Details					
Water ID:		933613520			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		28.00			
Water Found Depth UOM:		ft			
Water ID:		933613521			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		37.00			
Water Found Depth UOM:		ft			

18	1 of 1	SSE/203.0	175.8 / 8.01	lot 9 con 1 OAKVILLE ON	WWIS
Well ID:	2810588			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/2/2006
Sec. Water Use:				Selected Flag:	1
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1660
Casing Material:				Form Version:	3
Audit No:	Z33707			Owner:	
Tag:				Street Name:	1194 DUNDAS ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	009
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	11552498			Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:	o			UTMRC:	3
Code OB Desc:	Overburden			UTMRC Desc:	margin of error : 10 - 30 m
Open Hole:				Location Method:	wwr
Elevation:	177.078308			Org CS:	UTM83
Elevrc:				Date Completed:	2/7/2006
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	933066132				
Layer:	1				
Color:					
General Color:					
Mat1:	24				
Most Common Material:	PREV. DRILLED				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0.00				
Formation End Depth:					
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933299778				
Layer:	1				
Plug From:	57.00				
Plug To:	35.00				
Plug Depth UOM:	ft				
Plug ID:	933299779				
Layer:	2				
Plug From:	35.00				
Plug To:	6.00				
Plug Depth UOM:	ft				
Plug ID:	933299780				
Layer:	3				
Plug From:	6.00				
Plug To:	0.00				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	962810588				
Method Construction Code:					
Method Construction:					
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		11562105			
Casing No:		1			
Comment:					
Alt Name:					
19	1 of 1	SSW/218.1	172.7 / 4.88	Dunoak Developments Inc. No Municipal Address OAKVILLE ON	RSC
Reg No:	52314			Cert Date:	31-Jan-06
RA No:				Cert Prop Use No:	No CPU
RSC Type:				Intended Prop Use:	Residential
Curr Property Use:	Agriculture/Other			Nm of Qual. Person:	Michael Vernoooy
District Office:	OAKVILLE			Stratified (Y/N):	
Date Submitted:	24-Apr-09			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	Yes
Date Returned:				Accuracy Estimate:	21 to 100 meters
Restoration Type:				Telephone:	905-8297637
Soil Type:				Fax:	905-8292002
Criteria:				Email:	mike.vernooy@mattamycorp.com
Asmt Roll No:					
Prop. ID No:	24930 - 0019 LT				
CPU Issued Sect 1686:	No				
Property Municipal Address:	No Municipal Address				
Mailing Address:	234 Cortleigh Boulevard, Toronto, Ontario M5N 1P7				
Latitude & Longitude:	43.50169120N 79.71353460W (converted from UTM)				
UTM Coordinates:	NAD83 17-604001-4817333				
Consultant:					
Filing Owner:					
Legal Desc:	PT LT 9, CON 1 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 639000; OAKVILLE/TRAFALGAR				
Measurement Method:	Digitized from a satellite image				
Applicable Standards:	Full Depth Site Conditions Standard, with Potable Ground Water, Medium/Fine Textured Soil, for Residential/Parkland/Institutional property use				
RSC PDF:					
20	1 of 1	S/226.7	175.8 / 8.01	Dundas Street East & Prince Michael Drive Oakville ON	EHS
Order ID:	48023			Date Received:	12/13/04
Order No:	20041213009			Lot/Building Size:	6.7 acres
Customer ID:	35187			Municipality:	
Company ID:	182			Client Prov/State:	ON
Status:	C			Search Radius (km):	0.25
Report Code:	4CAN			Large Radius:	2
Report Type:	Custom Report			X:	-79.708101
Report Date:	12/16/04			Y:	1
Report Requested by:	Barenco Inc.				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:					
21	1 of 1	ESE/233.3	158.2 / -9.65	lot 7 con 1 OAKVILLE ON	WWIS
Well ID:	2810168			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	3/2/2005
Sec. Water Use:				Selected Flag:	1
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type:				Contractor:	1660
Casing Material:				Form Version:	3
Audit No:	Z00796			Owner:	
Tag:				Street Name:	1350 DUNDAS ST EAST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	007
Well Depth:				Concession:	01
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:	11319123	Spatial Status:	
DP2BR:		Cluster Kind:	
Code OB:	—	UTMRC:	4
Code OB Desc:	No formation data	UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:		Location Method:	wwr
Elevation:	156.945678	Org CS:	UTM83
Elevrc:		Date Completed:	2/17/2005
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment

Sealing Record

Plug ID:	933265844
Layer:	1
Plug From:	8.00
Plug To:	6.50
Plug Depth UOM:	ft
Plug ID:	933265840
Layer:	2
Plug From:	6.50
Plug To:	5.00
Plug Depth UOM:	ft
Plug ID:	933265841
Layer:	3
Plug From:	5.00
Plug To:	4.00
Plug Depth UOM:	ft
Plug ID:	933265842
Layer:	4
Plug From:	4.00
Plug To:	3.00
Plug Depth UOM:	ft
Plug ID:	933265843
Layer:	5
Plug From:	3.00
Plug To:	0.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962810168			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11333978			
Casing No:		1			
Comment:					
Alt Name:					
22	1 of 1	SSE/236.0	174.8 / 7.01	lot 9 con 1 ON	WWIS
Well ID:		2804978		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Irrigation		Date Received: 9/25/1975	
Sec. Water Use:		0		Selected Flag: 1	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 5206	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: HALTON	
Elevation (m):				Municipality: OAKVILLE TOWN	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 009	
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:		10151485		Spatial Status:	
DP2BR:		40		Cluster Kind:	
Code OB:		r		UTMRC: 4	
Code OB Desc:		Bedrock		UTMRC Desc: margin of error : 30 m - 100 m	
Open Hole:				Location Method: p4	
Elevation:		177.175476		Org CS:	
Elevrc:				Date Completed: 5/8/1975	
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931437911			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:					
General Color:					
Mat1:		23			
Most Common Material:		PREVIOUSLY DUG			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		40.00			
Formation End Depth UOM:		ft			
Formation ID:		931437912			
Layer:		2			
Color:					
General Color:					
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		40.00			
Formation End Depth:		140.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962804978			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10700055			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930257516			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		38.00			
Casing Diameter:		12.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930257517			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		140.00			
Casing Diameter:		12.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992804978			
Pump Set At:					
Static Level:		6.00			
Final Level After Pumping:		100.00			
Recommended Pump Depth:					
Pumping Rate:		3.00			
Flowing Rate:					
Recommended Pump Rate:		3.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934180519			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		90.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934446325			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		85.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934714272			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		80.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934966414			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		75.00			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933608053			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		89.00			
Water Found Depth UOM:		ft			
Water ID:		933608054			
Layer:		2			
Kind Code:		2			
Kind:		SALTY			
Water Found Depth:		140.00			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	1 of 1	E/237.3	159.8 / -7.99	1345-1429 DUNDAS STREET EAST, OAKVILLE, ON L6H 7G1 Oakville ON	RSC
Reg No:	222461			Cert Date:	
RA No:				Cert Prop Use No:	
RSC Type:	Phase 1 RSC			Intended Prop Use:	Residential
Curr Property Use:	Agricultural/Other			Nm of Qual. Person:	DAVID HOFBAUER
District Office:	Halton-Peel District Office			Stratified (Y/N):	
Date Submitted:	2016/08/26			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	
Date Returned:				Accuracy Estimate:	
Restoration Type:				Telephone:	
Soil Type:				Fax:	
Criteria:				Email:	
Asmt Roll No:	240101002001600,240101002005400				
Prop. ID No:	24930-0167 (LT)				
CPU Issued Sect 1686:					
Property Municipal Address:	1345-1429 DUNDAS STREET EAST, OAKVILLE, ON L6H 7G1				
Mailing Address:					
Latitude & Longitude:					
UTM Coordinates:					
Consultant:					
Filing Owner:	BRESSA DEVELOPMENTS LIMITED				
Legal Desc:					
Measurement Method:					
Applicable Standards:					
RSC PDF:				https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69498&fileName=BROWNFIELD-S-E.pdf	
--Details--					
Document Heading:	Supporting Documents				
Document Type:	Phase 1 Conceptual Site Model				
Document Name:	Phase One CSM.pdf				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69490&fileName=Phase+One+CSM.pdf				
Document Heading:	Supporting Documents				
Document Type:	Certificate of Status				
Document Name:	Cert of Status.pdf				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69499&fileName=Cert+of+Stat+us.pdf				
Document Heading:	Supporting Documents				
Document Type:	Table of Current and Past Property Use				
Document Name:	CP Table.pdf				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69755&fileName=CP+Table.pdf				
Document Heading:	Supporting Documents				
Document Type:	Lawyer's letter consisting of a legal description of the property				
Document Name:	lawyer letter.pdf				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69491&fileName=lawyer+letter.pdf				
Document Heading:	Supporting Documents				
Document Type:	Copy of any deed(s), transfer(s) or other document(s)				
Document Name:	Transfer.pdf				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69495&fileName=Transfer.pdf				
Document Heading:	Supporting Documents				
Document Type:	A Current plan of Survey				
Document Name:	Bressa-Plan 20R-20356 marked.pdf				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69492&fileName=Bressa-Plan+20R-20356+marked.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	1 of 9	SSE/239.1	175.8 / 8.01	2501 Prince Michael Dr Oakville ON	EHS
Order ID:	467447			Date Received:	30-JUN-16
Order No:	20160630034			Lot/Building Size:	
Customer ID:	88647			Municipality:	
Company ID:	35545			Client Prov/State:	ON
Status:	C			Search Radius (km):	.25
Report Code:	3CAN			Large Radius:	.3
Report Type:	Standard Report			X:	-79.706592
Report Date:	07-JUL-16			Y:	43.497466
Report Requested by:	Landtek Limited				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:	Topographic Maps; City Directory; Aerial Photos				
24	2 of 9	SSE/239.1	175.8 / 8.01	Sherwin Williams Company 2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	GEN
Generator No.:	ON3241340			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Paula Braga
MHSW Facility:	No			Phone No. Admin:	905-507-0166 Ext.101
SIC Code:	444120				
SIC Description:	PAINT AND WALLPAPER STORES				
--Details--					
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	232				
Waste Description:	POLYMERIC RESINS				
24	3 of 9	SSE/239.1	175.8 / 8.01	Sherwin Williams Company 2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	GEN
Generator No.:	ON3241340			PO Box No.:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	444120				
SIC Description:	Paint and Wallpaper Stores				
--Details--					
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	232				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		POLYMERIC RESINS			
24	4 of 9	SSE/239.1	175.8 / 8.01	Sherwin Williams Company 2501 Prince Michael Drive Units 7 & 8 Oakville ON	GEN
Generator No.:	ON3241340			PO Box No.:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	444120				
SIC Description:	PAINT AND WALLPAPER STORES				
--Details--					
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	232				
Waste Description:	POLYMERIC RESINS				
24	5 of 9	SSE/239.1	175.8 / 8.01	Sherwin Williams Company 2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	GEN
Generator No.:	ON3241340			PO Box No.:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	444120				
SIC Description:	Paint and Wallpaper Stores				
--Details--					
Waste Code:	232				
Waste Description:	POLYMERIC RESINS				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
24	6 of 9	SSE/239.1	175.8 / 8.01	Sherwin Williams Company 2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	GEN
Generator No.:	ON3241340			PO Box No.:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2017			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		232 L			
Waste Description:		Polymeric resins			
Waste Code:		145 I			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		331 I			
Waste Description:		Waste compressed gases including cylinders			
Waste Code:		145 L			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		232 I			
Waste Description:		Polymeric resins			
24	7 of 9	SSE/239.1	175.8 / 8.01	Sherwin Williams Company 2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	GEN
Generator No.:	ON3241340			PO Box No.:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	444120				
SIC Description:	Paint and Wallpaper Stores				
--Details--					
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		232			
Waste Description:		POLYMERIC RESINS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
24	8 of 9	SSE/239.1	175.8 / 8.01	Sherwin Williams Company 2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	GEN
Generator No.:	ON3241340			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Paula Braga
MHSW Facility:	No			Phone No. Admin:	905-507-0166 Ext.101
SIC Code:	444120				
SIC Description:	PAINT AND WALLPAPER STORES				
--Details--					
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		232			
Waste Description:		POLYMERIC RESINS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	9 of 9	SSE/239.1	175.8 / 8.01	Sherwin Williams Company 2501 Prince Michael Drive Units 7 & 8 Oakville ON L6H 0E9	GEN

Generator No.:	ON3241340	PO Box No.:	
Status:		Country:	Canada
Approval Years:	2014	Choice of Contact:	CO_ADMIN
Contam. Facility:	No	Co Admin:	Paula Braga
MHSW Facility:	No	Phone No. Admin:	905-507-0166 Ext.101
SIC Code:	444120		
SIC Description:	PAINT AND WALLPAPER STORES		

--Details--

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 232
Waste Description: POLYMERIC RESINS

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

Unplottable Summary

Total: **24** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Joshua Oak Developments Inc.	Part Lot 8, Concession 1	Oakville ON	
CA	2021872 Ontario Inc.	Part of Lot 9, Concession 1, South of Dundas Street	Oakville ON	
CA	The Regional Municipality of Halton	Dundas St	Oakville ON	
CA	Ljerka and Milan Marek	Part of Lot 8, Concession 1, South of Dundas Street	Oakville ON	
CA	Ljerka and Milan Marek	Part of Lot 8, Concession 1, South of Dundas Street	Oakville ON	
CA	SILWELL DEV. LTD.-LOTS 15 & 16, CONC. 1	ST. 'D'/DUNDAS ST.	OAKVILLE TOWN ON	
CA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	
CA	2021872 Ontario Inc.	Part of Lot 9, Concession 1, South of Dundas Street	Oakville ON	
ECA	Melrose Investments Inc.	South of Dundas Street	Oakville ON	L6J 0A7
ECA	The Regional Municipality of Halton	Dundas St	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Dundas St	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	

WDS	S. OF DUNDAS ST	OAKVILLE ON
WDS	S. OF DUNDAS ST	OAKVILLE ON
WDS	S. OF DUNDAS ST	OAKVILLE ON
WDS	S. OF DUNDAS ST	OAKVILLE ON
WDS	S. OF DUNDAS ST	OAKVILLE ON
WDS	S. OF DUNDAS ST	OAKVILLE ON
WWIS		OAKVILLE ON
WWIS		Oakville ON

Unplottable Report

Site: *Joshua Oak Developments Inc.*
Part Lot 8, Concession 1 Oakville ON

Database:
CA

Certificate #: 2434-6CBS6Q
Application Year: 2005
Issue Date: 7/18/2005
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *2021872 Ontario Inc.*
Part of Lot 9, Concession 1, South of Dundas Street Oakville ON

Database:
CA

Certificate #: 1559-6DJNA9
Application Year: 2005
Issue Date: 6/28/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *The Regional Municipality of Halton*
Dundas St Oakville ON

Database:
CA

Certificate #: 6286-6YFLLC
Application Year: 2007
Issue Date: 2/15/2007
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: *Ljerka and Milan Marek*
Part of Lot 8, Concession 1, South of Dundas Street Oakville ON

Database:
CA

Certificate #: 9591-6DJP6P

Application Year: 2005
Issue Date: 6/28/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *Ljerka and Milan Marek
Part of Lot 8, Concession 1, South of Dundas Street Oakville ON*

Database:
[CA](#)

Certificate #: 5183-6EBQB9
Application Year: 2005
Issue Date: 7/18/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *SILWELL DEV. LTD.-LOTS 15 & 16, CONC. 1
ST. 'D'/DUNDAS ST. OAKVILLE TOWN ON*

Database:
[CA](#)

Certificate #: 3-0110-92-
Application Year: 92
Issue Date: 2/12/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *The Regional Municipality of Halton
Dundas Street (Regional Road 5) Oakville ON*

Database:
[CA](#)

Certificate #: 7683-8LBNUQ
Application Year: 2011
Issue Date: 9/23/2011
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: 2021872 Ontario Inc.
Part of Lot 9, Concession 1, South of Dundas Street Oakville ON

Database:
CA

Certificate #: 5235-6DJN8C
Application Year: 2005
Issue Date: 6/22/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Melrose Investments Inc.
South of Dundas Street Oakville ON L6J 0A7

Database:
ECA

Approval No: 2513-9BHJA5
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Status: Approved
Approval Date: 2013-09-30
Record Type: ECA
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Link Source: IDS
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3399-9B9J9E-14.pdf>

MOE District:
SWP Area Name:
Address: South of Dundas Street
City: Oakville
Longitude:
Latitude:

Site: The Regional Municipality of Halton
Dundas St Oakville ON L6M 3L1

Database:
ECA

Approval No: 6286-6YFLLC
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Status: Approved
Approval Date: 2007-02-15
Record Type: ECA
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Link Source: IDS
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/1463-6YCPRC-14.pdf>

MOE District:
SWP Area Name:
Address: Dundas St
City: Oakville
Longitude:
Latitude:

Site: The Regional Municipality of Halton
Dundas St Oakville ON L6M 3L1

Database:
ECA

Approval No: 9133-8PBLUJ
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Status: Approved
Approval Date: 2012-01-31
Record Type: ECA
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Link Source: IDS
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8212-8GZQZK-14.pdf>

MOE District:
SWP Area Name:
Address: Dundas St
City: Oakville
Longitude:
Latitude:

Site: *The Regional Municipality of Halton*
Dundas Street (Regional Road 5) Oakville ON L6M 3L1 **Database:**
ECA

Approval No: 5144-9VYPUD
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
MOE District:
SWP Area Name:

Status: Revoked and/or Replaced
Address: Dundas Street (Regional Road 5)
Approval Date: 2015-04-30
City: Oakville
Record Type: ECA
Longitude:
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Latitude:
Link Source: IDS
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3332-9MKHUQ-14.pdf>

Site: *The Regional Municipality of Halton*
Dundas Street (Regional Road 5) Oakville ON L6M 3L1 **Database:**
ECA

Approval No: 7683-8LBNUQ
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
MOE District:
SWP Area Name:

Status: Approved
Address: Dundas Street (Regional Road 5)
Approval Date: 2011-09-23
City: Oakville
Record Type: ECA
Longitude:
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Latitude:
Link Source: IDS
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5398-8LARP7-14.pdf>

Site: *The Regional Municipality of Halton*
Dundas Street (Regional Road 5) Oakville ON L6M 3L1 **Database:**
ECA

Approval No: 1689-ACRL59
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
MOE District:
SWP Area Name:

Status: Approved
Address: Dundas Street (Regional Road 5)
Approval Date: 2016-08-15
City: Oakville
Record Type: ECA
Longitude:
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Latitude:
Link Source: IDS
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5930-A6DTKG-14.pdf>

Site: *S. OF DUNDAS ST OAKVILLE ON* **Database:**
WDS

Certificate No: A210406
Mob Unit Cert No:
EBR Registry No:
Status: Approved
Application Status:
Issue Date: 04/17/1980
Input Date: 11/18/93
Date Received: 1/6/86
Record Type:
Project Type:
Approval Type:
SWP Area Name:
MOE District:
Latitude:
Longitude:
Link Source:

Facility Type: Landfill
Site Concession: 4 AND 3, SDS
Site Region/County:
Total Area (ha): 16.65
Landfill Cap (m³): 0
Landfill Ctrl Type:
Est Closure Date:
Transfer Area (ha): 0
Transfer Cap (m³): 0
Transfer Cert No:
Inciner. Area (ha): 0
Inciner. Cap (t): 0
Process Area (m³): 0
Process Cap (m³/d): 0
Process Vol (m³): 0
Process Feed (m³): 0

Proponent: SHELL CANADA LTD. (OAKVILLE) **Mobile Units:**
Prop Address: OAKVILLE REGINERY, BOX 308 **Mobile Description:**
Prop City: OAKVILLE, ONTARIO **Mobile Capacity:** 0
Prop Postal: L6V-5A5 **Serial Link:** 210406
Prop Phone: **District Office:** Halton-Peel
Proponent County/District:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Full Address:
Landfill Monitoring:
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Class: 201
Waste Class Code: 201
Project Description:
Municipalities Served: POPULATION N/A
Site Closing Description: THERE ARE 2 CONDITIONS IN THE CERTIFICATE AND THERE IS ALSO THE SCHEDULE "B".
Approval Description:
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Other Approvals/Permits:
PDF URL:

Site: **S. OF DUNDAS ST OAKVILLE ON** **Database:** **WDS**

Certificate No: A210406 **Facility Type:** Landfill
Mob Unit Cert No: **Site Concession:** 4 AND 3, SDS
EBR Registry No: **Site Region/County:**
Status: Approved **Total Area (ha):** 16.65
Application Status: **Landfill Cap (m³):** 0
Issue Date: 10/10/1975 **Landfill Ctrl Type:**
Input Date: 11/18/93 **Est Closure Date:**
Date Received: 1/6/86 **Transfer Area (ha):** 0
Record Type: **Transfer Cap (m³):** 0
Project Type: **Transfer Cert No:**
Approval Type: **Inciner. Area (ha):** 0
SWP Area Name: **Inciner. Cap (t):** 0
MOE District: **Process Area (m³):** 0
Latitude: **Process Cap (m³/d):** 0
Longitude: **Process Vol (m³):** 0
Link Source: **Process Feed (m³):** 0
Proponent: SHELL CANADA LTD. (OAKVILLE) **Mobile Units:**
Prop Address: OAKVILLE REGINERY, BOX 308 **Mobile Description:**
Prop City: OAKVILLE, ONTARIO **Mobile Capacity:** 0
Prop Postal: L6V-5A5 **Serial Link:** 210406
Prop Phone: **District Office:** Halton-Peel
Proponent County/District:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Full Address:
Landfill Monitoring:
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Class: 201
Waste Class Code: 201
Project Description:
Municipalities Served: POPULATION N/A
Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE
Approval Description:
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Other Approvals/Permits:
PDF URL:

Site: **S. OF DUNDAS ST OAKVILLE ON** **Database:** **WDS**

Certificate No:	A210406	Facility Type:	Landfill
Mob Unit Cert No:		Site Concession:	4 AND 3, SDS
EBR Registry No:		Site Region/County:	
Status:	Approved	Total Area (ha):	16.65
Application Status:		Landfill Cap (m³):	0
Issue Date:	08/31/1976	Landfill Ctrl Type:	
Input Date:	11/18/93	Est Closure Date:	
Date Received:	1/6/86	Transfer Area (ha):	0
Record Type:		Transfer Cap (m³):	0
Project Type:		Transfer Cert No:	
Approval Type:		Inciner. Area (ha):	0
SWP Area Name:		Inciner. Cap (t):	0
MOE District:		Process Area (m³):	0
Latitude:		Process Cap (m³/d):	0
Longitude:		Process Vol (m³):	0
Link Source:		Process Feed (m³):	0
Proponent:	SHELL CANADA LTD. (OAKVILLE)	Mobile Units:	
Prop Address:	OAKVILLE REGINERY, BOX 308	Mobile Description:	
Prop City:	OAKVILLE, ONTARIO	Mobile Capacity:	0
Prop Postal:	L6V-5A5	Serial Link:	210406
Prop Phone:		District Office:	Halton-Peel
Proponent County/District:			
Site Lot:	34 AND 35, PT. DWG. 467-79-1 AND 467-79-3		
Full Address:			
Landfill Monitoring:			
Waste Type:	non-hazardous solid-industrial, liquid industrial		
Waste Type Other:	No		
Waste Class:	201		
Waste Class Code:	201		
Project Description:			
Municipalities Served:	POPULATION N/A		
Site Closing Description:	THERE IS NO CONDITIONS IN THE CERTIFICATE		
Approval Description:			
Waste Description:	100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970		
Other Approvals/Permits:			
PDF URL:			

Site: S. OF DUNDAS ST OAKVILLE ON

Database:
WDS

Certificate No:	A210406	Facility Type:	Landfill
Mob Unit Cert No:		Site Concession:	4 AND 3, SDS
EBR Registry No:		Site Region/County:	
Status:	Approved	Total Area (ha):	16.65
Application Status:		Landfill Cap (m³):	0
Issue Date:	07/24/1973	Landfill Ctrl Type:	
Input Date:	11/18/93	Est Closure Date:	
Date Received:	1/6/86	Transfer Area (ha):	0
Record Type:		Transfer Cap (m³):	0
Project Type:		Transfer Cert No:	
Approval Type:		Inciner. Area (ha):	0
SWP Area Name:		Inciner. Cap (t):	0
MOE District:		Process Area (m³):	0
Latitude:		Process Cap (m³/d):	0
Longitude:		Process Vol (m³):	0
Link Source:		Process Feed (m³):	0
Proponent:	SHELL CANADA LTD. (OAKVILLE)	Mobile Units:	
Prop Address:	OAKVILLE REGINERY, BOX 308	Mobile Description:	
Prop City:	OAKVILLE, ONTARIO	Mobile Capacity:	0
Prop Postal:	L6V-5A5	Serial Link:	210406
Prop Phone:		District Office:	Halton-Peel
Proponent County/District:			
Site Lot:	34 AND 35, PT. DWG. 467-79-1 AND 467-79-3		
Full Address:			
Landfill Monitoring:			
Waste Type:	non-hazardous solid-industrial, liquid industrial		

Waste Type Other: No
Waste Class: 201
Waste Class Code: 201
Project Description:
Municipalities Served: POPULATION N/A
Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE
Approval Description:
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Other Approvals/Permits:
PDF URL:

Site: **S. OF DUNDAS ST OAKVILLE ON** **Database:**
WDS

Certificate No: A210406 Mob Unit Cert No: EBR Registry No: Status: Approved Application Status: Issue Date: 01/02/1986 Input Date: 11/18/93 Date Received: 1/6/86 Record Type: Project Type: Approval Type: SWP Area Name: MOE District: Latitude: Longitude: Link Source: Proponent: SHELL CANADA LTD. (OAKVILLE) Prop Address: OAKVILLE REGINERY, BOX 308 Prop City: OAKVILLE, ONTARIO Prop Postal: L6V-5A5 Prop Phone: Proponent County/District: Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3 Full Address: Landfill Monitoring: Waste Type: non-hazardous solid-industrial, liquid industrial Waste Type Other: No Waste Class: 201 Waste Class Code: 201 Project Description: Municipalities Served: POPULATION N/A Site Closing Description: THERE IS 1 CONDITION IN THE CERTIFICATE AND ALSO SCHEDULE "A" IS ATTACHED. Approval Description: Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970 Other Approvals/Permits: PDF URL:	Facility Type: Landfill Site Concession: 4 AND 3, SDS Site Region/County: Total Area (ha): 16.65 Landfill Cap (m³): 0 Landfill Ctrl Type: Est Closure Date: Transfer Area (ha): 0 Transfer Cap (m³): 0 Transfer Cert No: Inciner. Area (ha): 0 Inciner. Cap (t): 0 Process Area (m³): 0 Process Cap (m³/d): 0 Process Vol (m³): 0 Process Feed (m³): 0 Mobile Units: Mobile Description: Mobile Capacity: 0 Serial Link: 210406 District Office: Halton-Peel
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Site: **S. OF DUNDAS ST OAKVILLE ON** **Database:**
WDS

Certificate No: A210406 Mob Unit Cert No: EBR Registry No: Status: Approved Application Status: Issue Date: 06/16/1974 Input Date: 11/18/93 Date Received: 1/6/86 Record Type: Project Type:	Facility Type: Landfill Site Concession: 4 AND 3, SDS Site Region/County: Total Area (ha): 16.65 Landfill Cap (m³): 0 Landfill Ctrl Type: Est Closure Date: Transfer Area (ha): 0 Transfer Cap (m³): 0 Transfer Cert No:
---	---

Approval Type:
SWP Area Name:
MOE District:
Latitude:
Longitude:
Link Source:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Prop City: OAKVILLE, ONTARIO
Prop Postal: L6V-5A5
Prop Phone:
Proponent County/District:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Full Address:
Landfill Monitoring:
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Class: 201
Waste Class Code: 201
Project Description:
Municipalities Served: POPULATION N/A
Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE
Approval Description:
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Other Approvals/Permits:
PDF URL:

Inciner. Area (ha): 0
Inciner. Cap (t): 0
Process Area (m³): 0
Process Cap (m³/d): 0
Process Vol (m³): 0
Process Feed (m³): 0
Mobile Units:
Mobile Description:
Mobile Capacity: 0
Serial Link: 210406
District Office: Halton-Peel

Site: S. OF DUNDAS ST OAKVILLE ON

Database:
WDS

Certificate No: A210406
Mob Unit Cert No:
EBR Registry No:
Status: Approved
Application Status:
Issue Date: 08/10/1971
Input Date: 11/18/93
Date Received: 1/6/86
Record Type:
Project Type:
Approval Type:
SWP Area Name:
MOE District:
Latitude:
Longitude:
Link Source:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Prop City: OAKVILLE, ONTARIO
Prop Postal: L6V-5A5
Prop Phone:
Proponent County/District:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Full Address:
Landfill Monitoring:
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Class: 201
Waste Class Code: 201
Project Description:
Municipalities Served: POPULATION N/A
Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE
Approval Description:
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Other Approvals/Permits:

Facility Type: Landfill
Site Concession: 4 AND 3, SDS
Site Region/County:
Total Area (ha): 16.65
Landfill Cap (m³): 0
Landfill Ctrl Type:
Est Closure Date:
Transfer Area (ha): 0
Transfer Cap (m³): 0
Transfer Cert No:
Inciner. Area (ha): 0
Inciner. Cap (t): 0
Process Area (m³): 0
Process Cap (m³/d): 0
Process Vol (m³): 0
Process Feed (m³): 0
Mobile Units:
Mobile Description:
Mobile Capacity: 0
Serial Link: 210406
District Office: Halton-Peel

Site:		Database:	
S. OF DUNDAS ST OAKVILLE ON		WDS	
Certificate No:	A210406	Facility Type:	Landfill
Mob Unit Cert No:		Site Concession:	4 AND 3, SDS
EBR Registry No:		Site Region/County:	
Status:	Approved	Total Area (ha):	16.65
Application Status:		Landfill Cap (m³):	0
Issue Date:	07/06/1972	Landfill Ctrl Type:	
Input Date:	11/18/93	Est Closure Date:	
Date Received:	1/6/86	Transfer Area (ha):	0
Record Type:		Transfer Cap (m³):	0
Project Type:		Transfer Cert No:	
Approval Type:		Inciner. Area (ha):	0
SWP Area Name:		Inciner. Cap (t):	0
MOE District:		Process Area (m³):	0
Latitude:		Process Cap (m³/d):	0
Longitude:		Process Vol (m³):	0
Link Source:		Process Feed (m³):	0
Proponent:	SHELL CANADA LTD. (OAKVILLE)	Mobile Units:	
Prop Address:	OAKVILLE REGINERY, BOX 308	Mobile Description:	
Prop City:	OAKVILLE, ONTARIO	Mobile Capacity:	0
Prop Postal:	L6V-5A5	Serial Link:	210406
Prop Phone:		District Office:	Halton-Peel
Proponent County/District:			
Site Lot:	34 AND 35, PT. DWG. 467-79-1 AND 467-79-3		
Full Address:			
Landfill Monitoring:			
Waste Type:	non-hazardous solid-industrial, liquid industrial		
Waste Type Other:	No		
Waste Class:	201		
Waste Class Code:	201		
Project Description:			
Municipalities Served:	POPULATION N/A		
Site Closing Description:	THERE IS NO CONDITIONS IN THE CERTIFICATE		
Approval Description:			
Waste Description:	100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970		
Other Approvals/Permits:			
PDF URL:			

Site:		Database:	
OAKVILLE ON		WWIS	
Well ID:	7037782	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Not Used	Date Received:	11/28/2006
Sec. Water Use:		Selected Flag:	1
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	6607
Casing Material:		Form Version:	3
Audit No:	Z37274	Owner:	
Tag:	A046448	Street Name:	1357 DUNDAS ST
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	OAKVILLE TOWN
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: 11761211
DP2BR:
Code OB:
Code OB Desc: No formation data
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC:
UTMRC Desc:
Location Method:
Org CS:
Date Completed: 6/29/2006

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933310419
Layer: 1
Plug From: 0.00
Plug To: 9.10
Plug Depth UOM: m

**Method of Construction & Well
Use**

Method Construction ID: 967037782
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 11768901
Casing No: 1
Comment:
Alt Name:

Water Details

Water ID: 934082623
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 6.00
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11847097
Diameter: 15.00
Depth From: 0.00
Depth To: 9.10
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: Oakville ON

Database:
WWIS

Well ID: 7258948
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z221832
Tag: A156103
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 3/8/2016
Selected Flag: 1
Abandonment Rec: Yes
Contractor: 7295
Form Version: 7
Owner:
Street Name: DUNDAS ST E
County:
Municipality:
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005902368
DP2BR:
Code OB:
Code OB Desc:
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr
Org CS: UTM83
Date Completed: 1/18/2016

Annular Space/Abandonment Sealing Record

Plug ID: 1006020446
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Plug ID: 1006020447
Layer: 1
Plug From: 0.00
Plug To: 30.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006020445
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1006020438
Casing No: 0

Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006020442
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
Casing Diameter: 1.80
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006020443
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.00

Water Details

Water ID: 1006020441
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006020440
Diameter: 6.00
Depth From: 0.00
Depth To: 7.00
Hole Depth UOM: ft
Hole Diameter UOM: inch

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**

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

Government Publication Date: Feb 28, 2017

Chemical Register:

Private **CHEM**

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

Government Publication Date: 1999-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 31, 2012

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial **COAL**

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial **CONV**

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

Government Publication Date: 1989-Nov 2017

Certificates of Property Use:

Provincial **CPU**

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

Government Publication Date: 1994-Oct 2017

Drill Hole Database:

Provincial **DRL**

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

Government Publication Date: 1886-Nov 30, 2017

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-Jan 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-Oct 2017

Environmental Compliance Approval:

Provincial **ECA**

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

Government Publication Date: Oct 2011-Jan 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 with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Dec 2017

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2017

Fuel Storage Tank:

Provincial **FST**

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial **FSTH**

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial **GEN**

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

Government Publication Date: 1986-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 2015

TSSA Historic Incidents:

Provincial **HINC**

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal **IAFT**

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial **INC**

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial **LIMO**

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

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-Feb 2017

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 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-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Dec 31, 2017

National Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-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-December 31, 2017

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-Oct 2017

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Oct 2017

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: 1988-Aug 2017

TSSA Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994-Oct 2017

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial

RSC

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

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2017

Retail Fuel Storage Tanks:

Private

RST

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

Government Publication Date: 1999-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-Sep 2017

Wastewater Discharger Registration Database:

Provincial **SRDS**

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

Government Publication Date: 1990-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.

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-Jan 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: Mar 31, 2017

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix D
Regulatory Document

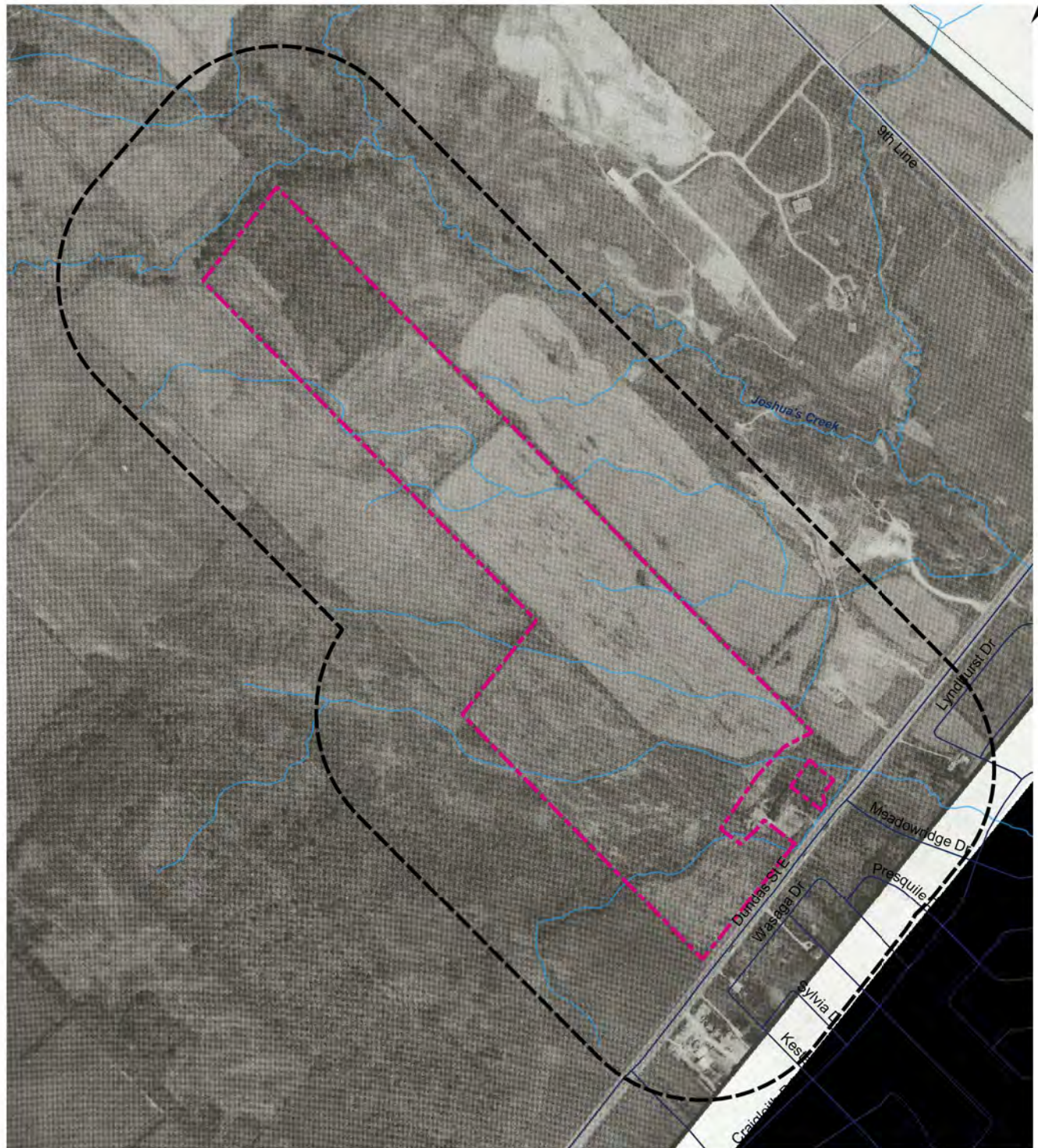
Freedom of Information Request

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

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Shafi Andseta, Ph.D., P.Geo., QP DS Consultants Ltd. 6221 Highway 7, Unit 16 Vaughan, ON. L4H 0K8 Email Address: shafi.andseta@dsconsultants.ca			FOI Request No.	Date Request Received
			Fee Paid <input type="checkbox"/> ACCT <input type="checkbox"/> CHQ <input checked="" type="checkbox"/> VISA-MC <input type="checkbox"/> CASH	
Telephone/Fax Nos. Tel : (905) 264-9393	Your Project/Reference No. 518-20	Signature of Requester SA February 15, 2018	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) Part of Lot 8, Concession 1, North of Dundas Street, Township of Trafalgar, Oakville, County of Halton.				
Present Property Owner(s) and Date(s) of Ownership Diam Contractors Limited since 1961				
Previous Property Owner(s) and Date(s) of Ownership Private individuals				
Present/Previous Tenant(s), (if applicable) Vacant, Agricultural				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All Years	
Orders			All Years	
Spills			All Years	
Investigations/prosecutions ▶ Owner AND tenant information must be provided			All Years	
Waste Generator number/classes			All Years	
Certificates of Approval ▶ Proponent information must be provided 1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions				1986- present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				1986- present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				1986- present
waste water - industrial discharge				1986- present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				1986- present
waste systems - PCB destruction, mobile waste processing units, haulers, sewage, non-hazardous & hazardous waste				1986- present
pesticides - licenses				1986- present

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

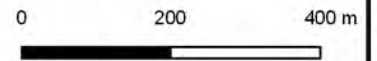
Appendix E
Mapping and Aerial
Photographs



Source: 1987 Aerial Photography from The Regional Municipality of Halton

Legend

-  Site Boundary
-  250m Buffer



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

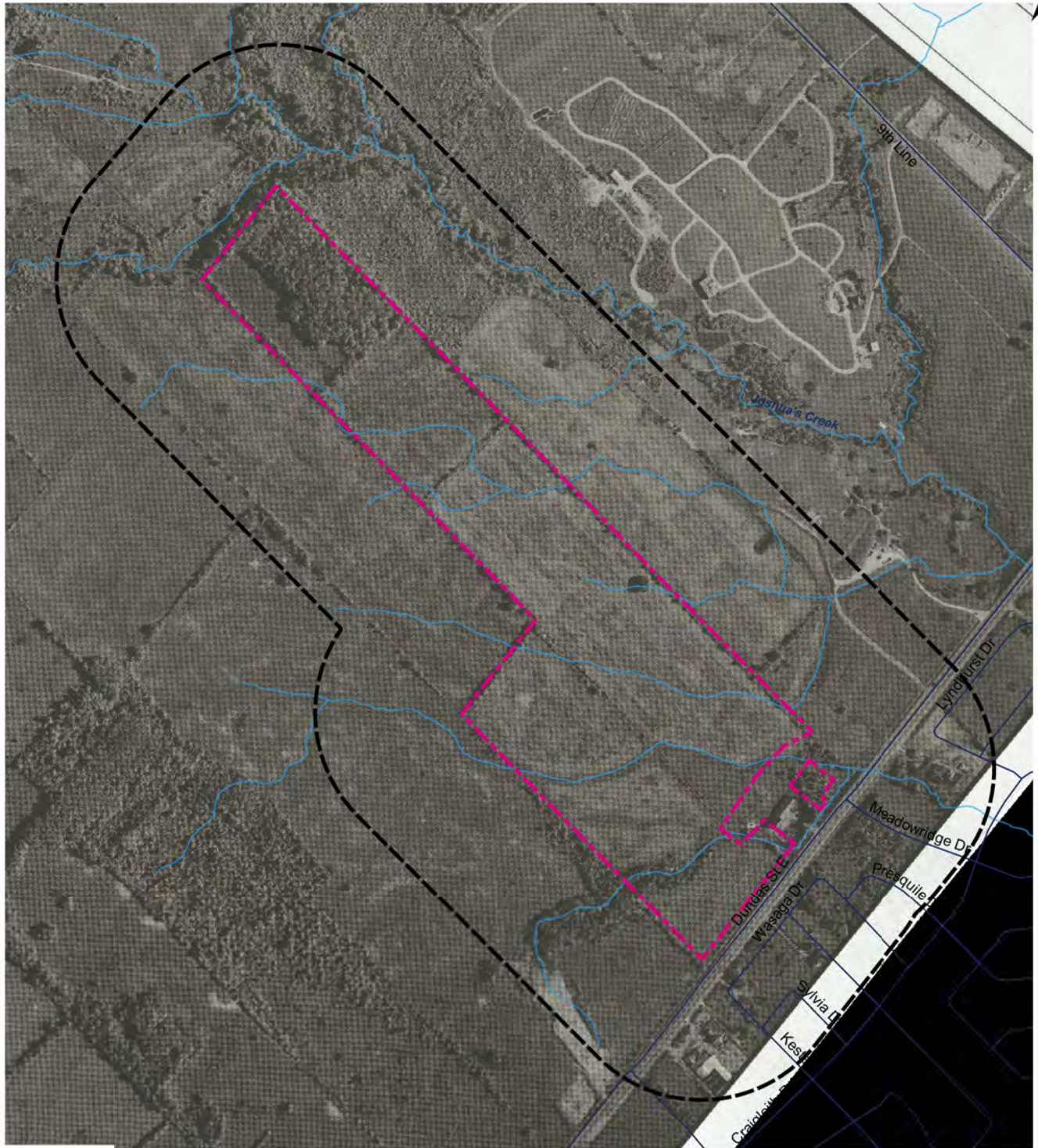
Project: PHASE ONE- ENVIRONMENTAL SITE ASSESSMENT
 CONCESSION1, LOT8. NDS. OAKVILLE, ON

Title: 1987 AERIAL PHOTOGRAPHY

Client: AGRO (JOSHUA CREEK) LIMITED



Approved By: S.A **Drawn By:** S.Y **Date:** July 2018

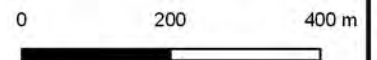
Scale: As Shown **Project No.:** 18-518-20 **Figure No.:** **D-1**



Source: 1994 Aerial Photography from The Regional Municipality of Halton

Legend

-  Site Boundary
-  250m Buffer



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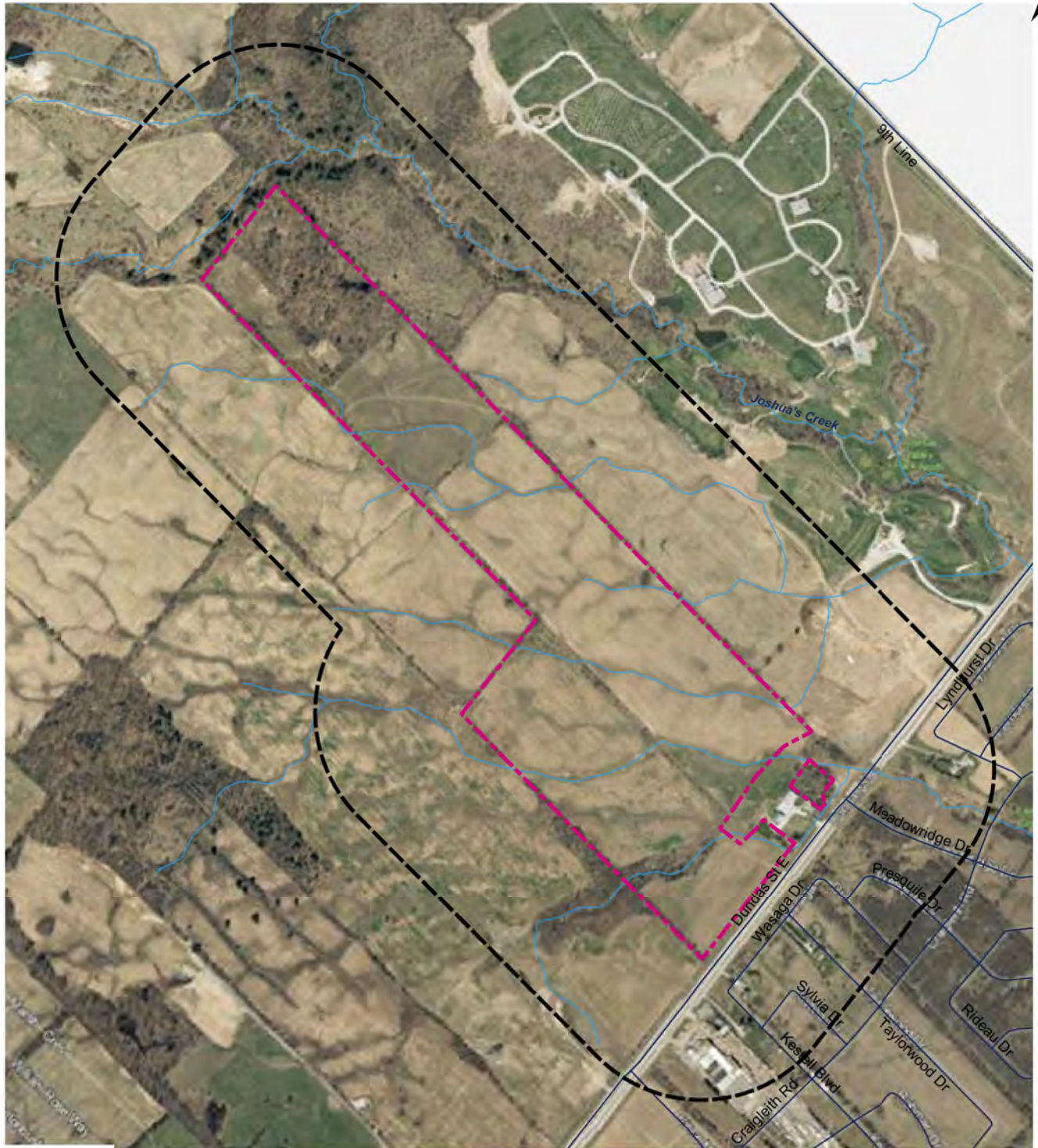
Project: PHASE ONE- ENVIRONMENTAL SITE ASSESSMENT
 CONCESSION1, LOT8. NDS. OAKVILLE, ON

Title: **1994 AERIAL PHOTOGRAPHY**

Client:
AGRO (JOSHUA CREEK) LIMITED



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

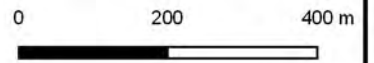
Scale: As Shown Project No.: 18-518-20 Figure No.: **D-2**



Source: 1999 Aerial Photography from Town of Oakville-Air Photo History

Legend

-  Site Boundary
-  250m Buffer



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 www.dsconsultants.ca

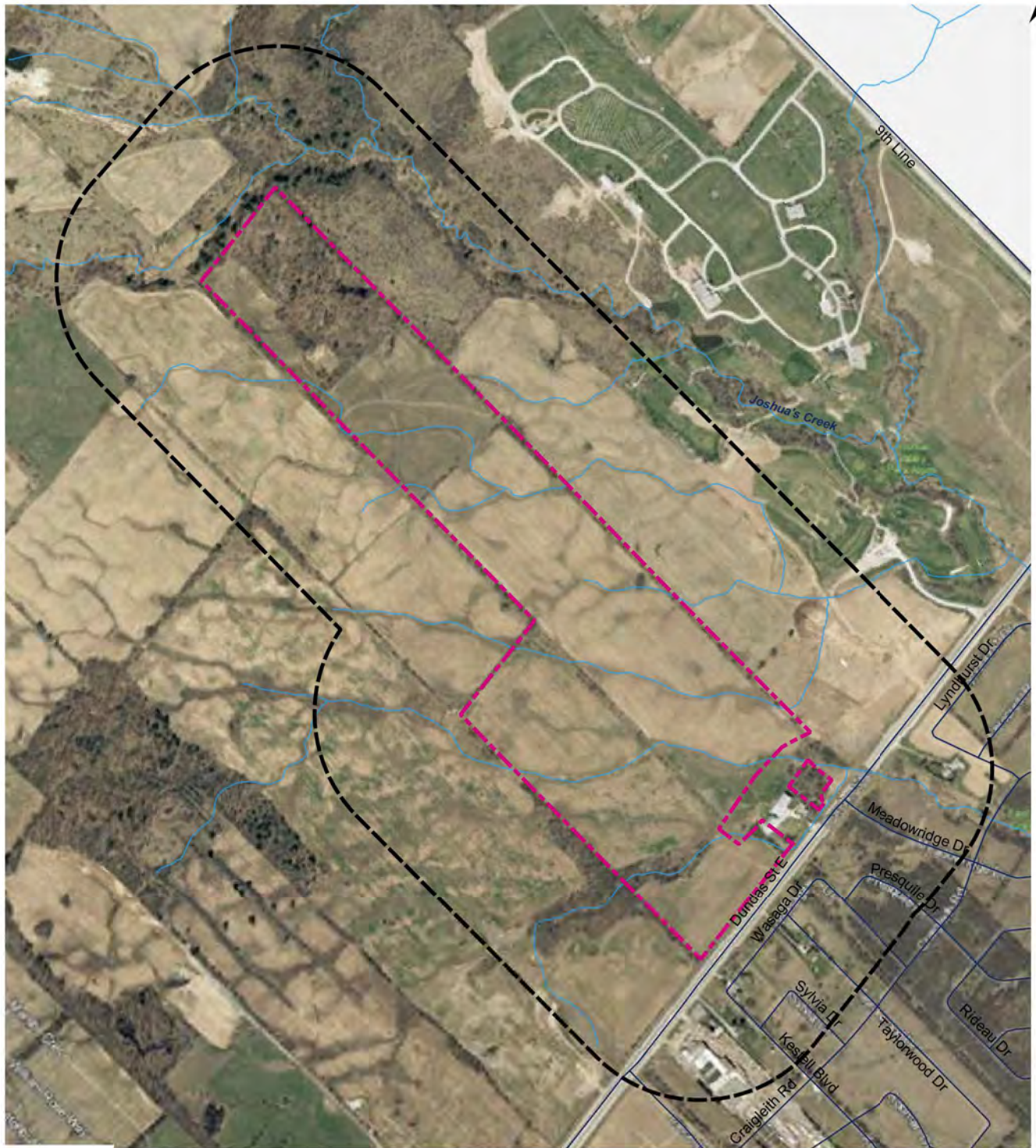
Project: PHASE ONE- ENVIRONMENTAL SITE ASSESSMENT
 CONCESSION1, LOT8. NDS. OAKVILLE, ON

Title: 1999 AERIAL PHOTOGRAPHY

Client: AGRO (JOSHUA CREEK) LIMITED



Approved By: S.A **Drawn By:** S.Y **Date:** July 2018

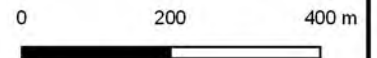
Scale: As Shown **Project No.:** 18-518-20 **Figure No.:** **D-3**



Source: 2008 Aerial Photography from Town of Oakville-Air Photo History

Legend

-  Site Boundary
-  250m Buffer



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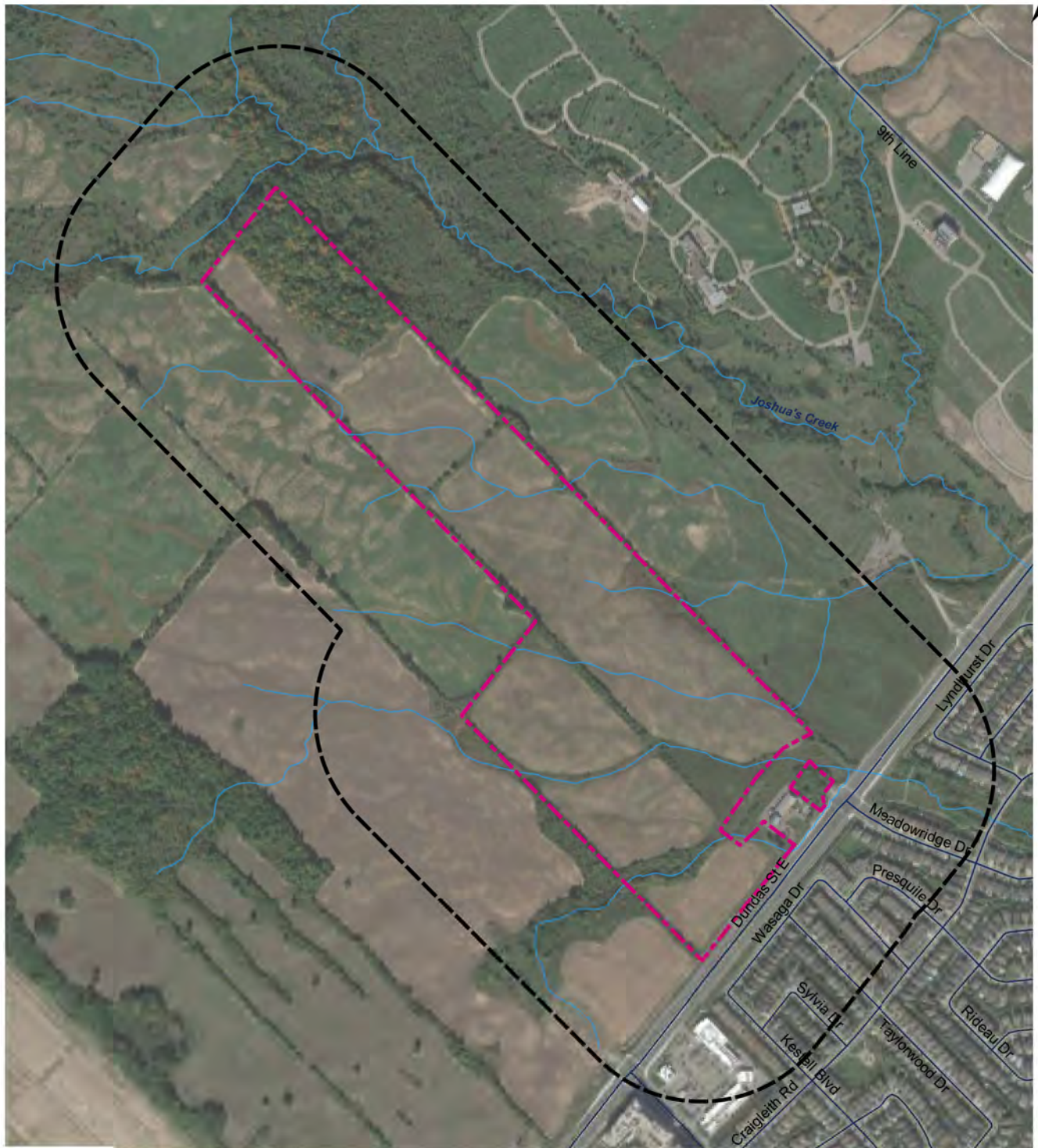
Project: PHASE ONE- ENVIRONMENTAL SITE ASSESSMENT
 CONCESSION1, LOT8. NDS. OAKVILLE, ON

Title: **2008 AERIAL PHOTOGRAPHY**

Client:
AGRO (JOSHUA CREEK) LIMITED



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

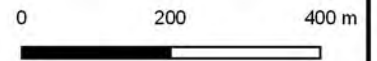
Scale: As Shown Project No.: 18-518-20 Figure No.: **D-4**



Source: 2018 Aerial Photography from Google Earth@2018 Imagery

Legend

-  Site Boundary
-  250m Buffer



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

Project: PHASE ONE- ENVIRONMENTAL SITE ASSESSMENT
 CONCESSION1, LOT8. NDS. OAKVILLE, ON

Title: **2018 AERIAL PHOTOGRAPHY**

Client:
AGRO (JOSHUA CREEK) LIMITED

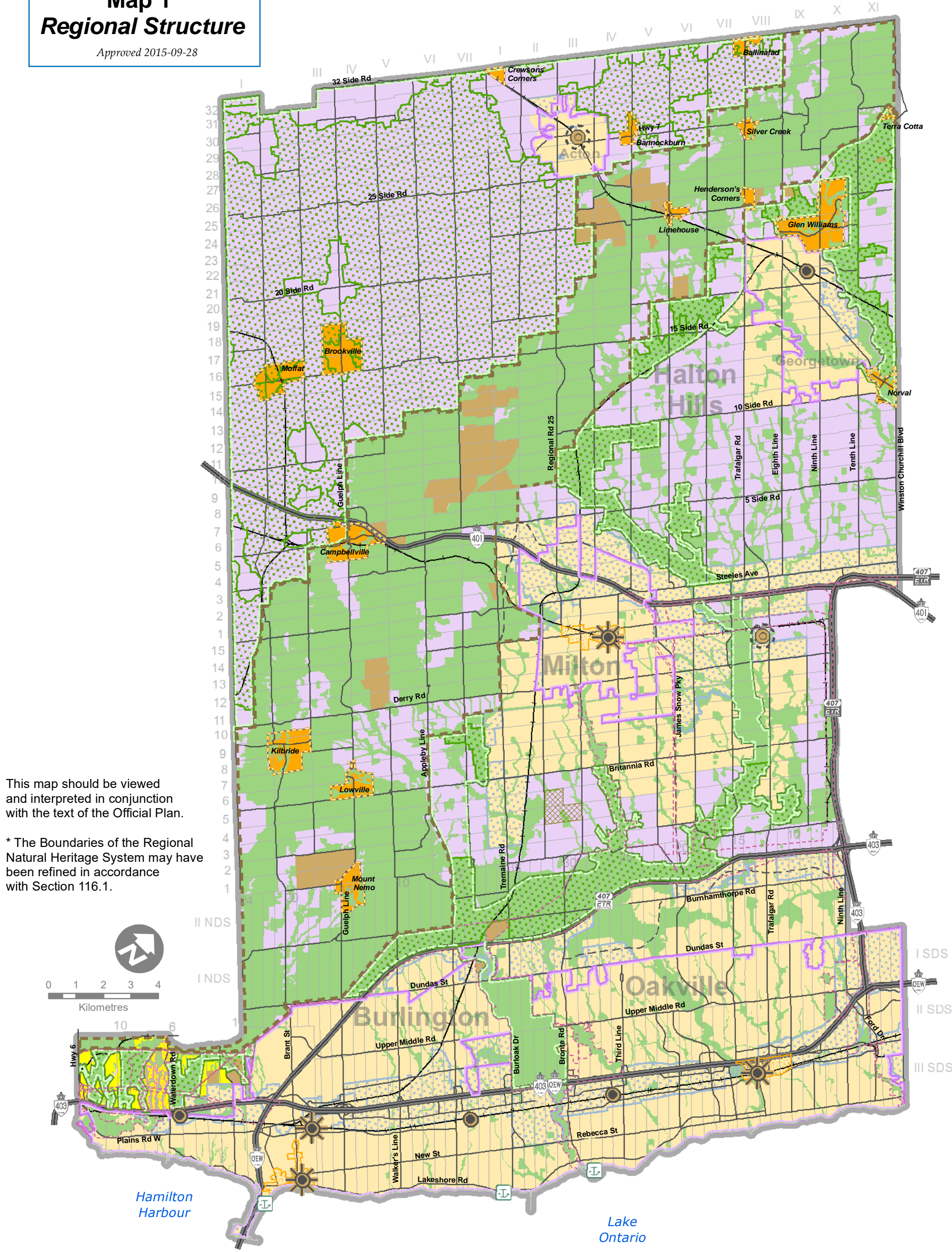
Approved By: S.A Drawn By: S.Y Date: July 2018

Scale: As Shown Project No.: 18-518-20 Figure No.: **D-5**



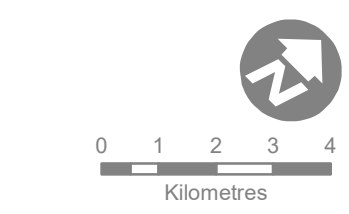
Map 1 Regional Structure

Approved 2015-09-28



This map should be viewed and interpreted in conjunction with the text of the Official Plan.

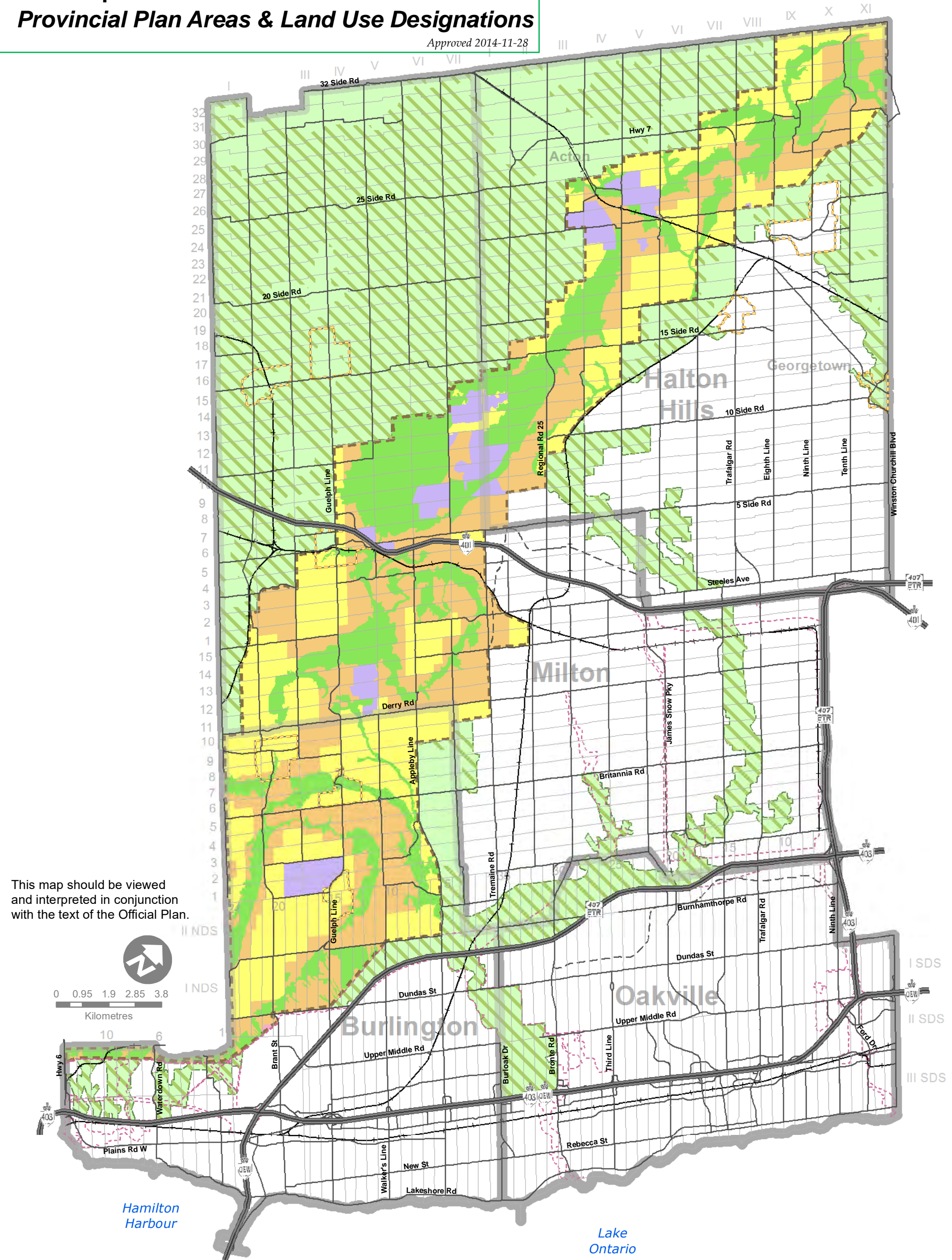
* The Boundaries of the Regional Natural Heritage System may have been refined in accordance with Section 116.1.



- Waterfront Park (See Map 2)
- Major Transit Station
- Proposed Major Transit Station
- Mobility Hub
- Rail Line
- Proposed Major Arterial
- Major Road
- Provincial Freeway
- Lot and Concession Line
- Municipal Boundary
- Urban Area *Approved 2013-10-21*
- Hamlet
- Agricultural Area
- Regional Natural Heritage System *
- Mineral Resource Extraction Area
- North Aldershot Policy Area
- Greenbelt Natural Heritage System (Overlay)
- Greenbelt Plan Protected Countryside Boundary
- Niagara Escarpment Plan Boundary
- Parkway Belt West Plan Boundary
- Built Boundary
- Employment Area *Approved 2013-10-21*
- Urban Growth Centre
- Area Eligible for Urban Servicing
- Halton Waste Management Site

Map 1A Provincial Plan Areas & Land Use Designations

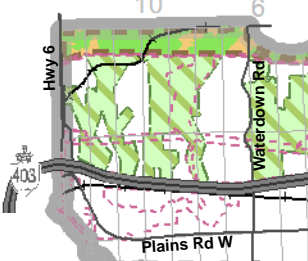
Approved 2014-11-28



This map should be viewed and interpreted in conjunction with the text of the Official Plan.



0 0.95 1.9 2.85 3.8
Kilometres

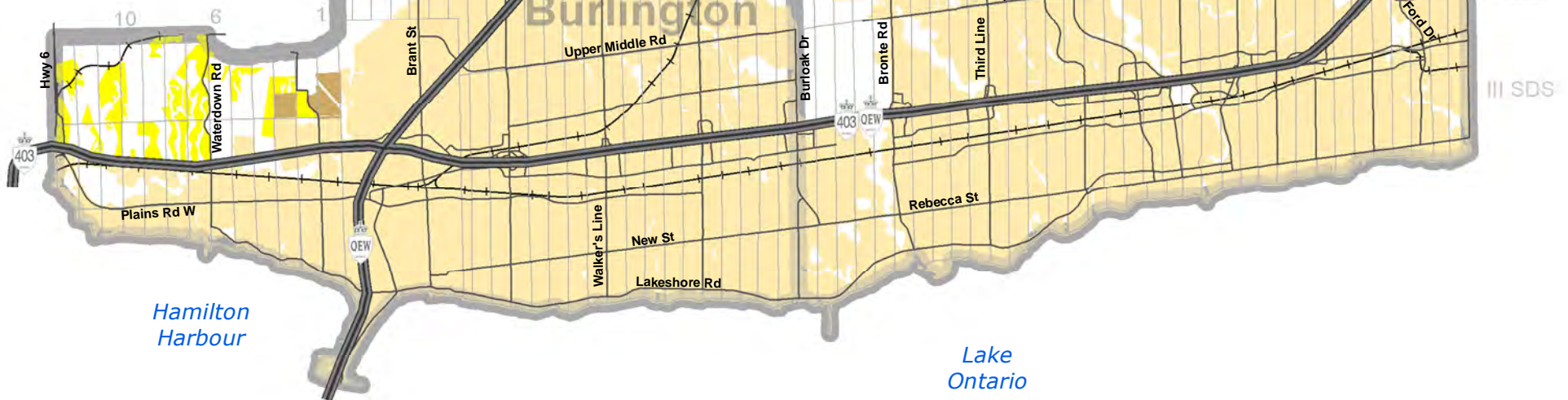
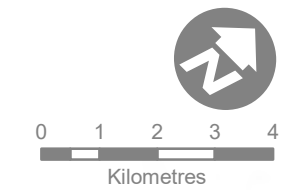


- +— Rail Line
- - - Proposed Major Arterial
- Major Road
- Provincial Freeway
- Lot and Concession Line
- Municipal Boundary
- Parkway Belt West Plan Area
- Greenbelt Plan Protected Countryside Area
- Natural Heritage System (Greenbelt Plan)
- Niagara Escarpment Plan Area
- Hamlet Boundary
- Escarpment Natural Area
- Escarpment Protection Area
- Escarpment Rural Area
- Escarpment Mineral Resource Extraction Area

Map 1D Municipal Wellhead Protection Zones

Approved 2014-11-28

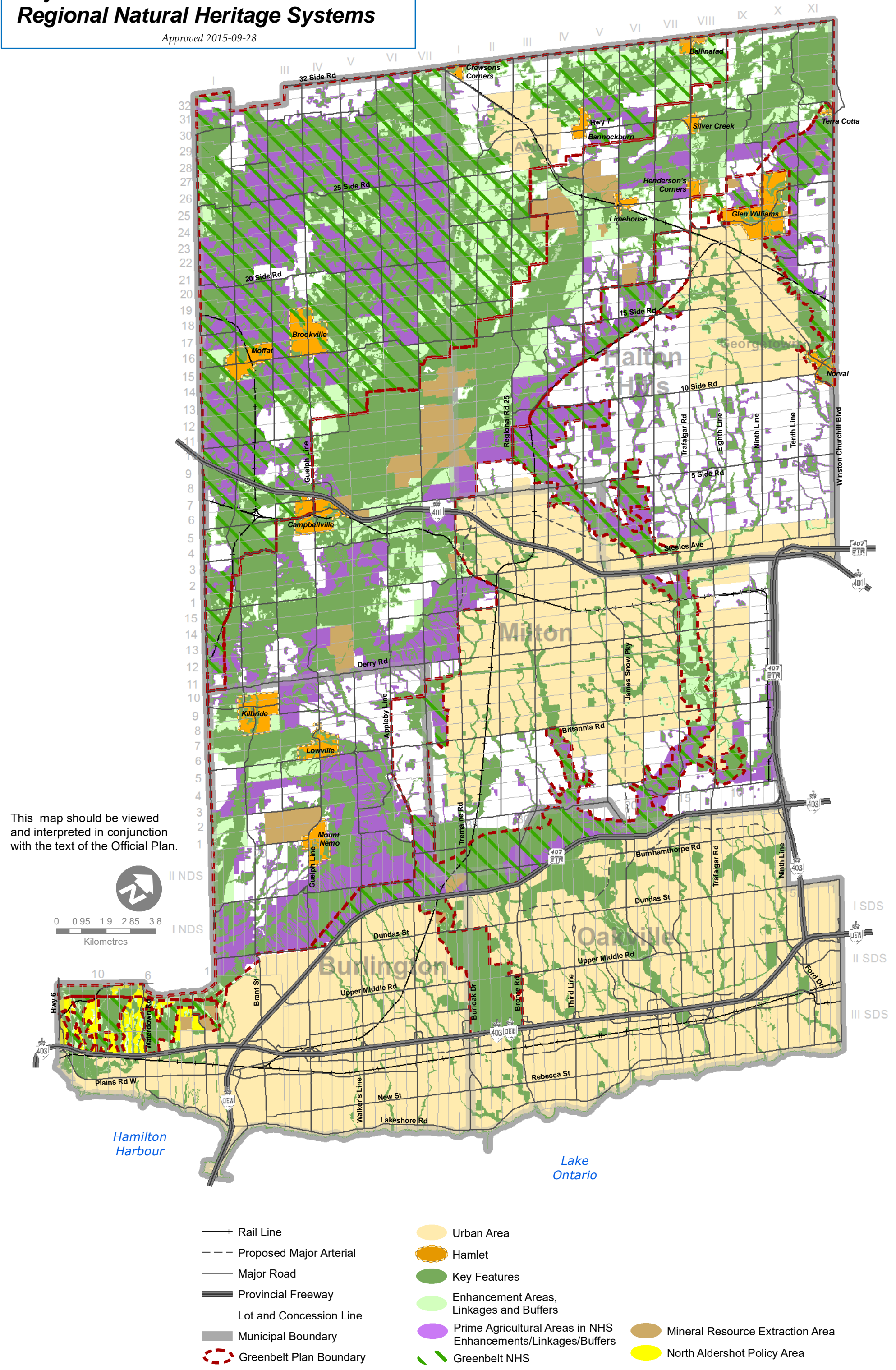
This map should be viewed and interpreted in conjunction with the text of the Official Plan.



- 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)

Map 1G Key Features within the Greenbelt and Regional Natural Heritage Systems

Approved 2015-09-28



Appendix F
Site Photographs



Photograph 1

Location: Phase One Property (February)
Viewing: Southwest
Description: View of the Property and the residential building.



Photograph 2

Location: Phase One Property (February)
Viewing: Southwest
Description: View of the Property, looking towards Dundas Street East.



Photograph 3

Location: Phase One Property (February)
Viewing: Southwest
Description: View of the uneven surface.

Photograph 4



Location: Phase One Property (May)
Viewing: Northwest
Description: View of the open filed and trees on the Property.

Photograph 5



Location: Phase One Property (May)
Viewing: East
Description: View of the southwestern portion of the Property and 1297 Dundas Street East

Photograph 6



Location: Phase One Property (May)
Viewing: Northwest
Description: View of the agricultural field on the Property



Photograph 7

Location: Phase One Property (May)

Viewing: Southeast

Description: View of the creek located to the southwest of the Property and 1297 Dundas Street East



Photograph 8

Location: Phase One Property (May)

Viewing: East

Description: View of the uneven surface and slope.



Photograph 9

Location: Phase One Property (May)

Viewing: Southwest

Description: View of the southern properties from the Phase One Property, looking towards Dundas Street East.

Appendix G
Table Current and Past Use

"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 1810	Crown Land	Undeveloped	Agricultural/ other	No Records
1810 to 1961	Various private individuals	Undeveloped	Agricultural/ other	The property information revealed that it has been undeveloped and used for farming purposes. The earliest date of farming on the Property could not be determined as part of this assessment.
1961 to Present	Diam Contractors Limited	Undeveloped	Agricultural/ other	The Property has remained undeveloped since 1961 that was owned by Diam Contractors Limited.

Notes:

- 1 - for each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies: Agriculture or other use
- Commercial use,
 - Community Use
 - Industrial use
 - Institutional use
 - Parkland use
 - Residential use

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

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

Appendix H
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)