



PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT
5426, 5452 AND 5584
LAKESHORE ROAD,
BALLANTRAE, ONTARIO

ALCORN & ASSOCIATES LIMITED

PROJECT NO.: 161-06960-00

DATE: AUGUST 17, 2018

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August 17, 2018

Alcorn & Associates Limited
12 Greenvalley Circle, RR3
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Attention: Randy Alcorn, President

Dear Mr. Alcorn:

**Subject: Phase One Environmental Site Assessment
5426, 5452 and 5584 Lakeshore Road, Ballantrae, Ontario**

WSP Canada Inc. is pleased to provide the following Phase One Environmental Site Assessment (ESA) Report for the properties located at 5426, 5452, and 5584 Lakeshore Road, Ballantrae, Ontario.

The Phase One ESA was carried out to the standards of Ontario Regulation 153/04 as amended. The Canadian Standards Association (CSA) Standard Z768-01 Phase I Environmental Site Assessment (2001) was also referenced. The Phase One ESA report describes the interpreted environmental conditions at the Site and provides conclusions for your consideration.

We trust that this information is sufficient for your current needs. If you have any questions or require further information, please contact us.

Yours truly,

A handwritten signature in blue ink, appearing to read 'Lloyd A. Lemon'.

Lloyd A. Lemon, M.Sc., P.Geo.
Senior Project Geoscientist

JSW/nah

WSP ref.: 161-06960-00

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1 EXECUTIVE SUMMARY

WSP Canada Inc. (WSP) was retained by Alcorn & Associates Limited to conduct a Phase One Environmental Site Assessment (ESA) for the properties located at 5426, 5452 and 5584 Lakeshore Road in the hamlet of Ballantrae, Town of Whitchurch-Stouffville, Ontario (Phase One Property). The purpose of a Phase One ESA is to identify potential environmental concerns that relate to past and present on-site and off-site activities.

The Phase One ESA included the following:

1. Records review.
2. Site reconnaissance by an experienced Environmental Site Assessor to examine the Phase One Property and surrounding properties (from within the Site and public areas) for evidence of potential sources of contamination.
3. Evaluation of information from records review and reconnaissance of the Phase One Property and preparation of a conceptual site model (CSM).
4. Report of the findings.

The major findings of the Phase One ESA for the Site are:

- The Phase One Property is located approximately 430 metres east of Highway 48 and approximately 200 metres south of Aurora Road in Ballantrae, Ontario. A Site Location Map is provided as Figure 1. The Phase One Property is approximately 26.9 hectares (66.5 acres) in size, rectangular in shape, and contained thirteen (13) structures at the time of site reconnaissance: three (3) occupied single family dwellings, two (2) abandoned single family dwellings, (1) workshop/barn, two (2) storage facilities, one (1) greenhouse/storage building and four (4) sheds.
- Based on the observations made from aerial photographs, interview with the land owner, and the Chain of Title, 5426 and 5452 Lakeshore Road were first developed as residential/agricultural land in 1849, and 5584 Lakeshore Road as residential/agricultural land in 1841.
- The ownership of 5426 and 5452 Lakeshore Road were transferred to 2506339 Ontario Inc. in 2016. 5584 Lakeshore Road is currently owned by a Richard and Patricia Schickedanz, who are affiliated to 2506339 Ontario Inc. There are currently plans for a residential development on 5426, 5452 and 5584 Lakeshore Road.
- Based on the observations made from the aerial photographs, the Phase One Property and the surrounding properties have been used as agricultural, recreational and residential land from 1850 to present.
- The topography at the Phase One Property consists of minor high points and low points that slope towards the centre and south east corner of the property. The Phase One Property elevation ranges from 329 metres above sea level (masl) to 333 masl. The topography is generally higher on the edges and lower in the center of the Phase One Property.
- The Phase One Property is in the Oak Ridges Moraine Physiographic Region in an area characterized by kame moraines.
- The Phase One Property is serviced by public municipal water and private sewage systems.

- The two (2) residences at 5584 Lakeshore Road, and one (1) residence at 5426 Lakeshore Road were occupied at the time of 2016 and 2018 site reconnaissance. The two (2) residences at 5452 Lakeshore Road were vacant during the 2016 site reconnaissance and have since been demolished (Fall 2017). The surface coverage of 5426 and 5452 Lakeshore Road at the time of 2016 site reconnaissance included manicured grass and intermittent trees. During the 2018 site reconnaissance, the surface coverage at 5452 Lakeshore road was predominantly overgrown grass. The surface coverage of 5584 Lakeshore Road was mostly agricultural use, except for the area of the two residences, which included manicured grass and intermittent trees.
- Potentially Contaminating Activities (PCAs) identified on the Phase One ESA Property include: the presence of Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications (PCA #40), and the Storage, maintenance, fueling and repair of equipment, vehicles, and material used to maintain transportation systems (PCA #52) at the workshop/barn on 5584 Lakeshore Road. The potential for work activity at the workshop/barn to impact soil and groundwater is low due to the well maintained equipment and workshop, and because no staining or evidence of leaks/spills on the concrete floors was observed during the 2016 site reconnaissance. From the site reconnaissance and aerial photographs review, a 9.4 hectare area of historic and current agricultural land use at 5584 Lakeshore Road is proposed to be developed for the residential development. There is a medium potential for pesticide impacts in the topsoil of the agricultural land at 5584 Lakeshore Road.
- Potentially Contaminating Activities (PCAs) identified in the Phase One Study Area (250 m from the Phase One Property) include: nine (9) pole-top transformer and four (4) ground transformers (PCA # 55). The potential for these activities to impact the Phase One Property is low. There is a low potential for the transformer to impact soil and groundwater at the Phase One Property.
- A limited Phase Two sampling program is required to further assess APEC-1 identified at 5584 Lakeshore Road. The Phase Two sampling program will delineate the extent of pesticides used on the agricultural land at 5584 Lakeshore Road and assess the potential for current and past agricultural activity to have affected the quality of soil beneath the Phase One Property. The Phase Two program will require soil samples collected from topsoil and native fill, which will be mixed to produce a composite sample, and submitted for OC Pesticide analysis at an accredited laboratory.
- The PCAs have not changed between the 2016 and 2018 site reconnaissance.

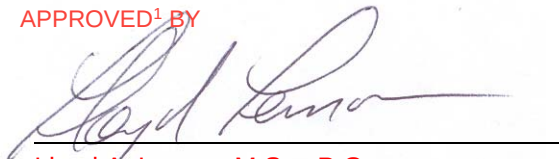
SIGNATURES

PREPARED BY


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August 17, 2018
Date

APPROVED¹ BY


Lloyd A. Lemon, M.Sc., P.Geo.
Senior Geoscientist, Environment

August 17, 2018
Date

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2 INTRODUCTION

WSP Canada Inc. (WSP) was retained by Alcorn & Associates Ltd. to conduct a Phase One Environmental Site Assessment (ESA) for the properties located at 5426, 5452 and 5584 Lakeshore Road, Ontario, hereafter referred to as the 'Phase One Property'.

The purpose of this Phase One ESA is to identify potential environmental concerns that relate to past and present on-Site and off-Site activities. The Phase One ESA was carried out in accordance with Schedule D of Ontario Regulation (O. Reg.) 153/04, as amended.

The Phase One ESA includes documentation of activities carried out following the initial site reconnaissance of the Phase One Property to address identified areas of potential environmental concern (APEC).

The Phase One Property consists of three (3) parcels of land as shown in Table 1-1. The majority of the previous owners of the Phase One Property have been private individuals since it was patented from the Crown in 1841 for 5584 Lakeshore Road and 1849 for 5426 and 5452 Lakeshore Road. The properties at 5426 and 5452 Lakeshore Road are currently owned by 2506339 Ontario Inc., a numbered company of Far Sight Homes.

2.1 PHASE ONE PROPERTY INFORMATION

The Phase One Property is located approximately 430 metres east of Highway 48 and approximately 200 metres south of Aurora Road in Ballantrae, Ontario. A Site Location Map is provided as Figure 1. The Phase One Property is approximately 26.9 hectares (66.5 acres) in size, rectangular in shape, and contained twelve (12) structures at the time of site reconnaissance: three (3) occupied single family dwellings, one (1) workshops/barn, one (1) garage, two (2) portables, two (2) storage facilities, one (1) greenhouse/storage facility and two (2) sheds.

Table 2-1 Property Description

ADDRESS	LEGAL DESCRIPTION	PROPERTY IDENTIFICATION NUMBER	PROPERTY OWNER
5426 Lakeshore Road	Part Lots 19 & 20 Con 8 Whitchurch, designated as in B83889B	03688-0053(LT)	2506339 Ontario Inc.
5452 Lakeshore Road	Part Lot 19 Con 8, Whitchurch, designated as in B39390B	03688-0061 (LT)	
5584 Lakeshore Road	Part Lots 19 & 20 Con 8, Whitchurch, designated as Part 1, 65R6092	03688-0054(LT)	Richard Daniel SCHICKEDANZ & Patricia Anne SCHICKEDANZ - JT

2.2 CURRENT AND PROPOSED FUTURE USES

The land uses for the properties at 5426 and 5452 Lakeshore Road are residential and vacant, respectively. 5584 Lakeshore Road consists of agricultural and residential land, with 9.4 hectare area of agricultural land included in the proposed development plans.

WSP understands that the Phase One Property is to be developed as a residential subdivision.

3 SCOPE OF INVESTIGATION

The Phase One ESA was conducted in accordance with Schedule D of O. Reg. 153/04, as amended. The Phase One ESA consisted of a review of available historical information and site reconnaissance. The following sections describe the procedures that were conducted in the preparation of the Phase One ESA.

3.1 RECORDS REVIEW

The records review includes:

- A review of readily available historical records, including but not limited to, aerial photographs, title searches, and topographic and geographic maps was conducted for the Phase One Study Area (i.e. the area within 250 m of the property boundaries of the Phase One Property);
 - A request was submitted to EcoLog ERIS to conduct a review of applicable environmental databases for the Phase One Study Area (EcoLog ERIS Custom Report including but not limited to: active and former waste disposal sites, coal gasification plants, PCB storage sites and registered waste generators);
 - The Technical Standards and Safety Authority (TSSA) was contacted to assist in better understanding if any fuel storage tanks may exist or have existed on the Phase One Property;
 - A request was made to the Ontario Ministry of the Environment and Climate Change, now Ontario Ministry of the Environment, Conservation and Parks (MECP) Freedom of Information (FOI) office for a search of their records regarding reportable spills, orders and convictions associated with the Phase One Property; and
 - Additional database information applicable to current or past uses of the Phase One Property was reviewed where deemed appropriate.
-

3.2 INTERVIEW

The current resident of 5584 Lakeshore Road, Ballantrae, Mr. Richard Schickedanz, was interviewed in September 2016 to gather information of the current site operations and historical site activities. Mr. Schickedanz and his wife Patricia are listed as the current owners of 5584 Lakeshore Road.

A subsequent interview was conducted in August 2018 with Mr. Bob Schickedanz to confirm if any changes occurred at the Site after the 2016 site reconnaissance was conducted. Mr. Bob Schickedanz is the brother of Mr. Richard Schickedanz and is employed at Far Sight Homes.

3.3 SITE RECONNAISSANCE

The 2016 Phase One ESA site reconnaissance was conducted by WSP personnel on September 27, 2016 from 9:00 am to 12:00 pm to assess potential environmental concerns at the Phase One Property and adjacent properties as observed from the Phase One Property and publicly accessible areas. Assessor qualifications are included in Section 8 of this report. The entire Phase One Property was accessed at the time of the site reconnaissance. The observation of surficial conditions on the agricultural land was limited by dense corn crop coverage. The interior of the residences at 5426 Lakeshore Road and the leased residence on 5584 Lakeshore Road were not viewed due to occupancy. Building conditions at 5452 Lakeshore Road were considered unsafe. The WSP representative did not access the occupied residences, but Mr. Schickedanz provided thorough detail during the interview and at later dates. No sampling or testing of materials was conducted. Photographs to document the 2016 site reconnaissance are provided in Appendix A.

A second site reconnaissance (2018 site reconnaissance) was conducted by WSP personnel on August 15, 2018 from 7:30 am to 9:00 am to identify potential changes in conditions relative to the 2016 site reconnaissance. Assessor qualifications are included in Section 8 of this report. The entire Phase One Property was accessed at the time of the 2018 site reconnaissance. The observation of conditions on the agricultural land was limited by dense corn crop coverage. The interior of the residences at 5426 Lakeshore Road and the leased residence on 5584 Lakeshore Road were not viewed due to occupancy. The buildings that were previously present at 5452 Lakeshore Road have been demolished subsequent to the initial site reconnaissance. The WSP representative did not access the occupied residences, but Mr. Schickedanz confirmed during the interview that no changes had occurred since the 2016 site reconnaissance. No sampling or testing of materials was conducted. Photographs to document the 2016 and 2018 site reconnaissance are provided in Appendix A.

3.4 EVALUATION

The information gathered from the records review and site reconnaissance was evaluated to identify potential contaminating activities (PCAs) and areas of potential environmental concern (APECs).

A Conceptual Site Model was prepared, including a figure showing the property boundaries, the location of significant structures and features and the locations of on-site and off-site PCAs and APECs examined during the Phase One ESA.

3.5 REPORTING

A report was prepared and is presented herein for the Phase One Property summarizing the findings of the Phase One ESA. The level of risk associated with issues identified is classified in a qualitative manner (i.e. high, moderate, low or minimal risk).

4 RECORDS REVIEW

Information obtained and reviewed as part of the records review for the Site and adjacent properties is listed in Table 4-1.

Table 4-1 Records Reviewed

RECORDS SEARCHED	DATE OF RECORDS FOUND (S)	SOURCE
Aerial Photographs	1927, 1960 1970, 1978, 1988, 1999, 2005, 2009, 2014, 2016	National Air Photo Library York Region Maps Website
Quaternary Geology of Southern Ontario	2010	Ontario Geological Survey, 2010. Surficial geology of southern Ontario, Ontario Geological Survey Miscellaneous Release – Data 128- Revised
Physiography of Southern Ontario	1984	Chapman, L.J., and Putnam, D.F. 1984: <u>Physiography of Southern Ontario, Third Edition</u> ; Ontario Geological Survey, Map P.2715 (coloured). Scale 1:600 000.
Bedrock Geology of Ontario	2011	Ontario Geological Survey, 2011. 1:250,000 Scale Bedrock Geology of Ontario, Ontario Geological Survey Miscellaneous Release – Data 126- Revision 1.
Registered Fuel Storage Tanks	Refer to Section 4.2.1	Technical Standards and Safety Authority (TSSA)
Title Search	Crown - present	Domson's Title Search

RECORDS SEARCHED	DATE OF RECORDS FOUND (S)	SOURCE
Fire Insurance Plans	No Record	EcoLog ERIS
ERIS Complete report	Refer to Section 4.2.2	EcoLog ERIS

4.1 GENERAL

4.1.1 PHASE ONE STUDY AREA DETERMINATION

The Phase One Property consists of three (3) properties municipally designated as 5426, 5452 and 5584 Lakeshore Road, Ontario. The respective legal descriptions of the properties are: Part Lots 19 & 20 Con 8 as in B83889B, Part Lot 19 Con 8 as in B39390B, Part Lots 19 & 20 Con 8 as in Part 1 65R6092, Town of Whitchurch-Stouffville, Regional Municipality of York. The Phase One property is located on the east side of Highway 48, approximately 430 metres east of the intersection of Highway 48 and Lakeshore Road. The Phase One Property is accessed from two (2) gravel driveways and an open field between 5452 and 5584 Lakeshore Road.

The Phase One Study Area includes properties within a 0.25 kilometre radius from the Phase One Property boundary. Potential activities of environmental concern in the surrounding areas beyond this Phase One Study Area were also evaluated to assess the potential to impact the Phase One Property.

An EcoLog ERIS Custom Report search was conducted for a 0.25 kilometre radius from the boundary of the Phase One Property. A copy of the EcoLog ERIS report is included in Appendix B. Other databases and records (not included in the EcoLog ERIS report) for the Phase One Property, adjacent properties and/or the Phase One Study Area, were reviewed in accordance to O.Reg. 153 requirements and are provided in Appendix B.

4.1.2 FIRST DEVELOPED USE DETERMINATION

According to the aerial photograph review (Section 3.3.1) and title search (Section 3.1.4), the Phase One Property and surrounding area appeared to be first developed in 1840s. The land appears to have been used originally for agricultural and residential activities. Private residences are visible in the 1927 aerial photographs, but according to the client, one (1) dwelling on 5584 Lakeshore Road has been around since the middle to late 1800s, best guess is early 1850s, and the other dwelling was constructed in 2000. There have been several private owners for the Phase One property since it was patented by the Crown in 1841 and 1849. 2506339 became owners of 5426 Lakeshore Road in June 2016, of 5452 Lakeshore Road in August 2016 and 5584 Lakeshore Road has been owned by private individuals associated with Far Sight Homes, Richard and Patricia Schickedanz, since June 1997.

4.1.3 FIRE INSURANCE PLANS

Fire Insurance Plans (FIPs) map the streets and buildings of urban Canada in great detail. FIPs are an invaluable resource due to their ability to trace the historical development of many communities across Canada, as well as to provide detailed information regarding storage tanks, transformers, boilers and electrical rooms. The original plans were produced between 1875 and 1923. They continued to be created and updated until production ceased in 1974.

A request was made to EcoLog ERIS, who subcontracted Opta Information Intelligence, to search their database to determine if FIPs exist for the Site. The response received indicated that no FIPs or inspection reports exist for the Phase One Property.

4.1.4 CHAIN OF TITLE

A complete Chain of Title was conducted by Domson's Title Search for 5426, 5452 and 5584 Lakeshore Road, a summary is provided Tables 4-2A, 4-2B and 4-2C.

Table 4-2A Chain of Title for 5426 Lakeshore Road, Ballantrae

YEAR	NAME OF OWNER	PROPERTY USES
1849	Ronald McDonald (from Crown)	Likely Agricultural/Vacant
1850	John M. Marsh	Likely Agricultural/Vacant
1851	Hon. J. H. Price	Likely Agricultural/Vacant
1855	William S. Read	Likely Agricultural/Vacant
1880	Mary Jane Miller	Likely Agricultural/Vacant
1904	William J. Gray	Likely Agricultural/Vacant
1912	Emma J. Davis	Likely Agricultural/Vacant
1922	Herbert Kirby – Estate	Likely Agricultural/Vacant
1933	David H. Andrews	Likely Agricultural/Vacant
1936	Leonard J. Rush, Ernest H. Rush, Frederick Rush	Likely Agricultural/Vacant
1936	Leonard J. Rush, Ernest H. Rush	Likely Agricultural/Vacant
1948	Leonard J. Rush	Likely Agricultural/Vacant
1954	Robert J. Windsor	Residential
1964	Robert J. Windsor & Stella M. Windsor	Residential
1969	Robert J. Windsor	Residential
1970	Leonard Douglas Coldin & Barbara Theresa Coldin	Residential
2016	2506339 Ontario Inc.	Residential

Table 4-2B Chain of Title for 5452 Lakeshore Road, Ballantrae

YEAR	NAME OF OWNER	PROPERTY USES
1849	Ronald McDonald (from Crown)	Likely Agricultural
1850	John M. Marsh	Likely Agricultural
1851	Hon. J. H. Price	Likely Agricultural
1855	William S. Read	Likely Agricultural
1884	Amy Gibson	Likely Agricultural
1909	Melford Rose	Likely Agricultural
1935	Roland Price & Florence Price	Likely Agricultural/Residential
1940	Richard Patrick & Lily Patrick	Likely Agricultural/Residential

YEAR	NAME OF OWNER	PROPERTY USES
1944	Violet Sheppard & William James Sheppard	Likely Agricultural/Residential
1966	Merlin Mallett & Vera Mallett	Residential
1967	Martin Pintaric & Mary Pintaric	Residential
2014	804481 Ontario Limited	Residential
2016	2506339 Ontario Inc.	Residential

Table 4-2C Chain of Title for 5584 Lakeshore Road, Ballantrae

YEAR	NAME OF OWNER	PROPERTY USES
1841	Canada Company (from Crown)	Likely Agricultural/Commercial
1857	John Pettit & William Pettit	Likely Agricultural/Commercial
1857	James Tilt	Likely Agricultural/Commercial
1857	William Pettit	Likely Agricultural/Commercial
1892	Edward J. McQuillen	Likely Agricultural/Commercial
1934	Robert Windsor	Likely Agricultural/Commercial
1934	Milford Rose	Likely Agricultural/Commercial
1951	Milford Rose & Frances Rose	Likely Agricultural/Commercial
1951	William James Topper & Myrtle E. Topper	Likely Agricultural/Commercial
1982	The Corporation of the Town of Whitchurch-Stouffville	Likely Agricultural/Commercial
1983	Denise Marilyn Beach	Likely Agricultural/Commercial
1986	Stephen Lawton & Denise Marilyn Topper-Lawton	Likely Agricultural/Commercial
1997	Richard Daniel Schickedanz & Patricia Anne Schickedanz	Residential/Agricultural
1997	Richard Daniel Schickedanz & Patricia Anne Schickedanz - JT	Residential/Agricultural

The properties at 5426 and 5452 Lakeshore Road are currently owned by 2506339 Ontario Inc., which is numbered company of Far Sight Homes. The 5584 Lakeshore Road property is owned by Richard Daniel Schickedanz & Patricia Anne Schickedanz, private individuals who are associated with Far Sight Homes. Richard and Patricia have owned the property since 1997.

4.1.5 CITY DIRECTORY SEARCH

A directory search was completed by Ecolog ERIS as part of the additional information request for the Phase One Property. Research was done for the Phase One Property and surrounding properties in Polk's York/Durham Region, ON Criss Cross Directory. The information from the City Directory is summarized in Table 4-3.

Table 4-3 Directory Search Summary

YEAR	ADDRESS									
	5375 Lakeshore Road	5410 Lakeshore Road	5418 Lakeshore Road	5451 Lakeshore Road	5373 Aurora Road	5389 Aurora Road	5457 Aurora Road	5592 Aurora Road	5632 Aurora Road	5655 Aurora Road
1962	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed
1967	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed
1972-73	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed
1978-79	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed
1984	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed
1989	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed	Address not listed
1994	Residence (1 Tenant)	Address not listed	Address not listed	Address not listed	Residence (1 Tenant)	Address not listed	Residence (1 Tenant)	Address not listed	Address not listed	Address not listed
1999	Residence (1 Tenant)	Address not listed	Address not listed	Residence (1 Tenant)	Residence (1 Tenant)	Residence (1 Tenant)	Address not listed	Address not listed	Address not listed	Multi-tenant residential

A copy of the directory search is included in Appendix D.

4.2 ENVIRONMENTAL SOURCE INFORMATION

The Environmental Source Information is provided in Table 4-4.

Table 4-4 Environmental Source Information Table

SOURCE	RECORDS REVIEW RESULT
National Pollutant Release Inventory (NPRI)	No NPRI records were located by EcoLog ERIS for the Phase One Property or within a 0.25 kilometre radius of the Phase One Property.
PCB Inventories	The EcoLog ERIS report did not identify any PCB inventory records for the Site or within a 0.25 kilometre radius of the Site.
Ministry of the Environment (MOE) Certificate of Approval (CofA), Permits To Take Water (PTTW) and Certificates of Property Use (CPU)	The EcoLog ERIS report did not identify any Certificate of Approval (CofA) records for the Site or within a 0.25 kilometre radius of the Phase One Property.
Inventory of Coal Gasification Plants	The EcoLog ERIS report did not identify any Coal Gasification Plants for the Phase One Property or within a 0.25 kilometre radius of the Phase One Property.
Ministry of the Environment Environmental Incidents, Orders, Offences, Spills, Discharges of Contaminants or Inspections	A request was made to the MECP - Freedom of Information (FOI) and Protection of Privacy Office for information regarding incidents or activities, which may have occurred on the Phase One Property and represent environmental concern. A response from the FOI Office has not been received at the time this report is being prepared. Response along with WSP's interpretation of the information will be forwarded upon receipt.
Ontario Regulation 347 Waste Generators Summary records	The ERIS report did not identify Waste Generator records for the Phase One Property and for properties in the Study Area. The Waste Generator records are presented in Sections 4.2.2.
Waste Management Records	No waste management records were available for review.
Ministry of the Environment Brownfield Environmental Site Registry	The EcoLog ERIS report did not identify any Records of Site Condition (RSC) for the Phase One Property or within a 0.25 kilometre radius of the Phase One Property.
Technical Standards and Safety Authority	An information request was forwarded to the Public Information Services of the Technical Standards and Safety Authority (TSSA) on September 16, 2016 requesting information pertaining to the presence of above ground and underground storage tanks located on the Phase One Property. TSSA indicated that the Site is not registered in the TSSA database for any fuel storage tanks. A summary of the TSSA records is provided in Section 4.2.1. The ERIS report did not identify any records of TSSA expired facilities within the Phase One Study Area, but did identify a TSSA Pipeline Incident (Natural Gas).
Ministry of Natural Resources (MNR)	According to the Land Information Ontario online database the Phase One Study Area does not contain an Area of Natural and Scientific Interest (ANSI).
Ministry of the Environment (MOE) Waste Disposal Inventory	The EcoLog ERIS report did not identify any waste disposal sites within a 0.25 kilometre radius of the Phase One Property.
EcoLog ERIS Complete Database Report	See Section 4.2.2

4.2.1 TSSA RECORD

A request was made to Public Information Services of the TSSA regarding detailed information for the Phase One Property. The Fuels Safety Division of the TSSA did not register private fuel underground storage tanks (USTs) or aboveground storage tanks (ASTs) prior to January of 1990 or furnace oil tanks prior to May 1, 2002.

Information received from the TSSA indicated that the Phase One Property is not registered in the TSSA database for any fuel storage tanks.

4.2.2 ECOLOG ERIS REPORT

A request was made to EcoLog ERIS to conduct a complete search of all available database records within a 0.25 kilometre radius of the Phase One Property that included, but was not limited to, Waste Disposal Site Inventory, PCB Storage Sites, Closed and Open Landfills and Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario.

Table 4-5 documents the EcoLog ERIS report findings for the Site and within the Phase One Study Area.

Table 4-5 EcoLog ERIS Summary

DATA BASE		# OF RECORDS WITHIN PHASE ONE PROPERTY	# OF RECORDS WITHIN PHASE ONE STUDY AREA (OFF-SITE)	TOTAL
AAGR	Abandoned Aggregate Inventory	0	0	0
AGR	Aggregate Inventory	0	0	0
AMIS	Abandoned Mine Information System	0	0	0
ANDRÉ	Anderson's Waste Disposal Sites	0	0	0
AUER	Automobile Wrecking & Supplies	0	0	0
BORE	Borehole	0	0	0
CA	Certificates of Approval	0	0	0
COT	Commercial Fuel Oil Tanks	0	0	0
CHEM	Chemical Register	0	0	0
COAL	Coal Gasification Plants	0	0	0
CONV	Compliance and Convictions	0	0	0
CPU	Certificates of Property Use	0	0	0
DRL	Drill Hole Database	0	0	0
EASR	Environmental Activity and Sector Registry	0	0	0
EBR	Environmental Registry	0	0	0
ECA	Environmental Compliance Approval	0	1	1

DATA BASE		# OF RECORDS WITHIN PHASE ONE PROPERTY	# OF RECORDS WITHIN PHASE ONE STUDY AREA (OFF-SITE)	TOTAL
EEM	Environmental Effects Monitoring	0	0	0
EHS	ERIS Historical Searches	1	1	2
EIIS	Environmental Issues Information System	0	0	0
EMHE	Emergency Management Historical Event	0	0	0
EXP	List of TSSA Expired Facilities	0	0	0
FCON	Federal Convictions	0	0	0
FCS	Contaminated Sites on Federal Land	0	0	0
FOFT	Fisheries & Oceans Fuel Storage Tanks	0	0	0
FST	Fuel Storage Tank	0	0	0
FSTH	Fuel Storage Tank – Historic	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	0	0	0
HINC	TSSA Historic Incidents	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	0	0	0
INC	TSSA Incidents	0	0	0
MINE	Canadian Mine Locations	0	0	0
MNR	Mineral Occurrences	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	0	0	0
NCPL	Non-Compliance Reports	0	0	0
NDFT	National Defence & Canadian Forces Fuel Storage Tanks	0	0	0
NDSP	National Defence & Canadian Forces Spills	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	0	0	0
NEES	National Environmental Emergencies System (NEES)	0	0	0
NPCB	National PCB Inventory	0	0	0
NPRI	National Pollutant Release Inventory	0	0	0
OGW	Oil and Gas Wells	0	0	0
OOGW	Ontario Oil and Gas Wells	0	0	0
OPCB	Inventory of PCB Storage Sites	0	0	0

DATA BASE		# OF RECORDS WITHIN PHASE ONE PROPERTY	# OF RECORDS WITHIN PHASE ONE STUDY AREA (OFF-SITE)	TOTAL
ORD	Orders	0	0	0
PAP	Canadian Pulp and Paper	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	0	0	0
PES	Pesticide Register	0	0	0
PINC	TSSA Pipeline Incidents	0	2	2
PRT	Private and Retail Fuel Storage Tanks	0	0	0
PTTW	Permit to Take Water	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	0	0	0
RSC	Record of Site Condition	0	0	0
RST	Retail Fuel Storage Tanks	0	0	0
SCT	Scott's Manufacturing Directory	0	0	0
SPL	Ontario Spills	0	1	1
SRDS	Wastewater Discharger Registration Database	0	0	0
TANK	Anderson's Storage Tanks	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	0	0	0
WWIS	Water Well Information System	3	57	60

EHS – Eris Historical Searches

One (1) Eris Historical search was conducted for properties within the Phase One Study Area and was identified in the ERIS EcoLog Report. This search was conducted for the property at 5452 Lakeshore Road in 2014.

SCT – Scott's Manufacturing Directory

There were no Scott's Manufacturing Directory records for the Phase One Study Area.

GEN – Ontario Regulation 347 Waste Generators Summary

No Ontario Regulation 347 Waste Generators Summary records were provided for the Phase One Study Area.

WWIS - Water Well Information System

The Water Well Information System database as maintained by MECP contains 60 well records with known locations were found within the Phase One Study Area. Three (3) of these records are associated with the Phase One Property. Two (2) wells on the Phase One Property are listed as domestic wells and one (1) is unknown.

One (1) of the wells within the Phase One Study Area is listed as a public well, three (3) are listed as not used, three (3) are listed as unknown, seven (7) are listed as abandoned, and 43 are listed as domestic. There are two (2) locations with 2 records on file (map key 27 and 54). The WWIS database is known to have multiple records referenced to the centre of a lot/concession.

Unplottable Records

During the search completed by EcoLog ERIS, twenty five (25) records were identified that matched a component of the search criteria (i.e. street name) but did not have an exact address or location included. The unplottable records are summarized below:

- Four (4) Certificate of Approval (CA) records were identified in the ERIS EcoLog Report that did not include properties within the Phase One Study Area for municipal and private sewage works in 1996, 1996, 1996 and 2002;
- One (1) Environmental Registry for Waste Management of Canada Inc. was identified in the ERIS EcoLog Report for the Town of Whitchurch-Stouffville in 1997. The report was for approval for discharge into the natural environment other than water.
- Seven (7) List of TSSA Expired Facilities for Shell Canada Products at Hwy 48 in Ballantrae. The seven records were for FS Liquid Fuel Tank (Fuels Safety Private Fuel Outlet – Self Serve) with an expired status.
- One (1) Ontario Regulation 347 Waste Generators Summary at the Ballantrae Golf and Country Club, which is approximately 250 metres north of the Phase One Study Area. This report is for three different waste codes include: 112 Acid Waste- Heavy Metals, 145 Paint/Pigment/Coating Residues, 212 Asphaltic Solvents, 213 Petroleum Distillates, 221 Light Fuels, and 252 Waste Oils & Lubricants.
- Four (4) Private and Retail Fuel Storage Tank records, belonging to Angelos Maltezos and Peter Maltezos (expired 1990), Shell Canada at Hwy 48 (not expired), Ringwood Gas Bar Inc. (expired 1995), and A&S Auto Centre (expired 1995).
- One (1) Permit to Take Water at Cedar Beach Park Ltd at Lot 20, Concession 8, outside of the Phase One Study Area.
- Three (3) Ontario Spill records were identified in the ERIS Ecolog Report, outside of the Phase One Study Area. One (1) was a natural gas discharge or emission to the air in 2005, one (1) was liquid asphalt to the road in 1988, and one (1) was for a hydraulic oil spill from an overturned truck or trailer in 2005.
- Three (3) Water Well Information Systems recorded with one (1) unknown location and two (2) on Lot 21, Concession 8.

The unplottable records included in the EcoLog ERIS report are considered to have a low potential to act as a potential environmental risk to the Phase One Property due to their location and the nature of the records.

4.2.2.1 ERIS SUMMARY

Based on the ERIS report, records with potential for environmental concern were not reported for the Phase One Property and Phase One Study Area, but were found outside of the Phase One Study Area.

Considering the location of the properties listed above, the local topography and the reported soil types, these records have a low potential risk to the Phase One Property.

A copy of the ERIS report is included in Appendix B.

4.3 PHYSICAL SETTING SOURCES

4.3.1 AERIAL PHOTOGRAPHS

Aerial photographs provide a snapshot of previous land uses on the Phase One Property and on the neighbouring properties for the years that air photos are available.

Table 4-6 provides a summary of observations from the aerial photographs. The aerial photographs are included in Appendix D.

Table 4-6 Aerial Photographs Summary

YEAR	SUBJECT SITE	NEIGHBOURING PROPERTIES
1927	A residence and corresponding driveway is visible at 5584 Lakeshore Road. There is no visible residence at 5426, but there is evidence of construction activity at the property. Lands are cleared and primarily available for agricultural use on the Phase One property. There is sparse tree coverage throughout the property. There appears to be a depression in the area of the pond observed later in photographs, but it is not clear that the pond is present at this time.	The Phase One property is surrounded by agricultural lands with sparse tree coverage. Just south of Lakeshore Road in the Phase One Study Area, there is a dense wooded area with a semi-circle shape. There is minimal development on adjacent lands, but there are a number of residences and structures around Hwy 48 and Aurora Road.
1960	Residences are now visible at all three (3) properties within the Phase One Property: 5426, 5452 and 5584 Lakeshore Road. There is one (1) structure visible at 5426 Lakeshore Road, three (3) structures visible at 5452 Lakeshore and four (4) visible at 5584 Lakeshore Road. Land is primarily in agricultural use. The pond is clearly visible at 5584 Lakeshore Road.	The surrounding properties are mainly used for agricultural purposes, but there are more residences on adjacent properties and along Hwy 48 and Aurora Road. There is a new development to the southeast of the Phase One Property at Cedarvale Blvd. More residences are visible to the south of the Phase One property on Lakeshore Road.
1970	There is more development on the Phase One Property, with a total of five (5) structures at 5452 Lakeshore Road. There is still one (1) structure at 5426 and four (4) structures at 5584 Lakeshore Road. Land is still primarily in agricultural use.	No significant changes to the neighbouring properties compared to the 1960 aerial photograph.
1978	There are a number of unidentifiable structures and debris on 5452 Lakeshore Road. The backyard looks to be a location for storage of equipment and debris. There looks to be a number of structures stored along the entrance roadway of 5584 Lakeshore Road. Due to visibility issues, it is difficult to interpolate much detail from these structures. They could be for agricultural use.	Nine (9) dwellings have been developed to the north of the Phase One Property along Aurora Road. There is also development to the northwest of the Phase One property, along Hollinrake Street. No other significant changes were observed for the neighbouring properties compared to the 1970 aerial photograph.
1988	There is a visible roadway/pathway that runs from Aurora Road south through 5584 Lakeshore Road and alongside the East property line of 5452 Lakeshore Road. There is further vegetation and trees at 5584 Lakeshore Road, and the property looks to have fewer structures along the roadway.	There is more development to the south and south east of the Phase One Property, at Highcrest Road and Connor Drive. This area looks to be close to fully developed. There is further development observed to the northwest of the Phase One Property at Hwy 48 and Aurora Road.

YEAR	SUBJECT SITE	NEIGHBOURING PROPERTIES
1995	There is denser tree coverage and vegetation at 5584 Lakeshore Road (specifically around the dwelling and structures). There is also denser tree coverage at 5426 Lakeshore Road, with trees extending onto 5542 Lakeshore Road property boundary.	Further development continues at the neighbouring properties. To the north of the Phase One Property, there is completed development on Aurora Road, along with the Community Centre and Ballantrae Public School. There is also further residential development observed to the east, outside of the Phase One Study Area, at Spruce Ave. and Audreys Way.
1999	No significant changes were observed for the neighboring properties compared to the 1995 aerial photograph.	Further residential development to the north, with approximately fifty (50) homes built in the development off of McFarland Street.
2005	No significant changes were observed for the Phase One Property compared to the 2002 aerial photograph.	Residential development in progress to the southwest of the Phase One Property, at Treeview Avenue.
2009	No significant changes were observed for the Phase One Property compared to the 2005 aerial photograph.	Residential development (estates) looks to be completed on Treeview Avenue, with seventeen (17) residences observed.
2014	No significant changes were observed for the Phase One Property compared to the 2009 aerial photograph.	There looks to be construction activity to the west of the Phase One Property, with a new development planned at Somer Rumm Ct.
2016	No significant changes were observed for the Phase One Property compared to the 2014 aerial photograph.	The residential development to the west of the Phase One Property, Somer Rumm Ct., is now fully developed.

Based on the observations made from the aerial photographs, the Phase One Property and the surrounding properties have been used as agricultural and residential land from 1927 to present.

4.3.2 TOPOGRAPHY, HYDROLOGY, GEOLOGY

The topography at the Phase One Property has elevation that ranges from 329 metres above sea level (masl) to 334 masl. The topography is generally higher to the north and along the west and east edges and lower in the center and to the south edge of the Phase One Property. The topography of the Phase One Property is generally sloping toward the center and south of the property.

The Phase One Property is in the Oak Ridges Moraine Physiographic Region and is characterized as a Kame Moraine.

The depth to bedrock is estimated to be between 180 and 190 m below ground surface, based on bedrock topography mapping and overburden thickness mapping (Gao, et. al., 2006). The bedrock is classified as the Blue Mountain Formation, which consists of shale, limestone and calcareous siltstone (Ontario Geological Survey, 2011).

Groundwater levels beneath the Phase One Property were noted to vary between 7 metres and 20 metres below ground surface according to the static water level information presented on the MECP water well records. Work concurrent with the Phase One ESA has identified a local water table that ranges in depths between 2 m and 5 m beneath the Phase One Property

The Phase One Property is located within Wellhead Protection Areas (WHPA-Q2) for water quantity protection as per the South Georgian Bay Lake Simcoe Source Protection Plan. Policies within the Source Protection Plan will require maintenance of recharge.

4.3.3 WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

A pond was observed on 5584 Lakeshore Road as seen on the aerial photos. The pond is not clearly visible on the 1927 aerial photographs, but is observed on all subsequent images. Based on this observation, the pond is considered to be man-made. The pond is not connected to the observed drainage pattern. There were no other permanent water bodies observed on the Phase One Property. Mapping and available topographic records show potential for drainage to flow across the property (from North to South). The areas with ponding are shown on **Figure 4**. It is noted that we are in an area where there is potential for local groundwater flow to the south, but overall slopes and drainage are to the north towards Lake Simcoe.

A search of the Ontario Ministry of Natural Resources Natural Heritage Information Centre database showed that the Phase One Property is not within an Area of Natural and Scientific Interest (ANSI). The Phase One Property falls within the jurisdiction of the Lake Simcoe Region Conservation Authority (LSRCA). Regulation mapping from the LSRCA shows that the Phase One Property does not contain regulated areas.

4.3.4 WELL RECORDS

Well records available from the MECP WWIS dataset indicated there are three (3) wells on-site. The wells on-site were installed between 1964 and 1998 and two (2) are considered domestic while one (1) is abandoned.

The material encountered in the well construction as recorded in the well records on-site are summarized in Table 4-7.

Table 4-7 Well Record Information

WELL ID	DEPTH TO WATER (m)	ORIGINAL DEPTH (m)	MATERIAL
6912956	20	13.7	Sand
		19.8	Clay
		22.9	Clay, Silt

Table 4-8 Monitoring Well Information (Hydrogeological Investigation)

MONITORING WELL	DEPTH TO WATER (m)	ORIGINAL DEPTH (m)	MATERIAL
BH16-1	1.7	0.2	Silty sand FILL, trace clay, trace rootlets, trace organics, moist, very loose to loose
		1.8	Silty sand, trace clay, saturated, loose
		2.3	Sand, some silt, trace clay, trace gravel, saturated, compact to dense
		6.1	Silt, some clay, trace sand, saturated, compact to very dense

4.3.5 SITE OPERATING RECORDS

The Phase One Property has been used for agricultural and residential purposes since it was patented from the Crown in 1841 for 5584 Lakeshore Road, and 1849 for 5426 and 5452 Lakeshore Road. Plans are in place to develop the property into a residential subdivision. There are no specific operation records available for review.

5 INTERVIEW

A representative of Far Sight Homes, Richard Schickedanz, was present at the time of the September 2016 site reconnaissance and provided the following information:

- There are two (2) dwellings on 5584 Lakeshore Road. Richard lives in one that was built in approximately 2000, and the other dwelling was built approximately 150 to 160 years back, in the early 1850s. The other dwelling is currently being leased by a family.
- The residence at 5426 and 5452 Lakeshore Road were built between 1927 and 1960.
- Far Sight Homes purchased 5426 and 5452 Lakeshore Road in June and August 2016, respectively. A portion of 5584 Lakeshore Road will be used for the proposed development, and the entire property of 5426 and 5452 Lakeshore Road will be used for the proposed development.
- A representative of Far Sight Homes, Bob Schickedanz, was present at the time of the August 2018 site reconnaissance. Bob confirmed that there had been the following changes had occurred at the Site since the 2016 site reconnaissance:
- The four (4) structures that were previously present at 5452 Lakeshore Road have since been demolished; and
- A garage is currently under construction at 5584 Lakeshore Road.

6 SITE RECONNAISSANCE

6.1 GENERAL INFORMATION

The 2016 site reconnaissance of the Phase One Property was conducted by experienced WSP site assessment personnel on September 27, 2016 from 9:00 am to 12:00 pm. At the time of the inspection the weather conditions were sunny. The temperature was approximately 15°C. Select photographs of the Phase One Property and surrounding properties are included in Appendix A.

The 2018 site reconnaissance of the Phase One Property was conducted by experienced WSP site assessment personnel on August 15, 2018 from 7:30 am to 9:00 am. At the time of this inspection the weather conditions were sunny. The temperature was approximately 25°C and humid. Additional photographs of the Phase One Property have been added to the photo log in Appendix A to document the changes to the Site.

6.2 SPECIFIC OBSERVATIONS

At the time of the original site reconnaissance, the residence at 5426 Lakeshore Road was occupied, and the two (2) residences at 5584 Lakeshore Road were occupied. 5452 Lakeshore Road was vacant and the two (2) residences were observed to be abandoned with debris and waste material observed throughout the property. During the subsequent site reconnaissance, the properties at 5452 Lakeshore Road were noted to have been demolished. A new garage was under construction at 5584 Lakeshore Road.

The property line to the north was bordered by tree line, a residential development to the west and agricultural land to the east of the Phase One property. The property line to the south was bounded by Lakeshore Road. The property boundaries are described in **Table 6-1**.

Table 6-1 Property Boundary

LOCATION	BOUNDARY DESCRIPTION
East property boundary	Agricultural property
South property boundary	Lakeshore Road
North property boundary	Tree line
West property boundary	Residential development (Somer Rumm Ct.)

Low areas prone to seasonal ponding of water are located in the center and the southeast of the Phase One Property. One (1) pond was observed at the time of site reconnaissance, and is shown in **Figure 4**.

6.2.1 STORAGE TANKS AND CONTAINERS

No evidence of Underground Storage Tanks (USTs) or Above Ground Storage Tanks (ASTs) was noted during the site reconnaissance, aside from the oil storage tanks at 5584 and 5426 Lakeshore Road.

Information received from the TSSA indicated that the Phase One Property is not registered in the TSSA database for any fuel storage tanks.

Fuels, antifreeze, batteries, paints, cleaners, oils, jerry cans, propane tanks and compressed gasses (aerosols) were observed in the workshop at 5584 Lakeshore Road. The materials were in sealed containers, properly labelled and in secure storage areas. In addition, the workshop had concrete floors, and there was no evidence of any spills or container leaks.

Fuel oil tanks were observed during the site reconnaissance at 5584 Lakeshore Road, adjacent to the older residence. Richard also mentioned that there is a fuel oil tank in the basement of 5426 Lakeshore Road, and a potential fuel oil tank at 5375 Lakeshore Road, south of the Phase One property, within the Study Area. Richard mentioned that two (2) oil tanks were removed from the two (2) vacant residences (now demolished) at 5452 Lakeshore Road. There was no reported evidence of leakages associated with these tanks.

6.2.2 POTABLE/NON-POTABLE WATER SOURCE

Based on information provided during the site reconnaissance, the residence at 5426 Lakeshore Road is serviced with municipal water supply and a private sewage system.

The previous residences at 5452 Lakeshore Road were serviced with municipal water supply and private sewage systems when occupied. There is one (1) domestic water supply well on this site, but Richard confirmed that this well was not used at the residences.

The residences at 5584 Lakeshore Road are serviced with municipal water supply and private sewage systems. One (1) drilled well is located to the north of the property, but this Richard confirmed that it is not used at the residences.

Additionally, twelve (12) monitoring wells were observed on the property at the time of site reconnaissance. Six (6) of these monitoring wells were installed by WSP in September 2015, and another six (6) were installed in May 2016 as part of a hydrogeological study for the Phase One Property.

6.2.3 UNDERGROUND UTILITIES AND CORRIDORS

The Phase One Property is serviced with hydro, water, telephone, cable and natural gas through underground and overhead utility lines.

6.2.4 STRUCTURES AND BUILDING FEATURES

The two (2) residences at 5584 Lakeshore Road comprised two (2) storeys and included a basement. Both residences were in good condition during the time of the 2016 site reconnaissance. The one dwelling in the centre of the property (northeast of the pond), in which Richard lives, is only 18 years old, while the other dwelling, along the south east corner of the property (directly east of the pond) is approximately 150 to 160 years old, but is in good condition and has had several renovations and upgrades over the years. There was no inspection conducted inside the two (2) dwellings due to occupancy, but Richard provided sufficient information. There was one (1) large barn that included a work shop and agricultural equipment/supplies storage area, along with two (2) outdoor storage buildings, one (1) shed, and two (2) portables at 5584 Lakeshore Road. Richard confirmed that the two (2) portables, used as offices on construction sites, were temporarily being stored on the property, and were being shipped to a site in Bowmansville the upcoming week. During the 2018 site reconnaissance, it was noted that the two (2) portables were still present and that one (1) garage had been constructed. Bob confirmed that the portables will stay in their current location for at least a year. A small chicken coop was present on the east end of the work shop. All structures were generally in good condition.

At the time of 2016 site reconnaissance, the two (2) residences at 5452 Lakeshore Road had been abandoned and portions of the buildings showed evidence of vandalism. There were two (2) other structures onsite, identified as a shed and guest house, also vacant and vandalized. The two (2) residences and two (2) other structures were all in poor condition and were not accessed due to safety concerns. A stockpile of glass, metal, plastic, and several other materials were found on the north end of 5452 Lakeshore Road. More metal, wood, glass and plastic debris was found throughout the property, specifically surrounding the structures onsite; including materials such as steel drums, steel cylinders, microwaves and sheet metal. The steel drums were found empty and all but one (1) was secured with lids during the site reconnaissance, with no visible evidence of staining or chemical spills associated with these materials. During the 2018 site reconnaissance, it was noted that all four (4) structures had since been demolished. Bob confirmed that the demolitions occurred during the fall of 2017. The piles of debris that were noted during the previous site reconnaissance were no longer present. A stockpile of approximately twenty (20) used tires and a small pile of concrete rubble were observed.

The residence at 5426 Lakeshore Road is comprised of one (1) storey and a basement. According to aerial photographs, this residence has been around since before the 1920s. The building was in good condition at the time of 2016 and 2018 site reconnaissance. One (1) greenhouse/storage facility and one (1) small shed were observed on site during the 2016 and 2018 site reconnaissance. The greenhouse/storage unit was observed to be in good condition, but the small shed at the north end of the property was in poor condition with the roof caving in. A WSP representative did not access the residence due to occupancy, but Richard provided the required details.

6.2.4.1 EXIT AND ENTRY POINTS

The Phase One Property can be accessed through three (3) entrances from Lakeshore Road (5426 and two at 5584 Lakeshore Road). Two (2) gravel entrances are present at 5426 and 5584 Lakeshore Road and another entrance to the Phase One property was found between 5452 and 5584 Lakeshore Road property boundaries. The residences had north and south facing doors as entry and exit points. The shed and storage facilities varied with north and south facing doors along with east and west facing doors as entry and exit points.

6.2.4.2 HEATING SYSTEM/COOLING SYSTEM

The newer residence occupied by Richard Schickedanz at 5584 Lakeshore Road is heated by one (1) natural gas furnace located in the basement, and the work barn has two (2) propane tanks. Fuel for the older residence at 5584 Lakeshore Road is supplied from one (1) fuel oil tank that is found outside, on the south end of the dwelling. The condition of the gas furnace is unknown, but the two (2) propane tanks and one (1) fuel oil tank were in good condition, with no evidence of staining observed. Both the propane tanks and fuel oil tank are stored on top of a concrete slab, with no evidence of staining observed. The two residences both have water heaters located in the basements. No visual inspection was completed of the water heaters, but Richard ensured that they were in good condition with no staining observed on the floor. The two (2) residences both have an air conditioning unit. It is unknown whether the system uses any ozone depleting substances as a refrigerant.

One (1) fuel oil tank is in the basement of residence 5426 Lakeshore Road. WSP staff did not observe the conditions of the fuel oil tank in the basement during the original reconnaissance, but they are aware that there is concrete flooring that is in good condition with no staining evidence. One (1) air conditioning unit is present at this residence. It is unknown whether the system uses any ozone depleting substances as a refrigerant.

The now demolished residences at 5452 Lakeshore Road previously had fuel oil tanks on the property for a heating system, but these fuel oil tanks had been removed from both residences prior to the 2016 site reconnaissance. Due to the conditions of these structures, no observations were made inside of the residences during the 2016 site reconnaissance. Based on information provided by Richard, there were no air conditioning units at these two (2) residences.

6.2.4.3 DRAINS, PITS AND SUMPS

Based on information provided in the site reconnaissance, three (3) sumps are located on the Phase One property. According to the site contact, Richard Schickedanz, there are sumps in the basement of 5426 Lakeshore Road, and at the two (2) residences on 5584 Lakeshore Road.

6.2.4.4 UNIDENTIFIED SUBSTANCES

No unidentified substances were observed in the buildings during the site reconnaissance.

6.2.4.5 FLOOR STAINS AND CORROSION

Staining or corrosion was not observed in the buildings during the site reconnaissance.

6.2.4.6 HAZARDOUS MATERIALS

During the original site reconnaissance, debris including steel drums, steel cylinders, metal sheeting, microwaves, plastic, concrete blocks and more were observed outside in the open, with no visible labels at 5452 Lakeshore Road. Evidence of rusting was observed on most of the steel debris. The steel drums were found empty and all but one (1) was secured with lids during the site reconnaissance, with no visible evidence of staining or chemical spills associated with these materials. During the most recent site reconnaissance, it was noted that the debris had been removed, however, a stockpile of approximately twenty (20) used tires now exists at the property. In addition, a small pile of concrete rubble, likely from the demolition of the four buildings, was observed. Car maintenance materials including engine oils, car cleaners, antifreeze, batteries, paints, oils, jerry cans, propane tanks and compressed gasses (aerosols) were observed in the workshop at 5584 Lakeshore Road. These materials were in sealed containers, in secure storage areas and properly labelled.

6.2.4.7 ODOURS

No significant odours of environmental concern were detected at the Phase One Property.

6.2.4.8 NOISE

No significant noise levels were identified at the Phase One Property.

6.2.5 EXTERIOR FEATURES

6.2.5.1 WATER SUPPLY

The two (2) residences at 5584 Lakeshore Road are municipally serviced with water and have private sewage systems.

The two (2) residences at 5452 Lakeshore Road (now demolished) were formerly serviced with municipal water and private sewage systems.

The residence at 5426 Lakeshore Road is municipally serviced with water and has a private sewage system.

Additionally, twelve (12) monitoring wells were observed on the Phase One property in relation to the Hydrogeological study for 5426, 5452 and 5584 Lakeshore Road, installed in September 2015 and May 2016.

6.2.5.2 SEWAGE WORKS

During both visits for site reconnaissance, no private sewage septic tanks were observed on the properties at 5426, 5452 and 5584 Lakeshore Road. At the time of 2016 site reconnaissance, Mr. Richard Schickedanz indicated that all five (5) residences on the Phase One property had private sewage systems. It was not confirmed if the private septic systems for the two (2) residences at 5452 Lakeshore Road were removed when the buildings were demolished in the Fall of 2017. The septic systems at 5426 and 5584 Lakeshore Road are still in use.

6.2.5.3 SURFACE COVERAGE

Gravel driveways connect Lakeshore Road to the residences at 5426 and 5584 Lakeshore Road. The areas around the residences are covered with manicured grasses, agricultural land and spotted to dense woodland. The property line to the north was bordered by tree line, a residential development to the west and agricultural land to the east of the Phase One property. The property line to the south was bounded by Lakeshore Road

6.2.5.4 WATERCOURSES/RAILWAY LINES AND SPURS/RIGHT OF WAYS

No watercourse/Railway Lines or Spurs/Right of Ways were observed on the Phase One Property.

6.2.5.5 STAINED SOIL, VEGETATION OR PAVEMENT

Staining of soil, vegetation, pavement or concrete was not observed on the Phase One Property at the time of site reconnaissance.

6.2.5.6 STRESSED VEGETATION

Stressed vegetation was not observed at the time of site reconnaissance.

6.2.5.7 FILL AND DEBRIS MATERIAL

During 2016 site reconnaissance, an area of debris was observed in the backyard of 5452 Lakeshore Road, that included plastic, metal, wood, glass and other debris. An area of debris including concrete blocks, metal sheeting, steel drums and cylinders, microwaves and roofing tiles was observed throughout the four (4) structures on the property at 5452 Lakeshore Road. During the 2018 reconnaissance, the stockpiles of debris at 5452 Lakeshore Road had since been removed, however, a stockpile of approximately twenty (20) tires and a small pile of concrete rubble were observed.

6.2.5.8 POTENTIALLY CONTAMINATING ACTIVITY

The potentially contaminating activities (PCA) identified at the Phase One Property include:

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

The PCA of large-scale pesticide applications at 5584 Lakeshore Road, is considered to present medium potential to affect the soil and low potential to impact groundwater beneath the Phase One Property. A 9.4 hectare area of historic and current agricultural land use on 5584 Lakeshore Road is the area potentially impacted by this PCA.

Storage, Maintenance, Fueling and Repair of Equipment, Vehicles and Material Used to Maintain Transportation Systems (MECP PCA#52)

The PCA of repair and storage of vehicles and machinery, identified at 5584 Lakeshore Road within the Phase One Property, is considered to present low potential to affect soil or groundwater beneath the Phase One Property. This PCA is outside of the proposed residential development, but within the Phase One Property.

6.2.5.9 UNIDENTIFIED SUBSTANCES

Unidentified substances were not observed during either site reconnaissance.

6.2.5.10 SOLID WASTE/WASTE DISPOSAL

As the 5452 Lakeshore Road is a vacant property, no waste disposal system exists at this time for those properties. The waste from the properties at 5426 and 5584 Lakeshore Road are assumed to be disposed via waste disposal services provided by the Town of Whitchurch-Stouffville Municipal Waste Services.

6.2.5.11 AIR EMISSIONS

No air emissions were observed at the time of either site reconnaissance.

6.2.6 OTHER SPECIAL ATTENTION ITEMS

The potential for the presence of hazardous building materials (polychlorinated biphenyls (PCBs), asbestos containing materials (ACMs), lead, and Ozone Depleting Substances (ODSs), urea formaldehyde foam insulation (UFFI), mould, etc. were not examined visually as part of the site reconnaissance, but information provided during the 2016 interview confirms that there are no hazardous materials within the structures. Richard Schickedanz confirmed that the old insulation, flooring and carpets were removed from the old residence at 5584 Lakeshore Road, and replaced with new modern materials. There were no Designated Substances and Hazardous Materials Reports available for the Phase One Property.

6.2.6.1 PCB-CONTAINING ELECTRICAL EQUIPMENT

PCB containing materials and equipment are generally related to fluorescent light fixtures, high intensity light capacitors and hydro transformers.

Fluorescent light fixtures were not observed inside the residence or sheds located on the Phase One Property. Due to access limitations, it is possible that fluorescent light fixtures are present within the Phase One Property. Owing to the age of the older residence, if fluorescent light ballasts are present, they could potentially contain PCBs.

Nine (9) pole-top transformers and four (4) ground transformers were observed to the south, southeast, west and north of the Phase One Property, within the Phase One Study Area. At the time of the site reconnaissance, the transformer was in good condition and there was no evidence of leaks. It is unknown if the transformer contains PCBs, however it is unlikely that this would impact the soil or groundwater at the Phase One Property. The potential for subsurface environmental impacts at the Phase One Property are low.

6.2.6.2 ASBESTOS-CONTAINING MATERIALS

Asbestos was used as a component of a variety of building materials manufactured before 1984 including mechanical insulation, floor tiles, ceiling tiles, caulking, plasters and wiring.

WSP staff did not inspect all buildings on the Phase One Property, but based on information passed on during the interview, all materials that have the potential to contain asbestos have been removed from the old residence on 5584 Lakeshore Road in renovations over the past twenty years. These materials include ceiling tile, flooring, carpet and insulation.

During the 2016 site reconnaissance, minimal information was provided for the residences on 5426 and 5452 Lakeshore Road, but based on the age of the buildings, the materials potentially contained asbestos but were not confirmed with laboratory analysis. The residences at 5452 Lakeshore road have since been demolished.

6.2.6.3 LEAD

Lead containing materials (LCMs) are generally related to painted surfaces and lead soldering in plumbing systems.

It is unclear if the painted surfaces in the interior of the older homes are in need of repair, but the exterior of the residence at 5426 Lakeshore Road and the older residence at 5584 Lakeshore Road are in need of repair. Based on the age of the residences, the paint potentially contains lead. The paint was not sampled for laboratory analysis.

6.2.6.4 SILICA

Cement-containing materials are known to contain silica, and are present in the foundation of the buildings. Proper precautions should be taken during demolition to limit exposure to silica dust.

6.2.6.5 OZONE DEPLETING SUBSTANCES (ODSS)

ODSs are typically used as coolants in refrigerant and air-conditioning equipment and as blowing agents in foam-product manufacturing. The release from cooling equipment can be caused by leaks as well as during installation and servicing.

Based on information provided by Richard, two (2) refrigerating units are present in the newer residence at 5584 Lakeshore Road, and one (1) in the older residence at 5584 Lakeshore Road. There is also one (1) refrigerating unit in one (1) of the residences at 5452 Lakeshore Road, and one (1) in the residence at 5426 Lakeshore Road.

Based on information provided by Richard, there is one (1) air conditioning unit at each of the newer and older residence at 5584 Lakeshore Road. There is also one (1) air conditioning unit present at 5426 Lakeshore Road.

6.2.6.6 UREA FORMALDEHYDE FOAM INSULATION (UFFI)

No evidence of UFFI was observed during either site reconnaissance and no samples were obtained for lab analysis.

6.2.6.7 MOULD

No evidence of mould was observed in the residences on the Phase One property.

6.2.6.8 RADON

The decay of uranium to radium and radon gas can be found in areas of bedrock containing black shale and/or granite. The accumulation of radon gas can be harmful when collected in confined spaces such as basements. Based on the review of the available information on the site geology, there may be black shale in the shallow subsurface of the Blue Mountain Formation. Available information confirms that the depth to these materials is more than 150 metres through various fine grained unconsolidated soils. Therefore there are no environmental concerns relating to radon gas emissions from these rocks.

6.2.6.9 MERCURY

No mercury containing materials were observed during the site reconnaissance.

6.3 INVESTIGATION OF PHASE ONE STUDY AREA

The areas surrounding the Phase One Property are residential and agricultural lands. A new residential development has been constructed to the west of the Phase One property, and a number of residences are located to the north and south of the Phase One property. Specific observations for the adjacent and neighbouring properties surrounding the Phase One Property are provided in Table 6-2.

Table 6-2 Neighbouring Property Description

DIRECTION	ADDRESS	DESCRIPTION
North	5319-5563 Aurora Road	Residential Properties
South	5391-5601 Lakeshore Road	Residential Properties
East	5655 Aurora Road	Residential/Agricultural Property
West	5410, 5418 Lakeshore Road 35-39 Somer Rumm Ct.	Residential Residential Subdivision

Potentially Contaminating Activities (PCAs) observed within the Phase One Study Area are noted below:

Transformer Manufacturing, Processing and Use (PCA #55):

Nine (9) pole-top transformer were observed during 2016 and 2018 site reconnaissance in the Phase One Study Area to the north, south and west of the property along Lakeshore Road and Aurora Road. At the time of site reconnaissance, the transformers were in good condition and there was no evidence of leaks. It is unknown if the transformers contain PCBs, however it is unlikely that this would impact the soil or groundwater at the Phase One Property. The potential for subsurface environmental impacts at the Phase One Property are low.

Four (4) ground transformers were observed within the Phase One Study Area to the southeast, west and southwest, along Highcrest Road, Treeview Avenue and Somer Rumm Ct. The transformers were observed to be in good condition at the time of the site reconnaissance and were all situated on concrete slabs. At this time is not known whether the transformers contain PCBs, however it is unlikely that this will impact the soil or groundwater at the Phase One Property. The potential for subsurface environmental impacts at the Phase One Property is low.

6.4 WRITTEN DESCRIPTION OF INVESTIGATION

6.4.1 ORIGINAL SITE RECONNAISSANCE

The 2016 Site reconnaissance was conducted on September 27, 2016 from 9:00 am to 12:00 pm. At the time of the inspection the weather conditions were sunny and the temperature was approximately 15°C. Select photographs of the Phase One Property and surrounding properties are included in Appendix A.

The Phase One Property consisted of three (3) properties municipally designated as 5426, 5452 and 5584 Lakeshore Road, Ballantrae, Ontario. The Site is approximately 26.9 hectares (66.5 acres) in size, roughly rectangular in shape, and contained thirteen (13) structures at the time of site reconnaissance: three (3) occupied single family dwellings, two (2) abandoned single family dwellings, (1) workshops/barn, two (2) storage facilities, one (1) greenhouse/storage facility and four (4) sheds. The Phase One Property contained five (5) municipal water serviced residences, and five (5) private sewage systems, in which only three (3) of them were currently used. The two (2) residences at 5584 Lakeshore Road were occupied, along with the one (1) at 5426 Lakeshore Road, while the residences at 5452 Lakeshore Road were vacant. The surface coverage at the Phase One Property included grass, tree cover and gravel driveways. The Phase One Property is surrounded by mixed residential and agricultural land uses.

PCAs identified on-the Phase One Property during the 2016 investigation include the presence of a vehicle maintenance and repair workshop/barn at 5584 Lakeshore Road. All equipment and materials were observed to be in sealed containers, properly labelled and in secure storage areas, with no evidence of any spills or container leaks. The potential for subsurface environmental impacts from this PCA is low. PCAs identified in the Phase One Study Area include four (4) ground transformers and nine (9) pole-top transformers. At the time of site reconnaissance, all thirteen (13) transformers appeared to be in good condition and there were no evidence of leaks. At this time, it is unknown whether any of the transformers contained PCBs, however it is unlikely that this would affect the soil or groundwater at the Phase One Property.

One (1) of the identified PCA's on the Phase One Property, large-scale pesticide application for agricultural activities at 5584 Lakeshore Road, was considered to present medium potential to affect the soil and low potential to impact groundwater beneath the Phase One Property. The 9.4 hectare area of historic and current agricultural land use on 5584 Lakeshore Road is the area potentially impacted by this PCA. As such, one (1) APEC was identified on the Phase One Property.

6.4.2 2018 SITE RECONNAISSANCE

The 2018 site reconnaissance was conducted on August 15, 2018 from 7:30 am to 9:00 am. At the time of the inspection the weather conditions were sunny and the temperature was approximately 25°C and humid. Additional photographs of the Phase One Property and surrounding properties are included in the photo log in Appendix A.

The Phase One Property consisted of three (3) properties municipally designated as 5426, 5452 and 5584 Lakeshore Road, Ballantrae, Ontario. The Site contained twelve (12) structures at the time of site reconnaissance: three (3) occupied single family dwellings, one (1) workshops/barn, one (1) garage, two (2) portables, two (2) storage facilities, one (1) greenhouse/storage facility and two (2) sheds. The Phase One Property contains three (3) municipal water serviced residences, and five (5) private sewage systems, in which only three (3) of them are currently used. The two (2) residences at 5584 Lakeshore Road were occupied along with the one (1). The residence at 5426 Lakeshore Road were demolished in the Fall of 2017. The surface coverage at the Phase One Property included grass, tree cover and gravel driveways. The Phase One Property is surrounded by mixed residential and agricultural land uses.

No additional PCAs were identified in the 2018 site reconnaissance.

7 REVIEW AND EVALUATION OF INFORMATION

The following are the major findings of the Phase One ESA investigation as gathered through site reconnaissance and a review of the available historical information.

7.1 CURRENT AND PAST USE

Based on the records review, it has been determined that the Phase One Property has been historically used as agricultural and residential land. Currently the residences on the Phase One Property at 5426 and 5584 Lakeshore Road are occupied. Plans are in place to develop the Phase One Property into subdivided residential land. Table 7-1A, 7-1B and 7-1C provide a summary of past and current land use.

Table 7-1A Current and Past Uses of the Phase One Property: 5426 Lakeshore Road

YEAR	NAME OF OWNER	PROPERTY USES	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
1849-1850	Ronald McDonald (from Crown)	Likely Agricultural/Vacant	No other information available.
1850-1851	John M. Marsh	Likely Agricultural/Vacant	No other information available.
1851-1855	Hon. J. H. Price	Likely Agricultural/Vacant	No other information available.
1855-1880	William S. Read	Likely Agricultural/Vacant	No other information available.
1880-1904	Mary Jane Miller	Likely Agricultural/Vacant	No other information available.
1904-1912	William J. Gray	Likely Agricultural/Vacant	No other information available.
1912-1922	Emma J. Davis	Likely Agricultural/Vacant	No other information available.
1922-1933	Herbert Kirby – Estate	Likely Agricultural/Vacant	Sand material and evidence of construction activity is visible in the 1927 aerial photograph.

YEAR	NAME OF OWNER	PROPERTY USES	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
1933-1936	David H. Andrews	Likely Agricultural/Vacant	No other information available.
1936-1936	Leonard J. Rush, Ernest H. Rush, Frederick Rush	Likely Agricultural/Vacant	No other information available.
1936-1948	Leonard J. Rush, Ernest H. Rush	Likely Agricultural/Vacant	No other information available.
1948-1954	Leonard J. Rush	Likely Agricultural/Vacant	No other information available.
1954-1964	Robert J. Windsor	Residential	There is one (1) visible residence at 5426 Lakeshore Road in the 1960 aerial photograph
1964-1969	Robert J. Windsor & Stella M. Windsor	Residential	No other information available.
1969-1970	Robert J. Windsor	Residential	No other information available.
1970-2016	Leonard Douglas Coldin & Barbara Theresa Coldin	Residential	No other information available.
2016-present	2506339 Ontario Inc.	Residential	One (1) occupied residence, one (1) shed and one (1) greenhouse/storage facility was observed during the site reconnaissance in September 2016.

Table 7-1B Current and Past Uses of the Phase One Property: 5452 Lakeshore Road, Ballantrae, Ontario

YEAR	NAME OF OWNER	PROPERTY USES	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
1849-1850	Ronald McDonald (from Crown)	Likely Agricultural	No other information available.
1850-1851	John M. Marsh	Likely Agricultural	No other information available.
1851-1855	Hon. J. H. Price	Likely Agricultural	No other information available.
1855-1884	William S. Read	Likely Agricultural	No other information available.
1884-1909	Amy Gibson	Likely Agricultural	No other information available.
1909-1935	Melford Rose	Likely Agricultural	1927 aerial photographs confirm the land is vacant and available primarily for agricultural use.
1935-1940	Roland Price & Florence Price	Likely Agricultural/Residential	No other information available.
1940-1944	Richard Patrick & Lily Patrick	Likely Agricultural/Residential	No other information available.
1944-1966	Violet Sheppard & William James Sheppard	Likely Agricultural/Residential	There are three (3) structures visible 5452 Lakeshore Road in the 1960 aerial photograph. It is assumed that two (2) are residences and one (1) is a shed.
1966-1967	Merlin Mallett & Vera Mallett	Residential	No other information available.

YEAR	NAME OF OWNER	PROPERTY USES	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
1967-2014	Martin Pintaric & Mary Pintaric	Residential	A total of five (5) structures are visible at 5452 Lakeshore Road in the 1970 aerial photograph. Two (2) of these structures are observed to be residences and the other three (3) are sheds. A number of debris and unidentifiable structures/equipment is observed on this property. A visible pathway extends along the east property line of 5452 Lakeshore Road, but looks to be for agricultural use at 5584 Lakeshore Road, first observed in the 1988 aerial photograph.
2014-2016	804481 Ontario Limited	Residential	No other information available.
2016-present	2506339 Ontario Inc.	Residential	Two (2) vacant residences, one (1) shed and one (1) guest house was observed on the property during site reconnaissance in September 2016.

Table 7-1C Current and Past Uses of the Phase One Property: 5584 Lakeshore Road

YEAR	NAME OF OWNER	PROPERTY USES	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
1841-1857	Canada Company (from Crown)	Likely Agricultural/Commercial	No other information available.
1857-1857	John Pettit & William Pettit	Likely Agricultural/Commercial	No other information available.
1857-1857	James Tilt	Likely Agricultural/Commercial	No other information available.
1857-1892	William Pettit	Likely Agricultural/Commercial	No other information available.
1892-1934	Edward J. McQuillen	Likely Agricultural/Commercial	A residence and corresponding driveway is visible in the 1927 aerial photograph. Based on information provided, this residence was a Bed and Breakfast.
1934-1934	Robert Windsor	Likely Agricultural/Residential	No other information available.
1934-1951	Milford Rose	Likely Agricultural/Residential	No other information available.
1951-1951	Milford Rose & Frances Rose	Likely Agricultural/Residential	No other information available.

YEAR	NAME OF OWNER	PROPERTY USES	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
1951-1982	William James Topper & Myrtle E. Topper	Likely Agricultural/Residential	Four (4) structures are visible at 5584 Lakeshore Road in the 1960 aerial photograph. Land is primarily in agricultural use. A number of unidentified structures and vehicles stored along the roadway to 5584 Lakeshore Road, observed in the 1978 aerial photograph.
1982-1983	The Corporation of the Town of Whitchurch-Stouffville	Likely Agricultural/Residential	No other information available.
1983-1986	Denise Marilyn Beach	Likely Agricultural/Residential	No other information available.
1986-1997	Stephen Lawton & Denise Marilyn Topper-Lawton	Likely Agricultural/Residential	A visible pathway extends along the west end of the 5584 Lakeshore Road property line and looks to be for agricultural use, first observed in the 1988 aerial photograph.
1997-1997	Richard Daniel Schickedanz & Patricia Anne Schickedanz	Residential/Agricultural	No other information available.
1997-present	Richard Daniel Schickedanz & Patricia Anne Schickedanz - JT	Residential/Agricultural	Two (2) residences, one (1) workshop/barn, two (2) portable trailers, one (1) shed and two (2) storage facilities were observed during the site reconnaissance in September 2016.

7.2 POTENTIALLY CONTAMINATING ACTIVITIES

The potentially contaminating activities identified on-site and in the Phase One Study Area are described in Table 7-2. The potentially contaminating activities are evaluated to assess whether there is potential to affect soil or groundwater associated with the Phase One Property.

Table 7-2 Potentially Contaminating Activities

PCA #	POTENTIALLY CONTAMINATING ACTIVITY (O.REG. 153 SCHEDULE E, TABLE 2)	DESCRIPTION	POTENTIAL TO AFFECT PHASE ONE PROPERTY	JUSTIFICATION
PCA-1	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications (MECP PCA #40)	During the site reconnaissance, a large tote was observed at 5584 Lakeshore Road, used for Pesticide storage. Pesticides are applied across the agricultural land on an annual basis.	Yes	Agricultural machinery and equipment was observed in the storage buildings at 5584 Lakeshore Road during the site reconnaissance. A 9.4 hectare area of historic and current agricultural land use on 5584 Lakeshore Road is proposed for future residential development. The potential for subsurface environmental impacts due to the agricultural activity is medium for soil, and low for groundwater.
PCA-2	Storage, maintenance, fueling and repair of equipment, vehicles, and material used to maintain transportation systems (MECP PCA #52)	During the site reconnaissance, a workshop for equipment and vehicle maintenance was identified on 5584 Lakeshore Road.	No	Fuels, antifreeze, batteries, paints, cleaners, oils, jerry cans, propane tanks and compressed gasses (aerosols) were observed in the workshop at 5584 Lakeshore Road. The materials were in sealed containers, properly labelled and in secure storage areas. In addition, the workshop had concrete floors, and there was no evidence of any spills or container leaks. The potential for subsurface environmental impacts at the Phase One property is low.
PCA-3	Transformer Manufacturing, Processing and Use (MECP PCA #55)	Nine (9) pole-top transformers within the Phase One Study Area.	No	At the time of the site reconnaissance, the transformers were in good condition and there was no evidence of leaks. It is unknown if the transformers contain PCBs, however it is unlikely that this would impact the soil or groundwater at the Phase One Property. The potential for subsurface environmental impacts at the Phase One Property are low.
		Four (4) ground transformers within the Phase One Study Area	No	The transformers were in good condition at the time of the site reconnaissance and were located on concrete slabs. At this time it is not known whether the transformers contain PCBs, however it is unlikely that this will impact the soil or groundwater at the Phase One Property. The potential for subsurface environmental impacts at the Phase One Property is low.

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

The identified PCA-1 is considered to present medium potential to affect soil or groundwater beneath the Phase One Property, specifically at 5584 Lakeshore Road. As such, the agricultural land at 5584 Lakeshore Road is an Area of Potential Environmental Concern (APEC) identified within the Phase One Property displayed in Table 7-3.

Review of historical aerial maps show Agricultural land use at 5584 Lakeshore Road since the 1920s. The use and storage of pesticides on this property has the potential to affect the soil and groundwater beneath the Phase One property.

Table 7-3 Areas of Potential Environmental Concern

AREA OF POTENTIAL ENVIRONMENTAL CONCERN	LOCATION OF AREA OF POTENTIAL CONCERN ON PHASE ONE PROPERTY	POTENTIALLY CONTAMINATING ACTIVITY (O.REG.153 SCHEDULE E TABLE 2)	LOCATION OF PCA (ON-SITE OR OFF-SITE)	CONTAMINANTS OF POTENTIAL CONCERN	MEDIA POTENTIALLY IMPACTED (GROUNDWATER, SOIL AND/OR SEDIMENT)
APEC 1	5584 Lakeshore Road	40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On –Site	OC Pesticides	Soil

7.4 PHASE ONE CONCEPTUAL SITE MODEL

Figure 4 provides an overview of the Phase One Study Area that illustrates:

- Existing buildings and structures;
- Water bodies;
- Areas of natural significance;
- Drinking water wells;
- Roads;
- PCA's; and
- APECs.

The PCAs and APECs identified for the Phase One Property are summarized in sections 7.2 and 7.3.

The Phase One Property has historically been used for residential and agricultural purposes. The residences at 5426 and 5584 Lakeshore Road are currently occupied and have municipal water servicing and private sewage systems. The residences at 5452 Lakeshore Road were demolished in 2017 and property is now vacant.

It is noted that WSP staff did not observe the locations of the private sewage systems during the site reconnaissance, and the site contact couldn't confirm their exact locations on each property. Due to the uncertainty of the location of private sewage systems, WSP has not included them in the Phase One Conceptual Site Model (CSM).

There are no significant water courses that flow on or adjacent to the Phase One Property and receive drainage directly from the Phase One Property. Mapping and available topographic records show potential for drainage to flow across the Phase One property (from north to south). The Site is in an area where there is potential for local flow to the south, but overall slopes and drainage are to the north toward Lake Simcoe.

The Phase One Property is underlain by a thick sequence of fine and coarse grained soils of glacial and glacial-fluvial origin. The depth to bedrock is estimated to be between 180 to 190 metres. The water table recorded in available water well records is relatively deep beneath the Phase One Property. Groundwater flow is likely to conform to regional topography with components with local surface water and groundwater flow towards the southeast. Regional groundwater flow is to the north.

Additionally, twelve (12) monitoring wells were observed on the property at the time of site reconnaissance. Six (6) of these monitoring wells were installed by WSP in September 2015, and another six (6) installed in May 2016 as part of a hydrogeological study for the Phase One Property.

Wells located at the Phase One Property that are no longer in use will be required to be decommissioned in accordance with O. Reg. 903. Removal of private sewage systems will also be required as part of the proposed development.

During the records review, WSP relied on information obtained from municipal, provincial and independent sources as referenced in this report. Although the information was assessed for consistency, verification of the accuracy or the completeness of this third party information was not completed.

WSP made all reasonable inquiries to obtain accessible information for this assessment. All responses to information requests were received prior to completion of this report. The evaluation provided in this report reflects our best judgment in light of the information available at the time of report preparation.

8 PHASE ONE ESA CONCLUSION

A Phase One Study Area including properties within a 0.25 kilometre radius from the Phase One Property boundary was chosen for this study. Potential activities of environmental concern in the surrounding areas beyond this Phase One Study Area are not anticipated to impact the Site.

The Phase One Property is located approximately 430 metres east of Highway 48 and approximately 200 metres south of Aurora Road in Ballantrae, Ontario. A Site Location Map is provided as Figure 1. The Phase One Property is approximately 26.9 hectares (66.5 acres) in size, rectangular in shape, and contained twelve (12) structures at the time of site reconnaissance: three (3) occupied single family dwellings, one (1) workshops/barn, one (1) garage, two (2) portables, two (2) storage facilities, one (1) greenhouse/storage facility and two (2) sheds..

The findings of the Phase One ESA for the Phase One Property are:

- Based on the observations made from aerial photographs, interview with the land owner, and the Chain of Title, 5426 and 5452 Lakeshore Road were first developed as residential/agricultural land in 1849, and 5584 Lakeshore Road as residential/agricultural land in 1841.
- The ownership of 5426 and 5452 Lakeshore Road were transferred to 2506339 Ontario Inc. in 2016. 5584 Lakeshore Road is currently owned by a Richard and Patricia Schickedanz, who are affiliated to 2506339 Ontario Inc. There are currently plans for a residential development on 5426, 5452 and 5584 Lakeshore Road.
- Based on the observations made from the aerial photographs, the Phase One Property and the surrounding properties have been used as agricultural, recreational and residential land from 1850 to present.
- The topography at the Phase One Property consists of minor high points and low points that slope towards the centre and south east corner of the property. The Phase One Property elevation ranges from 329 metres above sea level (masl) to 333 masl. The topography is generally higher on the edges and lower in the center of the Phase One Property.
- The Phase One Property is in the Oak Ridges Moraine Physiographic Region in an area characterized by kame moraines.
- The Phase One Property is serviced by public water and private sewage systems.

- The two (2) residences at 5584 Lakeshore Road, and one (1) residence at 5426 Lakeshore Road were occupied at the time of 2016 and 2018 site reconnaissance. The two (2) residences at 5452 Lakeshore Road were vacant during the original site reconnaissance and have since been demolished. The surface coverage of 5426 and 5452 Lakeshore Road at the time of site reconnaissance included manicured grass with intermittent trees, and long grass, respectively. The surface coverage of 5584 Lakeshore Road was mostly agricultural use, except for the area of the two residences and several structures, which included manicured grass and intermittent trees.
- Potentially Contaminating Activities (PCAs) identified in the Phase One Study Area (250 m from the Phase One Property) include: nine (9) pole-top transformer and four (4) ground transformers (PCA # 55). The potential for these activities to impact the Phase One Property is low. There is a low potential for the transformer to impact soil and groundwater at the Phase One Property.
- Potentially Contaminating Activities (PCAs) identified on the Phase One ESA Property include: the presence of Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications (PCA #40), and the Storage, maintenance, fueling and repair of equipment, vehicles, and material used to maintain transportation systems (PCA #52) at 5584 Lakeshore Road. The potential for work activity at the workshop/barn to impact soil and groundwater is low due to the well maintained equipment and workshop, and because no staining or evidence of leaks/spills on the concrete floors was observed during the 2016 site reconnaissance. From the site reconnaissance and aerial photographs review, a 9.4 hectare area of historic and current agricultural land use at 5584 Lakeshore Road is proposed to be developed for the residential development. There is a medium potential for pesticide impacts in the topsoil of the agricultural land at 5584 Lakeshore Road.
- . From the site reconnaissance and aerial photographs review, a 9.4 hectare area of historic and current agricultural land use is proposed to be developed for the residential development. There is a medium potential for pesticide impacts in the soil on the agricultural land at 5584 Lakeshore Road.
- The PCAs have not changed between the 2016 and 2018 site reconnaissance.

8.1 LIMITED PHASE TWO SAMPLING PROGRAM

A Phase Two sampling program is required to further assess APEC-1 identified at 5584 Lakeshore Road. The Phase Two sampling program will delineate the extent of pesticides used on the agricultural land at 5584 Lakeshore Road and assess the potential for current and past agricultural activity to have affected the quality of soil beneath the Phase One Property. The Phase Two program requires soil samples to be collected from topsoil and native fill and submitted for OC Pesticide analysis by an accredited laboratory.

9 ASSESSOR QUALIFICATIONS

The original Phase One site reconnaissance, records review and reporting was carried out by Mr. Daniel Oliveira. The 2018 reconnaissance and reporting update was carried out by Jake Whittamore. The Phase One ESA was directed and overseen by Mr. Lloyd Lemon.

Mr. Daniel Oliveira, B.Sc. Eng., P.Eng., applies his four (4) plus years of environmental consulting experience at commercial, residential, and industrial properties, landfill sites, aggregate extraction sites and agricultural properties across Ontario. Mr. Oliveira has conducted numerous Phase One and Phase Two Environmental Site Assessments, compliance monitoring programs, subsurface investigations, remediation work, and hydrogeological field work across the Greater Toronto Area and Ottawa region since 2011. Routine tasks have both field and office components including water quality monitoring activities, site reconnaissance activities, drill rig and contractor supervision, soil and aggregate inspection and identification, and report and proposal writing. Mr. Oliveira is no longer employed by WSP as of 2017.

Mr. Jake Whittamore, B. Eng., E.I.T., applies his nearly two (2) years of environmental consulting experience at commercial, residential, industrial properties, landfill sites, and agricultural properties across Ontario. Mr. Whittamore has conducted multiple Phase One and Phase Two Environmental Site Assessments, subsurface investigations, and hydrogeological field work across the Greater Toronto Area since 2014. Routine tasks have both field and office components including water quality monitoring activities, site reconnaissance activities, drill rig and contractor supervision, soil inspection and identification, and report and proposal writing.

Mr. Lloyd Lemon, M.Sc., P.Geo. is a Qualified Person under the Ministry of Environment Brownfield Regulation 153/04. He is a Senior Geoscientist with WSP. Mr. Lemon has more than 30 years' experience as a geoscientist and has been registered as a Professional Geoscientist since 2001. Mr. Lemon has a strong technical background with experience in disciplines ranging from regional geological and hydrogeological understanding, contaminant hydrogeology, contaminant fate and transport, contaminant removal/remediation, groundwater geochemistry, rock-water interaction (chemical), environmental impact assessments, drinking water source protection, and risk management. Mr. Lemon has applied this technical background in environmental assessment and remediation projects on many scales and involving many contaminant types in Ontario, Atlantic Canada, and Maine. Mr. Lemon has expertise in detailed characterization of complex sites involving hydrocarbons, dense non-aqueous phase liquids, and fractured rock.

10 LIMITATION AND CLOSURE

This Phase I Environmental Site Assessment report was prepared for Alcorn & Associates Ltd. solely for their exclusive use in the assessment of current environmental conditions in association with the Site located at 5426, 5452 and 5584 Lakeshore Road. WSP will not be responsible for any use of this report by any other party, for any decisions to be made based on it, or for the consequences thereof, unless written reliance is granted by WSP. Unless otherwise agreed in writing by WSP, it shall not be used to express or imply warranty as to the suitability of the property for a particular purpose. WSP disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The Report is intended to be used in its entirety. No excerpts may be taken to be representative of the findings in the assessment.

The Report summarizes WSP's review of available data in accordance with O.Reg 153/04 Phase I Environmental Site Assessment. The Report is based on data and information collected at the time of this Assessment, and must be considered in its entirety. It is based solely on the conditions on the Site encountered at the time of the Site reconnaissance on September 27, 2016, and August 15, 2018 as reported herein. Except as otherwise may be requested, WSP disclaims any obligation to update this Report for events taking place, or with respect to information that becomes available to WSP after the time during which WSP conducted the work. No soil, water, liquid, gas, product or chemical sampling and analytical testing other than that described herein at or in the vicinity of the Site was conducted as part of this Work.

This project has been carried out using investigation techniques and engineering analysis methods consistent with those ordinarily exercised by WSP and other engineering/scientific practitioners, working under similar conditions and subject to the time, financial and physical constraints applicable to this project. The conclusions presented in this Report are based on Work undertaken by trained professional and technical staff and the reasonable and professional interpretation using accepted engineering and scientific practices current at the time the work was performed. Conclusions presented in this report should not be construed as legal advice. WSP makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in the Report, including, but not limited to, ownership of any property, or the application of any law to the findings of the Assessment.

In evaluating the property, WSP has relied in good faith on information provided by other individuals, companies or government agencies noted in the Report. WSP has assumed that the information provided is factual and accurate and WSP has not independently verified the accuracy or completeness of such information. WSP accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this Report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted. WSP makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on

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The Report summarizes WSP's review of available data in accordance with the principal components of the stated regulations, standards and guidelines and the scope, terms and conditions of the contract or proposal to which the Assignment was conducted. No other warranties are either expressed or implied with respect to the professional services provided under the terms of the contract or proposal and represented in this Report. Conditions may exist which were not detected given the nature of the inquiry WSP was retained to undertake with respect to the Site. Additional environmental studies and actions may be recommended.

The scope and the period of WSP's assessment are described in this Report, and are subject to restrictions, assumptions and limitations. It is understood that filing for an RSC in accordance with O.Reg.153/04, as amended, is not required for the Site at this time.

WSP did not perform a complete assessment of all possible conditions or circumstances that may exist at the Site. Conditions may therefore exist which were not detected given the nature of the inquiry WSP was retained to undertake with respect to the Site. Accordingly, additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. WSP's opinions are based upon information that existed at the time of the writing of the Report. It is understood that the services provided for in the scope of work allowed WSP to form no more than an opinion of the actual conditions at the Site at the time the Site was visited, and cannot be used to assess the effect of any subsequent changes in any laws, regulations, the environmental quality of the Site or its surroundings. Asbestos and mould surveys were not performed as part of this investigation. If a service is not expressly indicated, do not assume it has been provided.

The Report is based on data and information collected at the time of this Assessment, as stated in the Report. Site use or conditions change and the information and conclusions in the Report may no longer apply following the date of this Report. If any conditions become apparent that differ significantly from that presented in this Report, we request that we be notified to reassess the conclusions and recommendations provided herein. WSP disclaims any obligation to update this Report for conditions that may be identified after the date of this Report; however, WSP reserves the right to amend or supplement this report based on additional information, documentation or evidence.

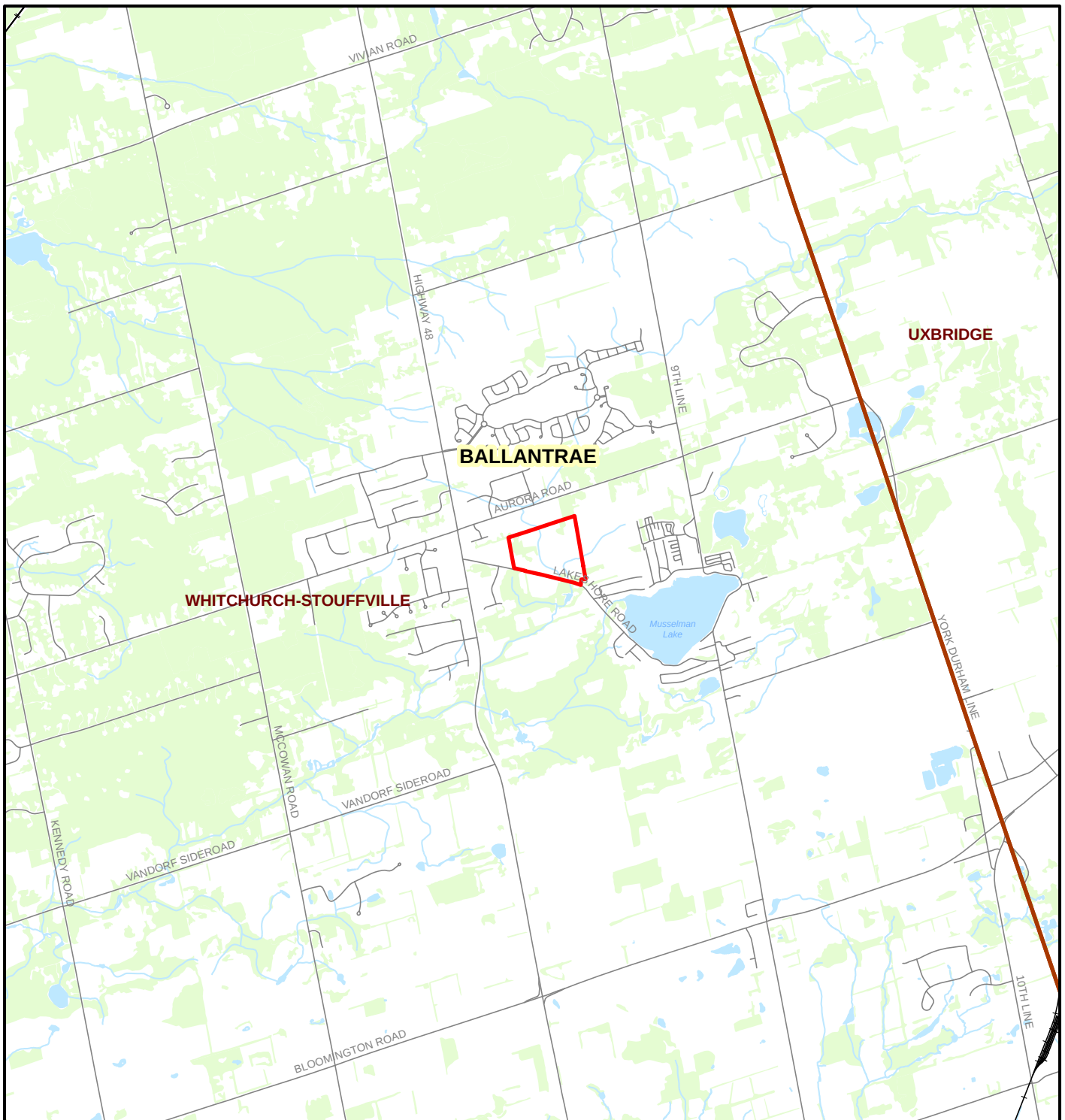
Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, are the sole responsibility of the third parties. Should additional parties require reliance on this Report, written authorization from WSP will be required. WSP disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

11 REFERENCES

- Canadian Standards Association. 2001: *Phase I Environmental Site Assessment CSA Standard Z768-01*
- Chapman, L.J., and Putnam, D.F. 1984: Physiography of Southern Ontario; Ontario Geological Survey, Map P.2715 (coloured). Scale 1:600 000.
- Gao, C., Shiota, J., Kelly, R.I., Brunton, F.R., and van Haaften, S., 2006. Bedrock Topography and overburden thickness mapping, southern Ontario, Ontario Geological Survey, Miscellaneous Release – Data 207.
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- Ontario Geological Survey, 2011. 1:250,000 Scale Bedrock Geology of Ontario, Ontario Geological Survey Miscellaneous Release – Data 126- Revision 1.
- *Ontario Regulation 153/04 Records of Site Condition – Part XV.I of the ACT*, last amendment O.Reg. 269/11
- York Region. *York Maps: Source Water Protection Map*. 2012 0

FIGURES





LEGEND

 APPROXIMATE SITE LOCATION

SITE LOCATION

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 5426, 5452 & 5584 Lakeshore Road
 Ballantrae, Ontario
 For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:50000

PROJECT: 161-06960-00 117

FILE. NO.: 161-06960-00 117 F1



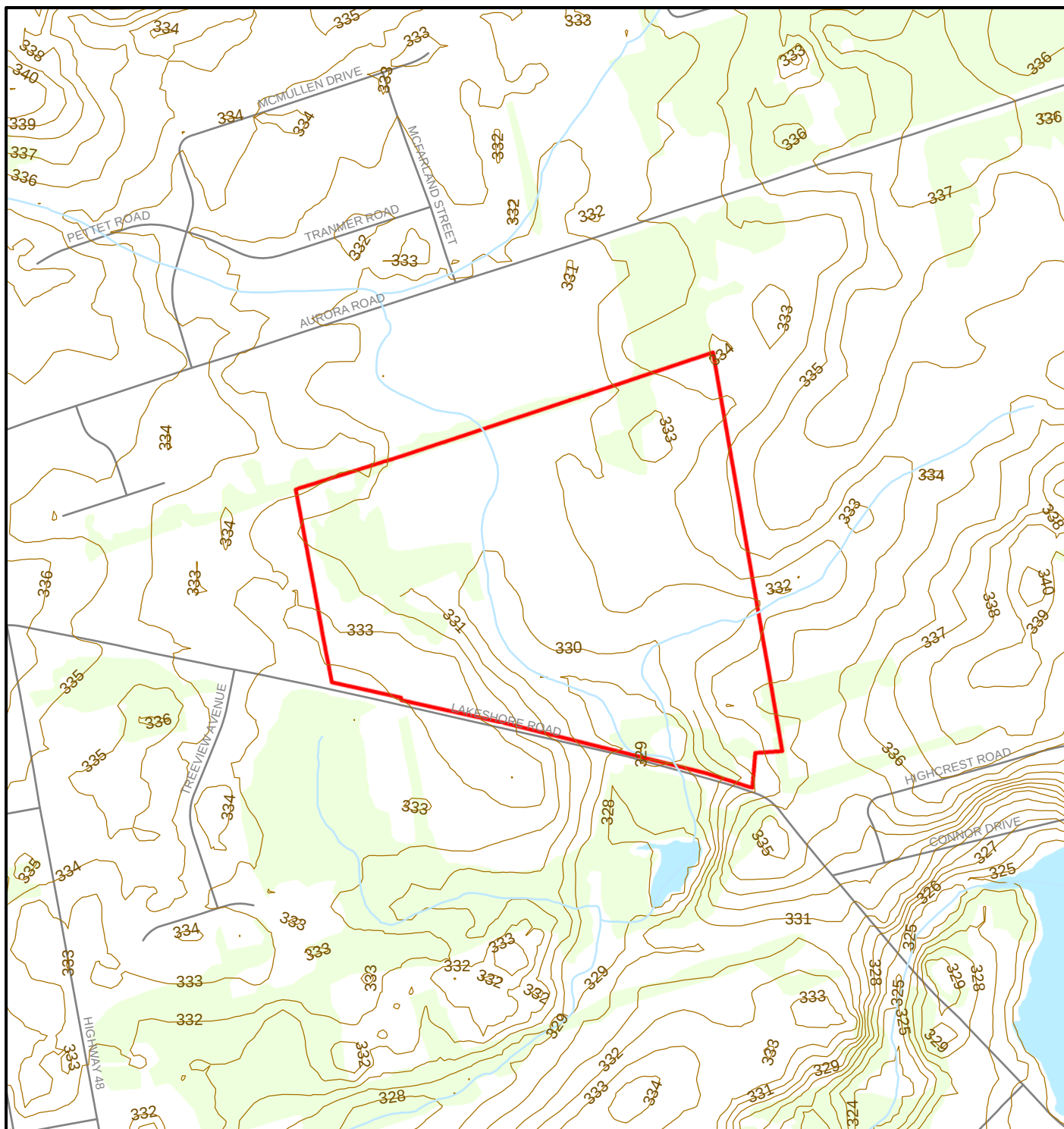
FIGURE

1



Data Source: Ministry of Natural Resources,
 Ontario Base Mapping, March 2014.

500 250 0 500 Metres



LEGEND

- ▭ APPROXIMATE SITE LOCATION
- TOPOGRAPHIC CONTOURS (mASL) (1m INTERVAL)
- WATERCOURSE
- ▭ NON EVALUATED WETLAND
- ▭ PROVINCIALLY SIGNIFICANT WETLAND



Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Elevation, York Region, 2011.

80 40 0 80 Metres

SURFICIAL TOPOGRAPHY

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:8000

PROJECT: 161-06960-00 117

FILE. NO.:161-06960-00 117 F2



FIGURE

2



APPROXIMATE SITE LOCATION

BOREHOLE LOCATION

OBSERVATION WELL

SURFACE WATER STATION

TEST PIT AND INFILTRATION TESTING LOCATION

TEST PIT LOCATION
(5452 LAKESHORE RD PROPERTY)

LINEWORK SHOWS CURRENT PROPOSED PLAN FOR RESIDENTIAL DEVELOPMENT (SUBJECT TO ENVIRONMENTAL APPROVALS)

Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Imagery, York Region, 2015.

050 m

N

SITE PLAN

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018	SCALE: 1:2500
PROJECT: 161-06960-00 117	FILE. NO.:161-06960-00 117 F3

wsp

FIGURE
3



LEGEND

- APPROXIMATE SITE LOCATION
- 250 m SITE RADIUS
- WATERBODIES
- WATERCOURSE
- NON EVALUATED WETLAND
- PROvincially SIGNIFICANT WETLAND
- ANSI
- TOPOGRAPHIC CONTOURS (mASL)
(1m INTERVAL)
- INFERRED GROUNDWATER FLOW DIRECTION
- MOECC WATER WELL LOCATION
- TEST PIT LOCATION
(5452 LAKESHORE RD PROPERTY)
- TEST PIT AND INFILTRATION TESTING LOCATION
- SURFACE WATER STATION
- BOREHOLE LOCATION
- 2015 MONITORING WELL LOCATION
- OBSERVATION WELL
- GROUND TRANSFORMER (PCA #55)
- POLE TOP TRANSFORMER (PCA #55)
- APEC # 1 (PCA 40)

Data Source: Ministry of Natural Resources, Ontario Base Mapping, March 2014. Imagery, York Region, 2017.

0 50 m

N

CONCEPTUAL SITE MODEL

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018	SCALE: 1:4500
PROJECT: 161-06960-00 117	FILE. NO.:161-06960-00 117 F4



FIGURE
4

APPENDIX

A SITE PHOTOGRAPHS

Phase One Environmental Site Assessment (ESA)
5426, 5452 and 5584 Lakeshore Road Ballantrae, Ontario
Project No. 161-06960-00/117



Photograph 1. View of the workshop at 5584 Lakeshore Road. (Septemebr 2016)



Photograph 2. View of an antique car in the workshop at 5584 Lakeshore Road. (September 2016)



Photograph 3. View of propane tanks outside the workshop at 5584 Lakeshore Road. (Septembe r2016)



Photograph 4. View of the fuel oil tank on the east side of the older residence at 5584 Lakeshore Road. (September 2016)



Photograph 5. View of Agricultural equipment stored at 5584 Lakeshore Road. (September 2016)



Photograph 6. Looking west at the agricultural land (9.4 hectares) at 5584 Lakeshore Road – proposed future residential development. (September 2016)

Phase One Environmental Site Assessment (ESA)
5426, 5452 and 5584 Lakeshore Road Ballantrae, Ontario
Project No. 161-06960-00/117



Photograph 7. View of stockpile in the backyard of 5452 Lakeshore Road, north tree line borders the property. (September 2016)



Photograph 8. View of the two (2) residences at 5452 Lakeshore Road. (September 2016)



Photograph 9. View of debris found outside of the residences at 5452 Lakeshore Road. (September 2016)



Photograph 10. Another view of debris adjacent to the residences at 5452 Lakeshore Road. (September 2016)



Photograph 11. View of the one (1) residences at 5426 Lakeshore Road. (September 2016)



Photograph 12. View of the backyard at 5426 Lakeshore Road – storage facility/green house. (September 2016)

Phase One Environmental Site Assessment (ESA)
5426, 5452 and 5584 Lakeshore Road Ballantrae, Ontario
Project No. 161-06960-00/117



Photograph 13. View of the 5452 Lakeshore Road. Buildings have been demolished and tire pile is visible. (August 2018)



Photograph 14. Concrete rubble at 5452 Lakeshore Road. (August 2018)



Photograph 15. View of garage under construction at 5584 Lakeshore Road. (August 2018)

APPENDIX

B

ECOLOG ERIS
REPORT



DATABASE REPORT

Project Property: 5426, 5452 & 5584 Lakeshore Road
5426, 5452, 5584 Lakeshore Road
Ballantrae ON L4A7X3

Project No: 161-06960-00

Report Type: Quote - Custom-Build Your Own Report

Order No: 20160916122

Requested by: WSP Canada Inc.

Date Completed: September 23, 2016

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

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Executive Summary

Property Information:

Project Property: 5426, 5452 & 5584 Lakeshore Road
5426, 5452, 5584 Lakeshore Road Ballantrae ON L4A7X3

Project No: 161-06960-00

Order Information:

Order No: 20160916122
Date Requested: September 16, 2016
Requested by: WSP Canada Inc.
Report Type: Quote - Custom-Build Your Own Report

Additional Products:

City Directory Search Subject Site plus 10 Adjacent Properties
Insurance Products Fire Insurance Maps/Inspection Reports/Site Specific Plans

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	1	2
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	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>
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	3	57	60
Total:			4	62	66

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>
<u>1</u>	EHS		5452 Lakeshore Rd Whitchurch-Stouffville ON L4A7X3	-/0.0	2.20	<u>16</u>
<u>3</u>	WWIS		lot 19 con 8 ON	-/0.0	-1.00	<u>16</u>
<u>4</u>	WWIS		lot 16 con 8 ON	-/0.0	-2.00	<u>16</u>
<u>9</u>	WWIS		lot 20 con 8 ON	-/0.0	4.00	<u>17</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		lot 20 con 8 ON	SW/5.7	4.00	17
5	WWIS		lot 19 con 8 ON	ESE/6.1	3.66	18
6	PINC		5418 LAKESHORE RD, WHITCHURCH ON	WSW/27.2	3.00	18
6	PINC		5418 LAKESHORE ROAD, STOUFFVILLE ON	WSW/27.2	3.00	19
6	SPL	Enbridge Gas Distribution Inc.	5418 Lakeshore Road, Stouffville Whitchurch-Stouffville ON	WSW/27.2	3.00	20
7	WWIS		lot 16 con 8 STOUFFVILLE ON	SE/27.1	0.54	20
8	WWIS		lot 20 con 8 ON	WSW/33.7	3.00	20
10	ECA	Copperstone Land Corporation	5342, 5376, 5410 Lakeshore Road Lots 19 and 20, Concession 8 Town of Whitchurch-Stouffville ON	W/52.8	3.00	21
11	WWIS		lot 19 con 8 ON	SE/7.3	4.00	21
12	WWIS		lot 18 con 8 ON	SE/32.3	4.00	22
13	WWIS		lot 20 con 8 ON	W/96.1	3.00	22
14	WWIS		lot 20 con 8 ON	NNW/193.0	1.00	23
15	WWIS		lot 20 con 8 ON	WNW/56.9	4.00	23
16	WWIS		lot 20 con 8 ON	NW/196.4	1.00	24
17	WWIS		lot 20 con 8 ON	W/112.6	3.00	24
18	WWIS		lot 20 con 8 ON	NW/180.8	1.25	25
19	EHS		5376 Lakeshore Road Ballantrae ON	W/108.0	4.00	25
20	WWIS		lot 20 con 8 ON	NW/188.7	1.00	25
21	WWIS		lot 20 con 8 ON	NW/143.3	3.00	26
22	WWIS		lot 20 con 8 ON	WNW/81.6	4.00	27
23	WWIS		lot 19 con 8 ON	SE/61.5	4.97	27
24	WWIS		lot 20 con 8 ON	WNW/88.9	4.00	28
25	WWIS		lot 20 con 8 ON	NW/187.3	2.00	28

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
26	WWIS		lot 21 con 8 ON	N/218.4	3.00	29
27	WWIS		lot 21 con 8 ON	N/237.6	2.00	30
27	WWIS		lot 21 con 8 ON	N/237.6	2.00	31
28	WWIS		lot 20 con 8 ON	NW/194.6	2.66	32
29	WWIS		lot 21 con 8 ON	N/222.7	3.00	32
30	WWIS		lot 20 con 8 ON	WNW/154.8	4.00	33
31	WWIS		lot 20 con 8 ON	WNW/121.6	4.00	33
32	WWIS		lot 18 con 8 ON	SE/132.3	5.49	34
33	WWIS		lot 19 con 8 ON	SE/118.8	5.00	34
34	WWIS		lot 18 con 8 ON	ESE/153.1	6.78	35
35	WWIS		lot 20 con 8 ON	WNW/180.3	4.00	35
36	WWIS		lot 20 con 8 ON	WNW/190.4	3.99	36
37	WWIS		lot 18 con 8 ON	SE/147.8	4.25	36
38	WWIS		lot 18 con 8 ON	ESE/170.9	6.80	37
39	WWIS		lot 21 con 8 ON	NNE/198.3	4.00	37
40	WWIS		lot 18 con 8 ON	SSE/181.2	4.00	38
41	WWIS		lot 20 con 8 ON	WNW/166.9	5.00	38
42	WWIS		lot 20 con 8 ON	WNW/170.2	5.00	39
43	WWIS		lot 18 con 8 ON	SE/151.5	4.00	39
44	WWIS		lot 21 con 8 ON	NNE/238.0	4.00	40
45	WWIS		lot 18 con 8 ON	SE/189.3	5.00	40
46	WWIS		lot 19 con 8 ON	SE/186.9	3.02	41
47	WWIS		lot 20 con 8 ON	W/236.4	4.00	41
48	WWIS		lot 16 con 8 ON	SE/182.0	3.18	42
48	WWIS		lot 16 con 8 ON	SE/182.0	3.18	42
49	WWIS		lot 20 con 8 ON	WNW/206.3	4.50	42

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>49</u>	WWIS		lot 20 con 8 ON	WNW/206.3	4.50	<u>43</u>
<u>50</u>	WWIS		lot 20 con 8 ON	WNW/223.0	4.00	<u>44</u>
<u>51</u>	WWIS		lot 19 con 8 ON	SE/211.6	3.85	<u>44</u>
<u>52</u>	WWIS		lot 20 con 8 ON	WNW/214.5	5.00	<u>45</u>
<u>53</u>	WWIS		lot 18 con 8 ON	SE/211.8	3.09	<u>45</u>
<u>54</u>	WWIS		lot 18 con 8 ON	SE/212.7	3.08	<u>46</u>
<u>54</u>	WWIS		lot 18 con 8 ON	SE/212.7	3.08	<u>46</u>
<u>54</u>	WWIS		lot 18 con 8 ON	SE/212.7	3.08	<u>47</u>
<u>55</u>	WWIS		lot 18 con 8 ON	ESE/234.3	6.71	<u>47</u>
<u>56</u>	WWIS		lot 20 con 8 ON	WNW/233.3	5.00	<u>48</u>
<u>56</u>	WWIS		lot 20 con 8 ON	WNW/233.3	5.00	<u>49</u>
<u>56</u>	WWIS		lot 20 con 8 ON	WNW/233.3	5.00	<u>49</u>
<u>57</u>	WWIS		lot 18 con 8 ON	SE/247.1	-0.10	<u>50</u>

Executive Summary: Summary By Data Source

ECA - Environmental Compliance Approval

A search of the ECA database, dated Feb 29, 2016 has found that there are 1 ECA 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>
Copperstone Land Corporation	5342, 5376, 5410 Lakeshore Road Lots 19 and 20, Concession 8 Town of Whitchurch-Stouffville ON	52.8	<u>10</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2014 has found that there are 2 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>
	5452 Lakeshore Rd Whitchurch-Stouffville ON L4A7X3	0.0	<u>1</u>
	5376 Lakeshore Road Ballantrae ON	108.0	<u>19</u>

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated Nov 30, 2015 has found that there are 2 PINC 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>
	5418 LAKESHORE RD, WHITCHURCH ON	27.2	<u>6</u>
	5418 LAKESHORE ROAD, STOUFFVILLE ON	27.2	<u>6</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2015 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>
Enbridge Gas Distribution Inc.	5418 Lakeshore Road, Stouffville Whitchurch-Stouffville ON	27.2	<u>6</u>

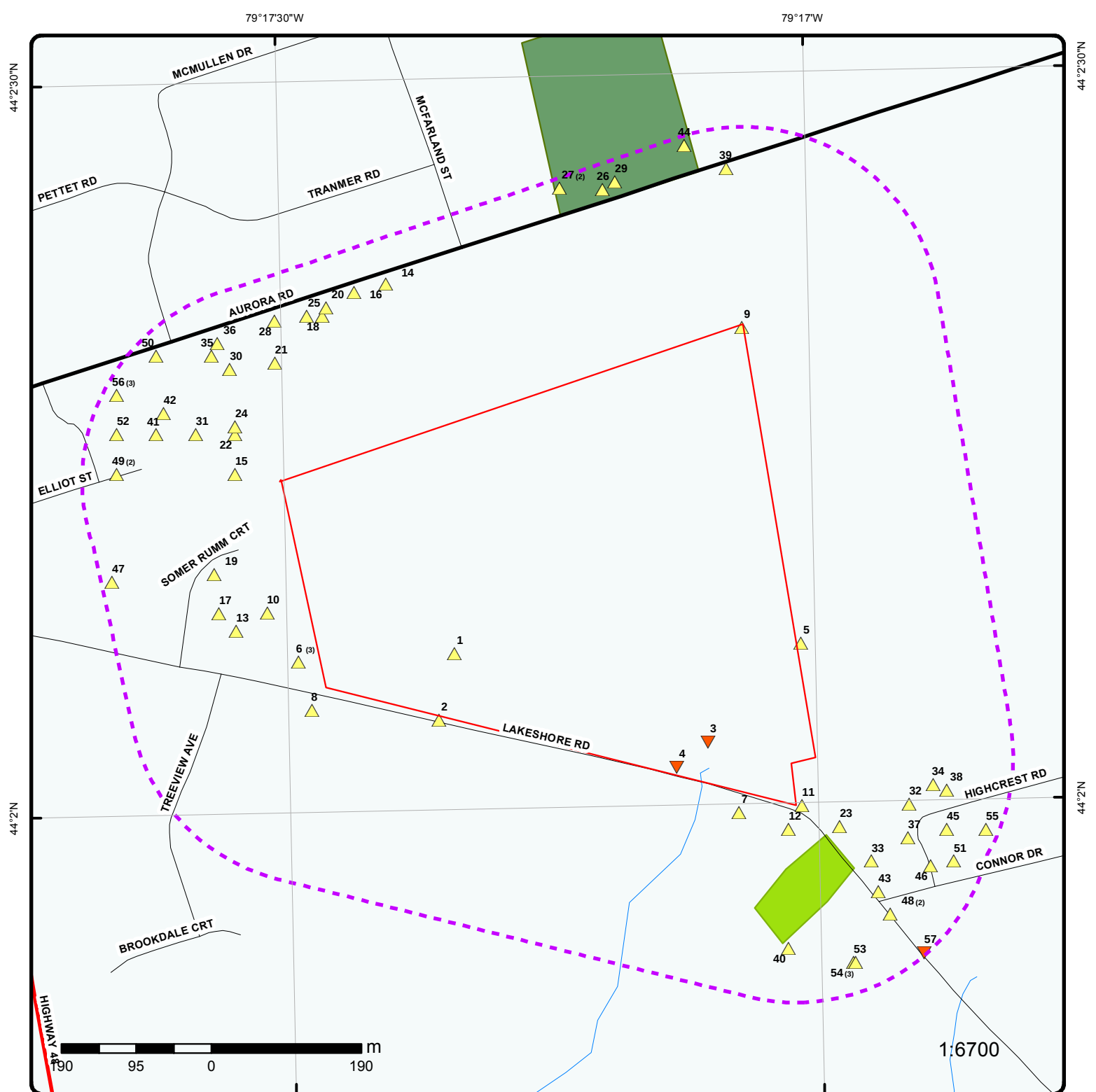
WWIS - Water Well Information System

A search of the WWIS database, dated 1955-Mar 2014 has found that there are 60 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 20 con 8 ON	5.7	<u>2</u>
	lot 19 con 8 ON	0.0	<u>3</u>
	lot 16 con 8 ON	0.0	<u>4</u>
	lot 19 con 8 ON	6.1	<u>5</u>
	lot 16 con 8 STOUFFVILLE ON	27.1	<u>7</u>
	lot 20 con 8 ON	33.7	<u>8</u>
	lot 20 con 8 ON	0.0	<u>9</u>
	lot 19 con 8 ON	7.3	<u>11</u>
	lot 18 con 8 ON	32.3	<u>12</u>
	lot 20 con 8 ON	96.1	<u>13</u>
	lot 20 con 8 ON	193.0	<u>14</u>
	lot 20 con 8 ON	56.9	<u>15</u>
	lot 20 con 8 ON	196.4	<u>16</u>
	lot 20 con 8 ON	112.6	<u>17</u>
	lot 20 con 8 ON	180.8	<u>18</u>
	lot 20 con 8 ON	188.7	<u>20</u>
	lot 20 con 8 ON	143.3	<u>21</u>
	lot 20 con 8 ON	81.6	<u>22</u>
	lot 19 con 8 ON	61.5	<u>23</u>
	lot 20 con 8 ON	88.9	<u>24</u>
	lot 20 con 8 ON	187.3	<u>25</u>
	lot 21 con 8 ON	218.4	<u>26</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 21 con 8 ON	237.6	<u>27</u>
	lot 21 con 8 ON	237.6	<u>27</u>
	lot 20 con 8 ON	194.6	<u>28</u>
	lot 21 con 8 ON	222.7	<u>29</u>
	lot 20 con 8 ON	154.8	<u>30</u>
	lot 20 con 8 ON	121.6	<u>31</u>
	lot 18 con 8 ON	132.3	<u>32</u>
	lot 19 con 8 ON	118.8	<u>33</u>
	lot 18 con 8 ON	153.1	<u>34</u>
	lot 20 con 8 ON	180.3	<u>35</u>
	lot 20 con 8 ON	190.4	<u>36</u>
	lot 18 con 8 ON	147.8	<u>37</u>
	lot 18 con 8 ON	170.9	<u>38</u>
	lot 21 con 8 ON	198.3	<u>39</u>
	lot 18 con 8 ON	181.2	<u>40</u>
	lot 20 con 8 ON	166.9	<u>41</u>
	lot 20 con 8 ON	170.2	<u>42</u>
	lot 18 con 8 ON	151.5	<u>43</u>
	lot 21 con 8 ON	238.0	<u>44</u>
	lot 18 con 8 ON	189.3	<u>45</u>
	lot 19 con 8 ON	186.9	<u>46</u>
	lot 20 con 8 ON	236.4	<u>47</u>
	lot 16 con 8 ON	182.0	<u>48</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 16 con 8 ON	182.0	<u>48</u>
	lot 20 con 8 ON	206.3	<u>49</u>
	lot 20 con 8 ON	206.3	<u>49</u>
	lot 20 con 8 ON	223.0	<u>50</u>
	lot 19 con 8 ON	211.6	<u>51</u>
	lot 20 con 8 ON	214.5	<u>52</u>
	lot 18 con 8 ON	211.8	<u>53</u>
	lot 18 con 8 ON	212.7	<u>54</u>
	lot 18 con 8 ON	212.7	<u>54</u>
	lot 18 con 8 ON	212.7	<u>54</u>
	lot 18 con 8 ON	234.3	<u>55</u>
	lot 20 con 8 ON	233.3	<u>56</u>
	lot 20 con 8 ON	233.3	<u>56</u>
	lot 20 con 8 ON	233.3	<u>56</u>
	lot 18 con 8 ON	247.1	<u>57</u>



Map

Address: 5426, 5452, 5584 Lakeshore Road, Ballantrae, ON, L4A7X3
Order No: 20160916122



 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		 Other Recreation Area
	 Proposed Road		
	 Ferry Route/Ice Road		



Aerial

Address: 5426, 5452, 5584 Lakeshore Road, Ballantrae, ON, L4A7X3

Source: ESRI World Imagery

Order No: 20160916122



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	-/0.0	333.2	5452 Lakeshore Rd Whitchurch-Stouffville ON L4A7X3	EHS
Addit. Info Ordered:		Fire Insur. Maps and/or Site Plans; City Directory			
Order No.:		20140611060			
Report Date:		20-JUN-14			
Report Type:		Custom Report			
Search Radius (km):		.25			
3	1 of 1	-/0.0	330.0	lot 19 con 8 ON	WWIS
Well ID:		6908308		Lot: 019	
Concession:		08		Concession Name: CON	
County:		YORK		Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)	
Easting Nad83:		637412.6		Northing Nad83: 4877084	
Zone:		17		Utm Reliability: margin of error : 100 m - 300 m	
Primary Water Use:		Domestic		Construction Date: 12-MAY-64	
Sec. Water Use:				Well Depth: 73 ft	
Pump Rate:		4 GPM		Static Water Level: 12 ft	
Flow Rate:				Clear/Cloudy: CLEAR	
Specific Capacity:				Final Well Status: Water Supply	
Construction Method:		Jetting		Flowing (y/n): N	
Elevation (m):		328.99		Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock: Overburden	
Water Type:		FRESH		Casing Material: FRESH	
--- Details ---					
Thickness:		1 ft		Original Depth: 1 ft	
Material Colour:				Material: TOPSOIL	
+					
Thickness:		11 ft		Original Depth: 12 ft	
Material Colour:				Material: CLAY	
+					
Thickness:		49 ft		Original Depth: 61 ft	
Material Colour:				Material: MEDIUM SAND	
+					
Thickness:		12 ft		Original Depth: 73 ft	
Material Colour:				Material: MEDIUM SAND	
4	1 of 1	-/0.0	329.0	lot 16 con 8 ON	WWIS
Well ID:		6924607		Lot: 016	
Concession:		08		Concession Name: CON	
County:		YORK		Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)	
Easting Nad83:		637373		Northing Nad83: 4877052	
Zone:		17		Utm Reliability: margin of error : 10 - 30 m	
Primary Water Use:				Construction Date: 17-AUG-98	
Sec. Water Use:				Well Depth:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type: Not Known 328.44 Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material: Abandoned-Other No formation data					
9	1 of 1	-/0.0	335.0	lot 20 con 8 ON	WWIS
Well ID: Concession: County: 6924655 08 YORK Lot: Concession Name: Municipality: 020 CON WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)					
Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type: 637455.6 17 Domestic Domestic 45 GPM Rotary (Air) 335.47 FRESH Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material: 4877609 unknown UTM 15-OCT-98 63 ft 37 ft CLEAR Water Supply N Overburden FRESH					
--- Details --- Thickness: Material Colour: + Thickness: Material Colour: 37 ft BROWN 26 ft BROWN Original Depth: Material: Original Depth: Material: 37 ft SAND, PACKED 63 ft SAND, WATER-BEARING, CLEAN					
2	1 of 1	SW/5.7	335.0	lot 20 con 8 ON	WWIS
Well ID: Concession: County: 6912956 08 YORK Lot: Concession Name: Municipality: 020 CON WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)					
Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type: 637072.6 17 Domestic Domestic 15 GPM Cable Tool 335.06 Not stated Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material: 4877111 margin of error : 100 m - 300 m 24-OCT-75 75 ft 20 ft CLEAR Water Supply N Overburden FRESH					
--- Details --- Thickness: Material Colour: + Thickness: Material Colour: + 17 ft 28 ft BROWN Original Depth: Material: Original Depth: Material: 17 ft PREVIOUSLY DUG 45 ft FINE SAND					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	20 ft			Original Depth:	65 ft
Material Colour:	BROWN			Material:	CLAY, SAND
+					
Thickness:	10 ft			Original Depth:	75 ft
Material Colour:	BROWN			Material:	FINE SAND
5	1 of 1	ESE/6.1	334.7	lot 19 con 8 ON	WWIS
Well ID:	1907350			Lot:	019
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637530.6			Northing Nad83:	4877209
Zone:	17			Utm Reliability:	unknown UTM
Primary Water Use:	Domestic			Construction Date:	06-JUN-85
Sec. Water Use:				Well Depth:	181 ft
Pump Rate:	5 GPM			Static Water Level:	23 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	334.98			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	8 ft			Original Depth:	8 ft
Material Colour:	BROWN			Material:	SAND, CLAY
+					
Thickness:	30 ft			Original Depth:	38 ft
Material Colour:	BROWN			Material:	CLAY, SOFT
+					
Thickness:	18 ft			Original Depth:	56 ft
Material Colour:	BROWN			Material:	SILT, WATER-BEARING
+					
Thickness:	34 ft			Original Depth:	90 ft
Material Colour:	GREY			Material:	SILT, WATER-BEARING
+					
Thickness:	43 ft			Original Depth:	133 ft
Material Colour:	GREY			Material:	CLAY, SILT, WATER-BEARING
+					
Thickness:	34 ft			Original Depth:	167 ft
Material Colour:	GREY			Material:	SILT, GRAVEL, WATER-BEARING
+					
Thickness:	8 ft			Original Depth:	175 ft
Material Colour:	GREY			Material:	SAND, GRAVEL, WATER-BEARING
+					
Thickness:	6 ft			Original Depth:	181 ft
Material Colour:	BROWN			Material:	SAND, GRAVEL, WATER-BEARING
6	1 of 3	WSW/27.2	334.0	5418 LAKESHORE RD, WHITCHURCH ON	PINC

Incident ID:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Tank Status: RC Established Attribute Category: FS-Perform P-line Inc Invest Task Number: 5627435 Type: FS-Pipeline Incident Incident Number: 1674606 Status Code: Pipeline Damage Reason Est Summary: 5418 LAKESHORE RD, WHITCHURCH-STOUFFVILLE - PIPELINE HIT 1" Spills Action Centre: Reported By: BRANDY WHITE - ENBRIDGE Affiliation: Method Details: E-mail Fuel Category: Natural Gas Fuel Occurrence Type: Date of Occurrence: Occurrence Start Date: 7/14/2015 Health Impact: Occurrence Desc: Environment Impact: Property Damage: No Service Interrupt: Fuel Type: Enforce Policy: Yes Operation Type: Damage Reason: No notification made to the one call center Public Relation: Pipeline System: Pipeline Type: Depth: Pipe Material: Regulator Location: PSIG: Regulator Type: Notes:					
6	2 of 3	WSW/27.2	334.0	5418 LAKESHORE ROAD, STOUFFVILLE ON	PINC
Incident ID: Tank Status: RC Established Attribute Category: FS-Perform P-line Inc Invest Task Number: 5599128 Type: FS-Pipeline Incident Incident Number: 1661698 Status Code: Pipeline Damage Reason Est Summary: 5418 LAKESHORE ROAD, STOUFFVILLE - PIPELINE HIT - 1" Spills Action Centre: Reported By: Rod Smallwood - ENBRIDGE Affiliation: Method Details: E-mail Fuel Category: Natural Gas Fuel Occurrence Type: Date of Occurrence: Occurrence Start Date: 6/15/2015 Health Impact: Occurrence Desc: Environment Impact: Property Damage: No Service Interrupt: Fuel Type: Enforce Policy: Yes Operation Type: Damage Reason: No notification made to the one call center Public Relation: Pipeline System:					

20 erisinfo.com | Environmental Risk Information Services Order No: 20160916122

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Sec. Water Use: Pump Rate: 4 GPM Flow Rate: Specific Capacity: Construction Method: Jetting Elevation (m): 333.46 Depth to Bedrock: Water Type: FRESH Well Depth: 47 ft Static Water Level: 36 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Overburden Casing Material: FRESH --- Details --- Thickness: 47 ft Material Colour: Original Depth: 47 ft Material: COARSE SAND					
10	1 of 1	W/52.8	334.0	Copperstone Land Corporation 5342, 5376, 5410 Lakeshore Road Lots 19 and 20, Concession 8 Town of Whitchurch-Stouffville ON	ECA
Record Type: PDF URL: CofA Number: 3978-9MYTN9 Date: 8/26/14 Status: Approved Project Type: Municipal and Private Sewage					
11	1 of 1	SE/7.3	335.0	lot 19 con 8 ON	WWIS
Well ID: 6908306 Concession: 08 County: YORK Lot: 019 Concession Name: CON Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) 4877004 Easting Nad83: 637531.6 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 3 GPM Flow Rate: Specific Capacity: Construction Method: Jetting Elevation (m): 334.8 Depth to Bedrock: Water Type: FRESH Northing Nad83: Utm Reliability: margin of error : 100 m - 300 m Construction Date: 16-MAY-62 Well Depth: 75 ft Static Water Level: 9 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Overburden Casing Material: FRESH --- Details --- Thickness: 3 ft Material Colour: + Thickness: 7 ft Material Colour: GREY + Thickness: 58 ft Material Colour: + Thickness: 7 ft Material Colour: Original Depth: 3 ft Material: FINE SAND Original Depth: 10 ft Material: CLAY Original Depth: 68 ft Material: FINE SAND Original Depth: 75 ft Material: MEDIUM SAND					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
12	1 of 1	SE/32.3	335.0	lot 18 con 8 ON	WWIS
Well ID:	6916979			Lot:	018
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637514.6			Northing Nad83:	4876973
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:				Construction Date:	20-SEP-83
Sec. Water Use:				Well Depth:	42 ft
Pump Rate:	5 GPM			Static Water Level:	27 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	335.3			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	SALTY
--- Details ---					
Thickness:	18 ft			Original Depth:	18 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	9 ft			Original Depth:	27 ft
Material Colour:	BROWN			Material:	FINE SAND, CLAY
+					
Thickness:	15 ft			Original Depth:	42 ft
Material Colour:	BROWN			Material:	SAND
13	1 of 1	W/96.1	334.0	lot 20 con 8 ON	WWIS
Well ID:	6908320			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636815.6			Northing Nad83:	4877224
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	23-OCT-62
Sec. Water Use:				Well Depth:	135 ft
Pump Rate:	3 GPM			Static Water Level:	30 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	334.13			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	16 ft			Original Depth:	16 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	24 ft			Original Depth:	40 ft
Material Colour:				Material:	CLAY, FINE SAND
+					
Thickness:	20 ft			Original Depth:	60 ft
Material Colour:				Material:	FINE SAND
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	30 ft			Original Depth:	90 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	25 ft			Original Depth:	115 ft
Material Colour:				Material:	CLAY, MEDIUM SAND
+					
Thickness:	20 ft			Original Depth:	135 ft
Material Colour:	BLUE			Material:	FINE SAND
14	1 of 1	NNW/193.0	332.0	lot 20 con 8 ON	WWIS
Well ID:	6910343			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637004.6			Northing Nad83:	4877663
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	16-JUN-71
Sec. Water Use:				Well Depth:	81 ft
Pump Rate:	9 GPM			Static Water Level:	20 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	330.42			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	25 ft			Original Depth:	25 ft
Material Colour:	BROWN			Material:	MEDIUM SAND, CLAY
+					
Thickness:	46 ft			Original Depth:	71 ft
Material Colour:	BLUE			Material:	SILT, CLAY
+					
Thickness:	10 ft			Original Depth:	81 ft
Material Colour:	GREY			Material:	FINE SAND
15	1 of 1	WNW/56.9	335.0	lot 20 con 8 ON	WWIS
Well ID:	6915208			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636814.6			Northing Nad83:	4877423
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	25-MAY-79
Sec. Water Use:				Well Depth:	112 ft
Pump Rate:	9 GPM			Static Water Level:	39 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	335.14			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH, MINERIAL
--- Details ---					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	20 ft			Original Depth:	20 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	10 ft			Original Depth:	30 ft
Material Colour:	YELLOW			Material:	CLAY, SAND
+					
Thickness:	35 ft			Original Depth:	65 ft
Material Colour:	BROWN			Material:	SILT, CLAY
+					
Thickness:	39 ft			Original Depth:	104 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	8 ft			Original Depth:	112 ft
Material Colour:	BROWN			Material:	SAND

16	1 of 1	NW/196.4	332.0	lot 20 con 8 ON	WWIS
Well ID:	6910344			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636964.6			Northing Nad83:	4877653
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	14-JUN-71
Sec. Water Use:				Well Depth:	83 ft
Pump Rate:	9 GPM			Static Water Level:	20 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	331.29			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	25 ft			Original Depth:	25 ft
Material Colour:	BROWN			Material:	MEDIUM SAND, CLAY
+					
Thickness:	48 ft			Original Depth:	73 ft
Material Colour:	BLUE			Material:	SILT, CLAY
+					
Thickness:	10 ft			Original Depth:	83 ft
Material Colour:	GREY			Material:	FINE SAND

17	1 of 1	W/112.6	334.0	lot 20 con 8 ON	WWIS
Well ID:	7213031			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636794			Northing Nad83:	4877246
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	12-NOV-13
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:				Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:	
18	1 of 1	NW/180.8	332.2	lot 20 con 8 ON	WWIS
Well ID: 6910269 Concession: 08 County: YORK Easting Nad83: 636924.6 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 5 GPM Flow Rate: Specific Capacity: Construction Method: Cable Tool Elevation (m): 331.82 Depth to Bedrock: Water Type: FRESH --- Details --- Thickness: 1 ft Material Colour: BLACK + Thickness: 29 ft Material Colour: RED				Lot: 020 Concession Name: CON Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) Northing Nad83: 4877623 Utm Reliability: margin of error : 30 m - 100 m Construction Date: 06-APR-71 Well Depth: 30 ft Static Water Level: 9 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Overburden Casing Material: FRESH Original Depth: 1 ft Material: TOPSOIL, MEDIUM SAND Original Depth: 30 ft Material: MEDIUM SAND	
19	1 of 1	W/108.0	335.0	5376 Lakeshore Road Ballantrae ON	EHS
Addit. Info Ordered: Order No.: 20130927015 Report Date: 03-OCT-13 Report Type: Custom Report Search Radius (km): .35					
20	1 of 1	NW/188.7	332.0	lot 20 con 8 ON	WWIS
Well ID: 6910345 Concession: 08 County: YORK Easting Nad83: 636929.6 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 6 GPM Flow Rate: Specific Capacity: Construction Method: Cable Tool Elevation (m): 331.65 Depth to Bedrock: Water Type: FRESH				Lot: 020 Concession Name: CON Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) Northing Nad83: 4877633 Utm Reliability: margin of error : 30 m - 100 m Construction Date: 11-JUN-71 Well Depth: 80 ft Static Water Level: 21 ft Clear/Cloudy: Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Overburden Casing Material: FRESH	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--- Details ---					
Thickness:	36 ft			Original Depth:	36 ft
Material Colour:	BROWN			Material:	MEDIUM SAND, CLAY
+					
Thickness:	35 ft			Original Depth:	71 ft
Material Colour:	BLUE			Material:	SILT, CLAY
+					
Thickness:	9 ft			Original Depth:	80 ft
Material Colour:	GREY			Material:	FINE SAND
21	1 of 1	NW/143.3	334.0	lot 20 con 8 ON	WWIS
Well ID:	6910730			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636864.6			Northing Nad83:	4877563
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	06-OCT-71
Sec. Water Use:				Well Depth:	85 ft
Pump Rate:	6 GPM			Static Water Level:	21 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	334			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	4 ft			Original Depth:	4 ft
Material Colour:	BROWN			Material:	MEDIUM SAND
+					
Thickness:	6 ft			Original Depth:	10 ft
Material Colour:	BROWN			Material:	MEDIUM SAND, CLAY
+					
Thickness:	18 ft			Original Depth:	28 ft
Material Colour:	BROWN			Material:	CLAY, GRAVEL
+					
Thickness:	21 ft			Original Depth:	49 ft
Material Colour:	BROWN			Material:	FINE SAND
+					
Thickness:	8 ft			Original Depth:	57 ft
Material Colour:	GREY			Material:	MEDIUM SAND, CLAY
+					
Thickness:	12 ft			Original Depth:	69 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	11 ft			Original Depth:	80 ft
Material Colour:	GREY			Material:	SILT
+					
Thickness:	5 ft			Original Depth:	85 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:	BROWN			Material:	MEDIUM SAND
22	1 of 1	WNW/81.6	335.0	lot 20 con 8 ON	WWIS
Well ID:	6915207			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636814.6			Northing Nad83:	4877473
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	16-JUL-79
Sec. Water Use:				Well Depth:	103 ft
Pump Rate:	10 GPM			Static Water Level:	39 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	335.25			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH, MINERIAL
--- Details ---					
Thickness:	18 ft			Original Depth:	18 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	11 ft			Original Depth:	29 ft
Material Colour:	YELLOW			Material:	CLAY, SAND
+					
Thickness:	37 ft			Original Depth:	66 ft
Material Colour:	BROWN			Material:	SILT, CLAY
+					
Thickness:	32 ft			Original Depth:	98 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	5 ft			Original Depth:	103 ft
Material Colour:	BROWN			Material:	SAND
23	1 of 1	SE/61.5	336.0	lot 19 con 8 ON	WWIS
Well ID:	6908316			Lot:	019
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637579.6			Northing Nad83:	4876977
Zone:	17			Utm Reliability:	unknown UTM
Primary Water Use:	Domestic			Construction Date:	17-JUL-67
Sec. Water Use:				Well Depth:	50 ft
Pump Rate:	4 GPM			Static Water Level:	38 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Jetting			Flowing (y/n):	N
Elevation (m):	336.36			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	50 ft			Original Depth:	50 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:				Material:	MEDIUM SAND
24	1 of 1	WNW/88.9	335.0	lot 20 con 8 ON	WWIS
Well ID:	6910818			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636814.6			Northing Nad83:	4877483
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	22-JUL-71
Sec. Water Use:				Well Depth:	35 ft
Pump Rate:				Static Water Level:	22 ft
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Boring			Flowing (y/n):	N
Elevation (m):	335.24			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	SULPHUR
--- Details ---					
Thickness:	1 ft			Original Depth:	1 ft
Material Colour:				Material:	TOPSOIL, MEDIUM SAND
+					
Thickness:	21 ft			Original Depth:	22 ft
Material Colour:	BROWN			Material:	FINE SAND, CLAY
+					
Thickness:	13 ft			Original Depth:	35 ft
Material Colour:	BROWN			Material:	MEDIUM SAND
25	1 of 1	NW/187.3	333.0	lot 20 con 8 ON	WWIS
Well ID:	6910538			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636904.6			Northing Nad83:	4877623
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	02-SEP-71
Sec. Water Use:				Well Depth:	87 ft
Pump Rate:	8 GPM			Static Water Level:	20 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	332.27			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	16 ft			Original Depth:	16 ft
Material Colour:	BROWN			Material:	MEDIUM SAND
+					
Thickness:	3 ft			Original Depth:	19 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	33 ft			Original Depth:	52 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:	BROWN			Material:	MEDIUM SAND
+					
Thickness:	2 ft			Original Depth:	54 ft
Material Colour:	GREY			Material:	MEDIUM SAND
+					
Thickness:	10 ft			Original Depth:	64 ft
Material Colour:	GREY			Material:	CLAY, GRAVEL
+					
Thickness:	2 ft			Original Depth:	66 ft
Material Colour:	GREY			Material:	MEDIUM SAND
+					
Thickness:	3 ft			Original Depth:	69 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	7 ft			Original Depth:	76 ft
Material Colour:	GREY			Material:	MEDIUM SAND
+					
Thickness:	5 ft			Original Depth:	81 ft
Material Colour:	GREY			Material:	SILT
+					
Thickness:	6 ft			Original Depth:	87 ft
Material Colour:	BROWN			Material:	MEDIUM SAND
26	1 of 1	N/218.4	334.0	lot 21 con 8 ON	WWIS
Well ID:	6922824			Lot:	021
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637279			Northing Nad83:	4877783
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used			Construction Date:	20-JUN-94
Sec. Water Use:				Well Depth:	30 ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Observation Wells
Construction Method:	Rotary (Convent.)			Flowing (y/n):	
Elevation (m):	332.82			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:				Casing Material:	Not stated
--- Details ---					
Thickness:	1 ft			Original Depth:	1 ft
Material Colour:	BLACK			Material:	TOPSOIL
+					
Thickness:	5 ft			Original Depth:	6 ft
Material Colour:	BROWN			Material:	SILT, SAND, CLAY
+					
Thickness:	24 ft			Original Depth:	30 ft
Material Colour:	BROWN			Material:	SILT, FINE SAND

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
27	1 of 2	N/237.6	333.0	lot 21 con 8 ON	WWIS
Well ID:	6922823			Lot:	021
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637225			Northing Nad83:	4877785
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	28-JUN-94
Sec. Water Use:				Well Depth:	215 ft
Pump Rate:	12 GPM			Static Water Level:	54 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	331.54			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	15 ft			Original Depth:	15 ft
Material Colour:	BROWN			Material:	SAND, SILT
+					
Thickness:	5 ft			Original Depth:	20 ft
Material Colour:	BROWN			Material:	CLAY, SILT
+					
Thickness:	35 ft			Original Depth:	55 ft
Material Colour:	BROWN			Material:	SAND, SILT
+					
Thickness:	7 ft			Original Depth:	62 ft
Material Colour:	GREY			Material:	CLAY, SILT, LAYERED
+					
Thickness:	23 ft			Original Depth:	85 ft
Material Colour:	GREY			Material:	SILT, SAND, CLAY
+					
Thickness:	85 ft			Original Depth:	170 ft
Material Colour:	GREY			Material:	SILT, SAND
+					
Thickness:	10 ft			Original Depth:	180 ft
Material Colour:	GREY			Material:	SILT, CLAY
+					
Thickness:	15 ft			Original Depth:	195 ft
Material Colour:	GREY			Material:	SILT, SAND, CLAY
+					
Thickness:	7 ft			Original Depth:	202 ft
Material Colour:	GREY			Material:	SILT, GRAVEL
+					
Thickness:	8 ft			Original Depth:	210 ft
Material Colour:	GREY			Material:	SAND, GRAVEL, SILT
+					
Thickness:	5 ft			Original Depth:	215 ft
Material Colour:	GREY			Material:	CLAY, SILT, SAND

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
27	2 of 2	N/237.6	333.0	lot 21 con 8 ON	WWIS
Well ID:	6922603			Lot:	021
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637225			Northing Nad83:	4877785
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	14-APR-94
Sec. Water Use:				Well Depth:	250 ft
Pump Rate:	10 GPM			Static Water Level:	45 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	331.54			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	15 ft			Original Depth:	15 ft
Material Colour:	BROWN			Material:	SAND, SILT, LOOSE
+					
Thickness:	5 ft			Original Depth:	20 ft
Material Colour:	BROWN			Material:	SILT, CLAY, SOFT
+					
Thickness:	35 ft			Original Depth:	55 ft
Material Colour:	BROWN			Material:	SAND, SILT, LOOSE
+					
Thickness:	5 ft			Original Depth:	60 ft
Material Colour:	GREY			Material:	CLAY, SILT, SOFT
+					
Thickness:	15 ft			Original Depth:	75 ft
Material Colour:	GREY			Material:	SILT, SAND, SOFT
+					
Thickness:	7 ft			Original Depth:	82 ft
Material Colour:	GREY			Material:	CLAY, SILT, SOFT
+					
Thickness:	63 ft			Original Depth:	145 ft
Material Colour:	GREY			Material:	SILT, SAND, SOFT
+					
Thickness:	25 ft			Original Depth:	170 ft
Material Colour:	BROWN			Material:	FINE SAND, SILT, LOOSE
+					
Thickness:	10 ft			Original Depth:	180 ft
Material Colour:	GREY			Material:	SILT, CLAY, SOFT
+					
Thickness:	15 ft			Original Depth:	195 ft
Material Colour:	GREY			Material:	SILT, SAND, CLAY
+					
Thickness:	15 ft			Original Depth:	210 ft
Material Colour:	BROWN			Material:	GRAVEL, SAND, SILT
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	15 ft			Original Depth:	225 ft
Material Colour:	GREY			Material:	SILT, GRAVEL, SAND
+					
Thickness:	25 ft			Original Depth:	250 ft
Material Colour:	GREY			Material:	CLAY, SILT
28	1 of 1	NW/194.6	333.7	lot 20 con 8 ON	WWIS
Well ID:	6924482			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636864			Northing Nad83:	4877617
Zone:	17			Utm Reliability:	margin of error : 3 - 10 m
Primary Water Use:				Construction Date:	24-JUN-98
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:	Not Known			Flowing (y/n):	
Elevation (m):	333.24			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	No formation data
Water Type:				Casing Material:	
29	1 of 1	N/222.7	334.0	lot 21 con 8 ON	WWIS
Well ID:	6920075			Lot:	021
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637295			Northing Nad83:	4877793
Zone:	17			Utm Reliability:	margin of error : < 3 m
Primary Water Use:	Not Used			Construction Date:	29-JUL-87
Sec. Water Use:				Well Depth:	478 ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Test Hole
Construction Method:	Rotary (Convent.)			Flowing (y/n):	
Elevation (m):	332.96			Elevation Reliability:	
Depth to Bedrock:	464			Overburden/Bedrock:	Bedrock
Water Type:				Casing Material:	
--- Details ---					
Thickness:	28 ft			Original Depth:	28 ft
Material Colour:				Material:	SAND
+					
Thickness:	20 ft			Original Depth:	48 ft
Material Colour:	BROWN			Material:	CLAY, SOFT
+					
Thickness:	37 ft			Original Depth:	85 ft
Material Colour:				Material:	FINE SAND, COARSE SAND
+					
Thickness:	83 ft			Original Depth:	168 ft
Material Colour:	GREY			Material:	CLAY
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	26 ft			Original Depth:	194 ft
Material Colour:				Material:	CLAY, GRAVEL, HARD
+					
Thickness:	189 ft			Original Depth:	383 ft
Material Colour:				Material:	GRAVEL, CLAY, HARD
+					
Thickness:	25 ft			Original Depth:	408 ft
Material Colour:				Material:	GRAVEL, CLAY
+					
Thickness:	24 ft			Original Depth:	432 ft
Material Colour:				Material:	CLAY, GRAVEL
+					
Thickness:	9 ft			Original Depth:	441 ft
Material Colour:				Material:	GRAVEL, CLAY
+					
Thickness:	23 ft			Original Depth:	464 ft
Material Colour:				Material:	CLAY, GRAVEL, HARD
+					
Thickness:	14 ft			Original Depth:	478 ft
Material Colour:				Material:	SHALE
30	1 of 1	WNW/154.8	335.0	lot 20 con 8 ON	WWIS
Well ID:	6908321			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636807.6			Northing Nad83:	4877556
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	22-NOV-62
Sec. Water Use:				Well Depth:	57 ft
Pump Rate:	2 GPM			Static Water Level:	25 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	334.98			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	25 ft			Original Depth:	25 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	22 ft			Original Depth:	47 ft
Material Colour:	YELLOW			Material:	CLAY, SILT
+					
Thickness:	10 ft			Original Depth:	57 ft
Material Colour:	RED			Material:	FINE SAND
31	1 of 1	WNW/121.6	335.0	lot 20 con 8 ON	WWIS
Well ID:	6914306			Lot:	020

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Concession: County: Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	08 YORK 636764.6 17 Domestic 9 GPM Cable Tool 335.99 FRESH			Concession Name: Municipality: Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:	CON WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) 4877473 margin of error : 100 m - 300 m 08-SEP-77 99 ft 41 ft CLEAR Water Supply N Overburden FRESH
--- Details ---					
Thickness:	16 ft			Original Depth:	16 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	18 ft			Original Depth:	34 ft
Material Colour:	YELLOW			Material:	CLAY
+					
Thickness:	33 ft			Original Depth:	67 ft
Material Colour:	BROWN			Material:	SILT, CLAY
+					
Thickness:	26 ft			Original Depth:	93 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	6 ft			Original Depth:	99 ft
Material Colour:	BROWN			Material:	SAND
32	1 of 1	SE/132.3	336.5	lot 18 con 8 ON	WWIS
Well ID: Concession: County: Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	6924352 08 YORK 637667 17 Not Known 336.24 			Lot: Concession Name: Municipality: Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:	018 CON WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) 4877005 margin of error : 3 - 10 m 09-APR-98 Abandoned-Other No formation data
33	1 of 1	SE/118.8	336.0	lot 19 con 8 ON	WWIS
Well ID: Concession: County: Easting Nad83:	6908307 08 YORK 637619.6			Lot: Concession Name: Municipality: Northing Nad83:	019 CON WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) 4876933

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	17 Domestic 5 GPM Jetting 336.04 FRESH			Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:	margin of error : 100 m - 300 m 12-JUN-62 53 ft 44 ft CLEAR Water Supply N Overburden FRESH
--- Details ---					
Thickness: Material Colour:	53 ft 			Original Depth: Material:	53 ft FINE SAND
34	1 of 1	ESE/153.1	337.8	lot 18 con 8 ON	WWIS
Well ID: Concession: County: Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	6924418 08 YORK 637698 17 Not Known 337.48 			Lot: Concession Name: Municipality: Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:	018 CON WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) 4877030 margin of error : 3 - 10 m 15-JUN-98 Abandoned-Other No formation data
35	1 of 1	WNW/180.3	335.0	lot 20 con 8 ON	WWIS
Well ID: Concession: County: Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	6913839 08 YORK 636784.6 17 Domestic Boring 335.01 FRESH			Lot: Concession Name: Municipality: Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:	020 CON WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) 4877573 margin of error : 100 m - 300 m 05-JUN-76 40 ft 16 ft Water Supply N Overburden FRESH, SULPHUR
--- Details ---					
Thickness: Material Colour: +	2 ft 			Original Depth: Material:	2 ft TOPSOIL
Thickness: Material Colour: +	16 ft BROWN			Original Depth: Material:	18 ft CLAY, SANDY

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	2 ft			Original Depth:	20 ft
Material Colour:				Material:	SAND
+					
Thickness:	20 ft			Original Depth:	40 ft
Material Colour:	BROWN			Material:	CLAY, SANDY
36	1 of 1	WNW/190.4	335.0	lot 20 con 8 ON	WWIS
Well ID:	6922280			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636792			Northing Nad83:	4877588
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	25-MAY-93
Sec. Water Use:				Well Depth:	100 ft
Pump Rate:	20 GPM			Static Water Level:	20 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	334.86			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	17 ft			Original Depth:	17 ft
Material Colour:	BROWN			Material:	SAND, SILT
+					
Thickness:	8 ft			Original Depth:	25 ft
Material Colour:	BROWN			Material:	CLAY, SOFT
+					
Thickness:	8 ft			Original Depth:	33 ft
Material Colour:	BROWN			Material:	SAND, CLAY
+					
Thickness:	37 ft			Original Depth:	70 ft
Material Colour:	BROWN			Material:	SAND, SILT
+					
Thickness:	21 ft			Original Depth:	91 ft
Material Colour:	GREY			Material:	CLAY, SOFT
+					
Thickness:	9 ft			Original Depth:	100 ft
Material Colour:	GREY			Material:	SAND, FINE SAND
37	1 of 1	SE/147.8	335.2	lot 18 con 8 ON	WWIS
Well ID:	6924337			Lot:	018
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637666			Northing Nad83:	4876962
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	09-APR-98
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Flow Rate: Specific Capacity: Construction Method: Not Known Elevation (m): 335.35 Depth to Bedrock: Water Type: Clear/Cloudy: Final Well Status: Abandoned-Other Flowing (y/n): Elevation Reliability: Overburden/Bedrock: No formation data Casing Material:					
38	1 of 1	ESE/170.9	337.8	lot 18 con 8 ON	WWIS
Well ID: 6916313 Concession: 08 County: YORK Easting Nad83: 637714.6 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 10 GPM Flow Rate: Specific Capacity: Construction Method: Cable Tool Elevation (m): 337.7 Depth to Bedrock: Water Type: FRESH Lot: 018 Concession Name: CON Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) Northing Nad83: 4877023 Utm Reliability: margin of error : 100 m - 300 m Construction Date: 10-JUL-82 Well Depth: 57 ft Static Water Level: 25 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Overburden Casing Material: FRESH					
--- Details ---					
Thickness: 1 ft Material Colour: BLACK + Thickness: 14 ft Material Colour: BROWN + Thickness: 17 ft Material Colour: BROWN + Thickness: 13 ft Material Colour: BROWN + Thickness: 12 ft Material Colour: BROWN Original Depth: 1 ft Material: TOPSOIL Original Depth: 15 ft Material: CLAY Original Depth: 32 ft Material: COARSE SAND Original Depth: 45 ft Material: SAND, CLAY Original Depth: 57 ft Material: SAND					
39	1 of 1	NNE/198.3	335.0	lot 21 con 8 ON	WWIS
Well ID: 6924593 Concession: 08 County: YORK Easting Nad83: 637436 Zone: 17 Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Not Known Elevation (m): 334.95 Lot: 021 Concession Name: CON Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) 4877810 Utm Reliability: margin of error : 3 - 10 m Construction Date: 25-AUG-98 Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Abandoned-Other Flowing (y/n): Elevation Reliability:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth to Bedrock: Water Type:				Overburden/Bedrock: Casing Material:	No formation data
40	1 of 1	SSE/181.2	335.0	lot 18 con 8 ON	WWIS
Well ID:	6913958			Lot:	018
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637514.6			Northing Nad83:	4876823
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	28-APR-77
Sec. Water Use:				Well Depth:	52 ft
Pump Rate:				Static Water Level:	38 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	334.2			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	SALTY
--- Details ---					
Thickness:	2 ft			Original Depth:	2 ft
Material Colour:	BLACK			Material:	TOPSOIL
+					
Thickness:	28 ft			Original Depth:	30 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	10 ft			Original Depth:	40 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	12 ft			Original Depth:	52 ft
Material Colour:	BROWN			Material:	SAND
41	1 of 1	WNW/166.9	336.0	lot 20 con 8 ON	WWIS
Well ID:	6914300			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636714.6			Northing Nad83:	4877473
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	08-JUL-77
Sec. Water Use:				Well Depth:	110 ft
Pump Rate:	5 GPM			Static Water Level:	40 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	336.55			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	13 ft			Original Depth:	13 ft
Material Colour:	BROWN			Material:	SAND
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	17 ft			Original Depth:	30 ft
Material Colour:	YELLOW			Material:	CLAY
+					
Thickness:	37 ft			Original Depth:	67 ft
Material Colour:	BROWN			Material:	SILT, CLAY
+					
Thickness:	23 ft			Original Depth:	90 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	6 ft			Original Depth:	96 ft
Material Colour:	GREY			Material:	SILT
+					
Thickness:	9 ft			Original Depth:	105 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	5 ft			Original Depth:	110 ft
Material Colour:	BROWN			Material:	SAND, WATER-BEARING
42	1 of 1	WNW/170.2	336.0	lot 20 con 8 ON	WWIS
Well ID:	6923350			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636724			Northing Nad83:	4877500
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	10-AUG-95
Sec. Water Use:				Well Depth:	28 ft
Pump Rate:	10 GPM			Static Water Level:	16 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	336.66			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	SULPHUR
--- Details ---					
Thickness:	28 ft			Original Depth:	28 ft
Material Colour:	BROWN			Material:	SAND, CLEAN
43	1 of 1	SE/151.5	335.0	lot 18 con 8 ON	WWIS
Well ID:	6918298			Lot:	018
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637628.6			Northing Nad83:	4876894
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Public			Construction Date:	13-AUG-86
Sec. Water Use:				Well Depth:	43 ft
Pump Rate:	5 GPM			Static Water Level:	25 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	334.85			Elevation Reliability:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	SALTY
--- Details ---					
Thickness:	25 ft			Original Depth:	25 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	18 ft			Original Depth:	43 ft
Material Colour:	BROWN			Material:	SAND
44	1 of 1	NNE/238.0	335.0	lot 21 con 8 ON	WWIS
Well ID:	6908325			Lot:	021
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637382.6			Northing Nad83:	4877839
Zone:	17			Utm Reliability:	unknown UTM
Primary Water Use:	Domestic			Construction Date:	05-APR-53
Sec. Water Use:				Well Depth:	45 ft
Pump Rate:	5 GPM			Static Water Level:	28 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	334.06			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	45 ft			Original Depth:	45 ft
Material Colour:				Material:	MEDIUM SAND, GRAVEL
45	1 of 1	SE/189.3	336.0	lot 18 con 8 ON	WWIS
Well ID:	6916115			Lot:	018
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637714.6			Northing Nad83:	4876973
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	05-JAN-82
Sec. Water Use:				Well Depth:	68 ft
Pump Rate:	4 GPM			Static Water Level:	39 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	335.72			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	12 ft			Original Depth:	12 ft
Material Colour:	BROWN			Material:	CLAY, SANDY
+					
Thickness:	29 ft			Original Depth:	41 ft
Material Colour:	BROWN			Material:	MEDIUM SAND
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	21 ft			Original Depth:	62 ft
Material Colour:	BROWN			Material:	FINE SAND
+					
Thickness:	6 ft			Original Depth:	68 ft
Material Colour:	GREY			Material:	FINE SAND
46	1 of 1	SE/186.9	334.0	lot 19 con 8 ON	WWIS
Well ID:	6908317			Lot:	019
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637694.6			Northing Nad83:	4876927
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	22-JUL-67
Sec. Water Use:				Well Depth:	50 ft
Pump Rate:	3 GPM			Static Water Level:	38 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Jetting			Flowing (y/n):	N
Elevation (m):	334.03			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	50 ft			Original Depth:	50 ft
Material Colour:				Material:	MEDIUM SAND
47	1 of 1	W/236.4	335.0	lot 20 con 8 ON	WWIS
Well ID:	6908322			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636658.6			Northing Nad83:	4877286
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Not Used			Construction Date:	18-NOV-65
Sec. Water Use:				Well Depth:	230 ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Test Hole
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	335.53			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	
--- Details ---					
Thickness:	24 ft			Original Depth:	24 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	41 ft			Original Depth:	65 ft
Material Colour:	BROWN			Material:	MEDIUM SAND, SILT
+					
Thickness:	165 ft			Original Depth:	230 ft
Material Colour:				Material:	QUICKSAND, CLAY

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
48	1 of 2	SE/182.0	334.2	lot 16 con 8 ON	WWIS
Well ID:	6924590			Lot:	016
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637643			Northing Nad83:	4876866
Zone:	17			Utm Reliability:	margin of error : 3 - 10 m
Primary Water Use:				Construction Date:	26-AUG-98
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:	Not Known			Flowing (y/n):	
Elevation (m):	333.49			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	No formation data
Water Type:				Casing Material:	
48	2 of 2	SE/182.0	334.2	lot 16 con 8 ON	WWIS
Well ID:	6924606			Lot:	016
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637643			Northing Nad83:	4876866
Zone:	17			Utm Reliability:	margin of error : 3 - 10 m
Primary Water Use:				Construction Date:	17-AUG-98
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:	Not Known			Flowing (y/n):	
Elevation (m):	333.49			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	No formation data
Water Type:				Casing Material:	
49	1 of 2	WNW/206.3	335.5	lot 20 con 8 ON	WWIS
Well ID:	6916128			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636664.6			Northing Nad83:	4877423
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	03-JUL-81
Sec. Water Use:				Well Depth:	107 ft
Pump Rate:	10 GPM			Static Water Level:	43 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	335.77			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	26 ft			Original Depth:	26 ft
Material Colour:	BROWN			Material:	SAND

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
+					
Thickness:	9 ft			Original Depth:	35 ft
Material Colour:	YELLOW			Material:	CLAY, SAND
+					
Thickness:	31 ft			Original Depth:	66 ft
Material Colour:	YELLOW			Material:	SILT, CLAY
+					
Thickness:	28 ft			Original Depth:	94 ft
Material Colour:	GREY			Material:	CLAY, SILT
+					
Thickness:	9 ft			Original Depth:	103 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	4 ft			Original Depth:	107 ft
Material Colour:	BROWN			Material:	SAND

49	2 of 2	WNW/206.3	335.5	lot 20 con 8 ON	WWIS
Well ID:	6915200			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636664.6			Nothing Nad83:	4877423
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	16-APR-79
Sec. Water Use:				Well Depth:	111 ft
Pump Rate:	7 GPM			Static Water Level:	38 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	335.77			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH, MINERIAL
--- Details ---					
Thickness:	17 ft			Original Depth:	17 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	14 ft			Original Depth:	31 ft
Material Colour:	YELLOW			Material:	CLAY
+					
Thickness:	37 ft			Original Depth:	68 ft
Material Colour:	BROWN			Material:	SILT, CLAY
+					
Thickness:	23 ft			Original Depth:	91 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	6 ft			Original Depth:	97 ft
Material Colour:	GREY			Material:	SILT
+					
Thickness:	6 ft			Original Depth:	103 ft
Material Colour:	GREY			Material:	CLAY

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
+					
Thickness:	8 ft			Original Depth:	111 ft
Material Colour:	BROWN			Material:	FINE SAND, VERY
50	1 of 1	WNW/223.0	335.0	lot 20 con 8 ON	WWIS
Well ID:	6915203			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636714.6			Northing Nad83:	4877573
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	25-MAY-79
Sec. Water Use:				Well Depth:	112 ft
Pump Rate:	4 GPM			Static Water Level:	41 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	336.06			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH, MINERIAL
--- Details ---					
Thickness:	22 ft			Original Depth:	22 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	9 ft			Original Depth:	31 ft
Material Colour:	YELLOW			Material:	CLAY
+					
Thickness:	38 ft			Original Depth:	69 ft
Material Colour:	BROWN			Material:	SILT, CLAY
+					
Thickness:	39 ft			Original Depth:	108 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	4 ft			Original Depth:	112 ft
Material Colour:	BROWN			Material:	SAND
51	1 of 1	SE/211.6	334.8	lot 19 con 8 ON	WWIS
Well ID:	6908315			Lot:	019
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637723.6			Northing Nad83:	4876933
Zone:	17			Utm Reliability:	unknown UTM
Primary Water Use:	Domestic			Construction Date:	15-JUN-67
Sec. Water Use:				Well Depth:	41 ft
Pump Rate:	5 GPM			Static Water Level:	30 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Jetting			Flowing (y/n):	N
Elevation (m):	334.28			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--- Details ---					
Thickness:	41 ft			Original Depth:	41 ft
Material Colour:				Material:	MEDIUM SAND
52	1 of 1	WNW/214.5	336.0	lot 20 con 8 ON	WWIS
Well ID:	6914298			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636664.6			Northing Nad83:	4877473
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	29-JUN-77
Sec. Water Use:				Well Depth:	103 ft
Pump Rate:	6 GPM			Static Water Level:	38 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	336.56			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	13 ft			Original Depth:	13 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	15 ft			Original Depth:	28 ft
Material Colour:	YELLOW			Material:	CLAY
+					
Thickness:	37 ft			Original Depth:	65 ft
Material Colour:	BROWN			Material:	SILT, CLAY
+					
Thickness:	21 ft			Original Depth:	86 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	6 ft			Original Depth:	92 ft
Material Colour:	GREY			Material:	SILT
+					
Thickness:	5 ft			Original Depth:	97 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	6 ft			Original Depth:	103 ft
Material Colour:	BROWN			Material:	SAND, WATER-BEARING
53	1 of 1	SE/211.8	334.1	lot 18 con 8 ON	WWIS
Well ID:	6926030			Lot:	018
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637597.1			Northing Nad83:	4876805
Zone:	17			Utm Reliability:	unknown UTM
Primary Water Use:				Construction Date:	20-SEP-01
Sec. Water Use:				Well Depth:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pump Rate: Flow Rate: Specific Capacity: Construction Method: Not Known Elevation (m): 333.95 Depth to Bedrock: Water Type:				Static Water Level: Clear/Cloudy: Final Well Status: Abandoned-Other Flowing (y/n): Elevation Reliability: Overburden/Bedrock: No formation data Casing Material:	
54	1 of 3	SE/212.7	334.1	lot 18 con 8 ON	WWIS
Well ID: 6917903 Concession: 08 County: YORK Easting Nad83: 637599.6 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 10 GPM Flow Rate: Specific Capacity: Construction Method: Cable Tool Elevation (m): 333.88 Depth to Bedrock: Water Type: FRESH --- Details --- Thickness: 17 ft Material Colour: BROWN + Thickness: 35 ft Material Colour: BROWN + Thickness: 3 ft Material Colour: BROWN + Thickness: 13 ft Material Colour: BROWN				Lot: 018 Concession Name: CON Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) Northing Nad83: 4876805 Utm Reliability: unknown UTM Construction Date: 14-MAY-85 Well Depth: 68 ft Static Water Level: 35 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Overburden Casing Material: FRESH Original Depth: 17 ft Material: SAND, CLAY Original Depth: 52 ft Material: SAND Original Depth: 55 ft Material: SAND, CLAY Original Depth: 68 ft Material: SAND	
54	2 of 3	SE/212.7	334.1	lot 18 con 8 ON	WWIS
Well ID: 6918902 Concession: 08 County: YORK Easting Nad83: 637599.6 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 6 GPM Flow Rate: Specific Capacity: Construction Method: Rotary (Convent.) Elevation (m): 333.88 Depth to Bedrock: Water Type: FRESH				Lot: 018 Concession Name: CON Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP) Northing Nad83: 4876805 Utm Reliability: unknown UTM Construction Date: 15-JUL-87 Well Depth: 53 ft Static Water Level: 25 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Overburden Casing Material:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--- Details ---					
Thickness:	18 ft			Original Depth:	18 ft
Material Colour:	BROWN			Material:	SAND, CLAY
+					
Thickness:	35 ft			Original Depth:	53 ft
Material Colour:	BROWN			Material:	SAND
54	3 of 3	SE/212.7	334.1	lot 18 con 8 ON	WWIS
Well ID:	6908286			Lot:	018
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637599.6			Northing Nad83:	4876805
Zone:	17			Utm Reliability:	unknown UTM
Primary Water Use:	Livestock			Construction Date:	30-AUG-48
Sec. Water Use:	Domestic			Well Depth:	106 ft
Pump Rate:	4 GPM			Static Water Level:	99 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Jetting			Flowing (y/n):	N
Elevation (m):	333.88			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	2 ft			Original Depth:	2 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	30 ft			Original Depth:	32 ft
Material Colour:	RED			Material:	CLAY
+					
Thickness:	63 ft			Original Depth:	95 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	4 ft			Original Depth:	99 ft
Material Colour:				Material:	COARSE SAND
+					
Thickness:	7 ft			Original Depth:	106 ft
Material Colour:				Material:	COARSE SAND, GRAVEL
55	1 of 1	ESE/234.3	337.7	lot 18 con 8 ON	WWIS
Well ID:	6916113			Lot:	018
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	637764.6			Northing Nad83:	4876973
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	02-DEC-81
Sec. Water Use:				Well Depth:	113 ft
Pump Rate:	4 GPM			Static Water Level:	44 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Elevation (m):	336.93			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	18 ft			Original Depth:	18 ft
Material Colour:	BROWN			Material:	CLAY, SANDY
+					
Thickness:	49 ft			Original Depth:	67 ft
Material Colour:	BROWN			Material:	SAND, CLAY, LAYERED
+					
Thickness:	30 ft			Original Depth:	97 ft
Material Colour:	GREY			Material:	CLAY, SILTY
+					
Thickness:	8 ft			Original Depth:	105 ft
Material Colour:	GREY			Material:	CLAY, STONES
+					
Thickness:	5 ft			Original Depth:	110 ft
Material Colour:	GREY			Material:	FINE SAND, SILTY
+					
Thickness:	3 ft			Original Depth:	113 ft
Material Colour:	GREY			Material:	FINE SAND
56	1 of 3	WNW/233.3	336.0	lot 20 con 8 ON	WWIS
Well ID:	6915204			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636664.6			Northing Nad83:	4877523
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	04-SEP-79
Sec. Water Use:				Well Depth:	118 ft
Pump Rate:	8 GPM			Static Water Level:	42 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	337.08			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH, MINERIAL
--- Details ---					
Thickness:	24 ft			Original Depth:	24 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	8 ft			Original Depth:	32 ft
Material Colour:	YELLOW			Material:	CLAY, SAND
+					
Thickness:	38 ft			Original Depth:	70 ft
Material Colour:	BROWN			Material:	SILT, CLAY
+					
Thickness:	42 ft			Original Depth:	112 ft
Material Colour:	GREY			Material:	CLAY

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
+					
Thickness:	6 ft			Original Depth:	118 ft
Material Colour:	GREY			Material:	SAND
56	2 of 3	WNW/233.3	336.0	lot 20 con 8 ON	WWIS
Well ID:	6914301			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636664.6			Northing Nad83:	4877523
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	11-JUL-77
Sec. Water Use:				Well Depth:	106 ft
Pump Rate:	5 GPM			Static Water Level:	38 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	337.08			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	12 ft			Original Depth:	12 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	15 ft			Original Depth:	27 ft
Material Colour:	YELLOW			Material:	CLAY, SAND
+					
Thickness:	41 ft			Original Depth:	68 ft
Material Colour:	BROWN			Material:	SILT, CLAY
+					
Thickness:	22 ft			Original Depth:	90 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	4 ft			Original Depth:	94 ft
Material Colour:	GREY			Material:	SILT
+					
Thickness:	6 ft			Original Depth:	100 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	6 ft			Original Depth:	106 ft
Material Colour:	BROWN			Material:	SAND, WATER-BEARING
56	3 of 3	WNW/233.3	336.0	lot 20 con 8 ON	WWIS
Well ID:	6916129			Lot:	020
Concession:	08			Concession Name:	CON
County:	YORK			Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	636664.6			Northing Nad83:	4877523
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	02-JUL-81
Sec. Water Use:				Well Depth:	111 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	12 GPM Cable Tool 337.08 FRESH			Static Water Level: 42 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Overburden Casing Material: FRESH	
--- Details ---					
Thickness:	22 ft			Original Depth:	22 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	12 ft			Original Depth:	34 ft
Material Colour:	YELLOW			Material:	CLAY, SAND
+					
Thickness:	34 ft			Original Depth:	68 ft
Material Colour:	YELLOW			Material:	SILT, CLAY
+					
Thickness:	11 ft			Original Depth:	79 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	5 ft			Original Depth:	84 ft
Material Colour:	GREY			Material:	SILT
+					
Thickness:	24 ft			Original Depth:	108 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	3 ft			Original Depth:	111 ft
Material Colour:	BROWN			Material:	SAND
57	1 of 1	SE/247.1	330.9	lot 18 con 8 ON	WWIS
Well ID: Concession: County:	6921306 08 YORK			Lot: 018 Concession Name: CON Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)	
Easting Nad83: Zone: Primary Water Use: Sec. Water Use:	637686 17 			Northing Nad83: 4876817 Utm Reliability: margin of error : 10 - 30 m Construction Date:	
Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	5 GPM Cable Tool 331.05 FRESH			Well Depth: 74 ft Static Water Level: 43 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Overburden Casing Material: SALTY	
--- Details ---					
Thickness:	48 ft			Original Depth:	48 ft
Material Colour:				Material:	UNKNOWN TYPE
+					
Thickness:	26 ft			Original Depth:	74 ft
Material Colour:	BROWN			Material:	FINE SAND

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	<i>DB</i>
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Unplottable Summary

Total: **25** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	SCHICKEDANZ BROTHERS LTD.	PT LOT 21, CONC. 8	WHITCHURCH-STOUFFVILLE TOWN ON	
CA	SCHICKEDANZ BROTHERS LTD.	PT.LOT 21/CON.8, GREEN ACRES	WHITCHURCH-STOUFFVILLE TOWN ON	
CA	Middelburg Developments Inc.	Lot 19, Concession 8	Whitchurch-Stouffville ON	
CA	SCHICKEDANZ BROTHERS LTD.	PT. LOT 21, CONC.8	WHITCHURCH-STOUFFVILLE TOWN ON	
EBR	WMI Waste Management of Canada Inc.	HWY. #48	Town of Whitchurch-Stouffville ON	
ECA	LK Aurora Inc.	Part of Lot 21	Town of Whitchurch-Stouffville ON	
EXP	SHELL CANADA PRODUCTS**	HWY 48	BALLANTRAE ON	
EXP	SHELL CANADA PRODUCTS**	HWY 48	BALLANTRAE ON	
EXP	SHELL CANADA PRODUCTS**	HWY 48	BALLANTRAE ON	
EXP	SHELL CANADA PRODUCTS**	HWY 48	BALLANTRAE ON	
EXP	SHELL CANADA PRODUCTS**	HWY 48	BALLANTRAE ON	
EXP	SHELL CANADA PRODUCTS**	HWY 48	BALLANTRAE ON	
EXP	SHELL CANADA PRODUCTS**	HWY 48	BALLANTRAE ON	
EXP	SHELL CANADA PRODUCTS**	HWY 48	BALLANTRAE ON	
GEN	BALLANTRAE GOLF & COUNTRY CLUB	HIGHWAY 48 NORTH OF AURORA ROAD, EAST SIDE	STOUFFVILLE ON	L4A 7Z5
PRT	ANGELOS MALTEZOS & PETER MALTEZOS	LOT 21 CON 8	STOUFFVILLE ON	
PRT	SHELL CANADA LTD	HWY 48	BALLANTRAE ON	
PRT	RINGWOOD GAS BAR INC	HWY 48	STOUFFVILLE ON	

PRT	A & S AUTO CENTRE	LOT 21 CON 8	STOUFFVILLE ON
PTTW	Cedar Beach Park Ltd.	Lot 20, Concession 8	Whitchurch-Stouffville ON
SPL	RSR ROAD SURFACE RECYCLING INC	YORK SANITATION LANDFILL #4 HWY 48 - STOUFFVILLE TANK TRUCK (CARGO)	YORK R.M. ON
SPL	Miller Paving Limited	Aurora Rd (East side of the 404) Closest intersection : Aurora Rd and Woodbine A	Whitchurch-Stouffville ON
SPL		Aurora Rd, 1 km east of Woodbine Ave	Whitchurch-Stouffville ON
WWIS			STOUFFVILLE ON
WWIS		lot 21 con 8	ON
WWIS		lot 21	ON

Unplottable Report

Site: SCHICKEDANZ BROTHERS LTD.
PT LOT 21, CONC. 8 WHITCHURCH-STOUFFVILLE TOWN ON

Database:
CA

Certificate #: 3-0149-96-
Application Year: 96
Issue Date: 4/1/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: SCHICKEDANZ BROTHERS LTD.
PT.LOT 21/CON.8, GREEN ACRES WHITCHURCH-STOUFFVILLE TOWN ON

Database:
CA

Certificate #: 3-0150-96-
Application Year: 96
Issue Date: 5/2/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Middelburg Developments Inc.
Lot 19, Concession 8 Whitchurch-Stouffville ON

Database:
CA

Certificate #: 1033-5FZMRA
Application Year: 2002
Issue Date: 12/9/2002
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: SCHICKEDANZ BROTHERS LTD.
PT. LOT 21, CONC.8 WHITCHURCH-STOUFFVILLE TOWN ON

Database:
CA

Certificate #: 7-0153-96-
Application Year: 96
Issue Date: 4/1/1996
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *WMI Waste Management of Canada Inc.*
HWY. #48 Town of Whitchurch-Stouffville ON

Database:
EBR

Year: 1997
EBR Registry No.: IA7E1278
Ministry Ref. No.:
Type: Instrument
Instrument Type: EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air)
Proposal Date: 8/28/97
Location: Town of Whitchurch-Stouffville
Proponent Address: WMI Waste Management of Canada Inc., 260 New Toronto Street, Etobicoke, Ontario, M8V 2E8

Site: *LK Aurora Inc.*
Part of Lot 21 Town of Whitchurch-Stouffville ON

Database:
ECA

Record Type: ECA
PDF URL: <https://www.accessenvironment.ene.gov.on.ca/instruments/8894-9PPLWE-14.pdf>
CofA Number: 3856-A4ZQFS
Date: 2015-12-17
Status: Approved
Project Type: Municipal and Private Sewage Works

Site: *SHELL CANADA PRODUCTS***
HWY 48 BALLANTRAE ON

Database:
EXP

Instance ID: 72212
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 10/14/1993
Instance Number: 11167345
Instance Type: FS Liquid Fuel Tank
Status: EXPIRED
Description: Fuels Safety Private Fuel Outlet - Self Serve

Site: *SHELL CANADA PRODUCTS***
HWY 48 BALLANTRAE ON

Database:
EXP

Instance ID:
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 10/14/1993
Instance Number: 11167365
Instance Type: FS Liquid Fuel Tank
Status: EXPIRED

Description:

Site: SHELL CANADA PRODUCTS**
HWY 48 BALLANTRAE ON

Database:
EXP

Instance ID:
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 10/14/1993
Instance Number: 11167338
Instance Type: FS Liquid Fuel Tank
Status: EXPIRED
Description:

Site: SHELL CANADA PRODUCTS**
HWY 48 BALLANTRAE ON

Database:
EXP

Instance ID: 71658
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 10/14/1993
Instance Number: 11167365
Instance Type: FS Liquid Fuel Tank
Status: EXPIRED
Description: Fuels Safety Private Fuel Outlet - Self Serve

Site: SHELL CANADA PRODUCTS**
HWY 48 BALLANTRAE ON

Database:
EXP

Instance ID: 71339
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 10/14/1993
Instance Number: 11167338
Instance Type: FS Liquid Fuel Tank
Status: EXPIRED
Description: Fuels Safety Private Fuel Outlet - Self Serve

Site: SHELL CANADA PRODUCTS**
HWY 48 BALLANTRAE ON

Database:
EXP

Instance ID:
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 10/14/1993
Instance Number: 11167345
Instance Type: FS Liquid Fuel Tank
Status: EXPIRED
Description:

Site: SHELL CANADA PRODUCTS**
HWY 48 BALLANTRAE ON

Database:
EXP

Instance ID: 10259
TSSA Program Area:

Maximum Hazard Rank:
Facility Type:
Expired Date:
Instance Number: 10011454
Instance Type: FS Facility
Status: EXPIRED
Description: Fuels Safety Private Fuel Outlet - Self Serve

Site: BALLANTRAE GOLF & COUNTRY CLUB
HIGHWAY 48 NORTH OF AURORA ROAD, EAST SIDE STOUFFVILLE ON L4A 7Z5

Database:
[GEN](#)

Generator #: ON2514700
Approval Yrs: 99,00,01
SIC Code: 9651
SIC Description: GOLF COURSES

--- Details ---

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS
+
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS
+
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES
+
Waste Code: 221
Waste Description: LIGHT FUELS
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ANGELOS MALTEZOS & PETER MALTEZOS
LOT 21 CON 8 STOUFFVILLE ON

Database:
[PRT](#)

Location ID: 14164
Type: retail
Expiry Date: 1990-08-31
Capacity (L): 17000
Licence #: 0052757001

Site: SHELL CANADA LTD
HWY 48 BALLANTRAE ON

Database:
[PRT](#)

Location ID: 26762
Type: private
Expiry Date:
Capacity (L): 68100.00
Licence #: 0076404284

Site: RINGWOOD GAS BAR INC
HWY 48 STOUFFVILLE ON

Database:
[PRT](#)

Location ID: 14184
Type: retail
Expiry Date: 1995-10-31
Capacity (L): 136200
Licence #: 0051391001

Site: A & S AUTO CENTRE
LOT 21 CON 8 STOUFFVILLE ON

Database:
[PRT](#)

Location ID: 14164
Type: retail
Expiry Date: 1995-10-31
Capacity (L): 77282
Licence #: 0076370261

Site: Cedar Beach Park Ltd.
Lot 20, Concession 8 Whitchurch-Stouffville ON

Database:
[PTTW](#)

Year: 2003
EBR Registry No.: IA03E0039
Ministry Ref. No.:
Type: Instrument
Instrument Type: OWRA s. 34 - Permit to take water
Proposal Date:
Location: Whitchurch-Stouffville
Proponent Address: Cedar Beach Park Ltd.15001 Ninth Line, R.R.#2,Stouffville, Ontario, L4A 7X3

Site: RSR ROAD SURFACE RECYCLING INC
YORK SANITATION LANDFILL #4 HWY 48 - STOUFFVILLE TANK TRUCK (CARGO) YORK R.M. ON

Database:
[SPL](#)

Ref NO: 8814
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Dt: 8/22/1988
Incident Reason: INTENTIONAL/PLANNED
Incident Summary: RSR ROAD SURFACE RECYCLING INC - 200 L LIQUID ASPHALT TO GRD.
MOE Reported Dt: 8/29/1988
Environmental Impact:
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 27000

Site: Miller Paving Limited
Aurora Rd (East side of the 404) Closest intersection : Aurora Rd and Woodbine A Whitchurch-Stouffville ON

Database:
[SPL](#)

Ref NO: 7824-6EXPJC
Contaminant Code:
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Quantity:
Incident Cause: Discharge or Emission to Air
Incident Dt: 8/4/2005
Incident Reason: Unknown - Reason not determined
Incident Summary: Brennan/Miller Paving: natural gas pipeline strike, repaired
MOE Reported Dt: 8/4/2005
Environmental Impact: Possible
Nature of Impact: Air Pollution
Receiving Medium: Air
SAC Action Class: Gas or Petroleum Product Pipeline Spills
Sector Source Type: Pipeline
Site Municipality: Whitchurch-Stouffville

Site:

Aurora Rd, 1 km east of Woodbine Ave Whitchurch-Stouffville ON

Database:

SPL

Ref NO: 8267-6FKQLH
Contaminant Code:
Contaminant Name: HYDRAULIC OIL
Contaminant Quantity:
Incident Cause: Overturn - Truck Or Trailer
Incident Dt: 8/24/2005
Incident Reason:
Incident Summary: Spill MVS - truck in ditch, leaking hydr.
MOE Reported Dt: 8/24/2005
Environmental Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium: Land
SAC Action Class: Spills to Land
Sector Source Type: Other Motor Vehicle
Site Municipality: Whitchurch-Stouffville

Site:

STOUFFVILLE ON

Database:

WWIS

Well ID:	7179720	Lot:	
Concession:		Concession Name:	
County:		Municipality:	
Easting Nad83:		Northing Nad83:	
Zone:		Utm Reliability:	unknown UTM
Primary Water Use:		Construction Date:	26-AUG-11
Sec. Water Use:		Well Depth:	469 ft
Pump Rate:	122 GPM	Static Water Level:	193 ft
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	
Construction Method:		Flowing (y/n):	
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	
Water Type:	FRESH	Casing Material:	FRESH
--- Details ---			
Thickness:	29 ft	Original Depth:	29 ft
Material Colour:	BROWN	Material:	GRAVEL, SILT
+			
Thickness:	23 ft	Original Depth:	52 ft
Material Colour:	BROWN	Material:	FINE SAND, SILT
+			
Thickness:	13 ft	Original Depth:	65 ft
Material Colour:	GREY	Material:	FINE SAND, SILT
+			
Thickness:	13 ft	Original Depth:	78 ft
Material Colour:	BROWN	Material:	SAND, STONES
+			
Thickness:	66 ft	Original Depth:	144 ft
Material Colour:	GREY	Material:	FINE SAND, SILT
+			
Thickness:	142 ft	Original Depth:	286 ft
Material Colour:	GREY	Material:	SAND, SILT, FINE-GRAINED
+			
Thickness:	10 ft	Original Depth:	296 ft
Material Colour:	BROWN	Material:	SAND, GRAVEL
+			
Thickness:	33 ft	Original Depth:	329 ft
Material Colour:	BROWN	Material:	SAND, SILT, FINE-GRAINED
+			
Thickness:	5 ft	Original Depth:	334 ft
Material Colour:	GREY	Material:	GRAVEL
+			
Thickness:	103 ft	Original Depth:	437 ft
Material Colour:	BROWN	Material:	SAND, CLAY

+	Thickness: 4 ft	Original Depth: 441 ft
	Material Colour: GREY	Material: GRAVEL, SILT
+	Thickness: 28 ft	Original Depth: 469 ft
	Material Colour: GREY	Material: GRAVEL, SAND, COARSE-GRAINED

Site: lot 21 con 8 ON **Database:** [WWIS](#)

Well ID: 6928742	Lot: 021
Concession: 08	Concession Name: CON
County: YORK	Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:	Northing Nad83:
Zone:	Utm Reliability:
Primary Water Use:	Construction Date: 31-DEC-04
Sec. Water Use:	Well Depth: 127.71 m
Pump Rate:	Static Water Level:
Flow Rate:	Clear/Cloudy:
Specific Capacity:	Final Well Status:
Construction Method:	Flowing (y/n):
Elevation (m):	Elevation Reliability:
Depth to Bedrock:	Overburden/Bedrock: Overburden
Water Type:	Casing Material:

--- Details ---

Thickness: 20.72 m	Original Depth: 20.72 m
Material Colour: BROWN	Material: SAND, GRAVEL, LAYERED
+	
Thickness: 8.54 m	Original Depth: 29.26 m
Material Colour: GREY	Material: CLAY, SAND, GRAVEL
+	
Thickness: 10.36 m	Original Depth: 39.62 m
Material Colour: GREY	Material: SILT, CLAY, SAND
+	
Thickness: 8.23 m	Original Depth: 47.85 m
Material Colour: GREY	Material: CLAY
+	
Thickness: 9.75 m	Original Depth: 57.6 m
Material Colour: BROWN	Material: SAND, GRAVEL
+	
Thickness: 20.73 m	Original Depth: 78.33 m
Material Colour: GREY	Material: CLAY, GRAVEL, TILL
+	
Thickness: 16.46 m	Original Depth: 94.79 m
Material Colour: GREY	Material: GRAVEL, SAND
+	
Thickness: 2.44 m	Original Depth: 97.23 m
Material Colour: BROWN	Material: SAND, GRAVEL
+	
Thickness: 7.92 m	Original Depth: 105.15 m
Material Colour: GREY	Material: GRAVEL, SAND
+	
Thickness: 3.85 m	Original Depth: 109 m
Material Colour: GREY	Material: SAND, SILT, GRAVEL
+	
Thickness: 6.12 m	Original Depth: 115.12 m
Material Colour: GREY	Material: SILT, SAND, CLAY
+	
Thickness: 1.08 m	Original Depth: 116.2 m
Material Colour: GREY	Material: SAND, GRAVEL
+	
Thickness: 5.7 m	Original Depth: 121.9 m
Material Colour: GREY	Material: CLAY, GRAVEL, SILT
+	
Thickness: 1.9 m	Original Depth: 123.8 m
Material Colour: GREY	Material: GRAVEL, SAND

+			
Thickness:	2.07 m	Original Depth:	125.87 m
Material Colour:	BLACK	Material:	GRAVEL, COARSE SAND
+			
Thickness:	.33 m	Original Depth:	126.2 m
Material Colour:	GREY	Material:	SAND, GRAVEL
+			
Thickness:	1.51 m	Original Depth:	127.71 m
Material Colour:	GREY	Material:	SILT, SAND

Site:
lot 21 ON

Database:
WWIS

Well ID:	6926482	Lot:	021
Concession:		Concession Name:	CON
County:	YORK	Municipality:	WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)
Easting Nad83:		Northing Nad83:	
Zone:	17	Utm Reliability:	unknown UTM
Primary Water Use:	Domestic	Construction Date:	20-JUL-02
Sec. Water Use:		Well Depth:	115 ft
Pump Rate:	20 GPM	Static Water Level:	80 ft
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Cable Tool	Flowing (y/n):	N
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	Overburden
Water Type:	FRESH	Casing Material:	FRESH

--- Details ---

Thickness:	13 ft	Original Depth:	13 ft
Material Colour:	BROWN	Material:	SAND
+			
Thickness:	2 ft	Original Depth:	15 ft
Material Colour:	BROWN	Material:	GRAVEL
+			
Thickness:	60 ft	Original Depth:	75 ft
Material Colour:	BROWN	Material:	SAND, SILT
+			
Thickness:	11 ft	Original Depth:	86 ft
Material Colour:	GREY	Material:	CLAY, SOFT
+			
Thickness:	20 ft	Original Depth:	106 ft
Material Colour:	GREY	Material:	CLAY, SILT
+			
Thickness:	9 ft	Original Depth:	115 ft
Material Colour:	BROWN	Material:	FINE SAND

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 Mar 2015

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-Oct 2014

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 2001-Jul 2014

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: 1948-Dec 2015

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: 1992, 1999-Jul 2014

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-Feb 2014

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-Jan 2016

Drill Hole Database:

Provincial

DRL

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

Government Publication Date: 1886-Jun 2014

Environmental Activity and Sector Registry:

Provincial

EASR

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

Government Publication Date: Feb 29, 2016

Environmental Registry:

Provincial

EBR

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

Government Publication Date: 1994-Jan 2016

Environmental Compliance Approval:

Provincial

ECA

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

Government Publication Date: Feb 29, 2016

Environmental Effects Monitoring:

Federal

EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

EHS

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

Government Publication Date: 1999-Aug 2014

Environmental Issues Inventory System:

Federal

EIS

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 EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities:

Provincial

EXP

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

Government Publication Date: Current to Nov 2015

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: June 2000-Oct 2015

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sept 2003

Fuel Storage Tank:

Provincial

FST

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

Government Publication Date: 2010-Nov 2015

Fuel Storage Tank - Historic:

Provincial

FSTH

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: 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-May 2015

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: Dec 31, 2013

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: June 2009 - Nov 2015

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: 2012

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Apr 2013

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: 1994-2013

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: Dec 31, 2014

Oil and Gas Wells:

Private

OGW

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

Government Publication Date: 1988-2015

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-Aug 2015

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-Jan 2016

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: 1988-Jun 2013

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: Nov 30, 2015

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-Jan 2016

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-2013

Record of Site Condition:

Provincial

RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2016

Retail Fuel Storage Tanks:

Private

RST

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

Government Publication Date: 1999-Jul 2014

Scott's Manufacturing Directory:

Private

SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

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

Government Publication Date: 1988-Jun 2015

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: 1990-2013

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970-Mar 2007

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

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

Government Publication Date: Current to Nov 2015

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: Feb 29, 2016

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

WWIS

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

Government Publication Date: 1955-Mar 2014

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.

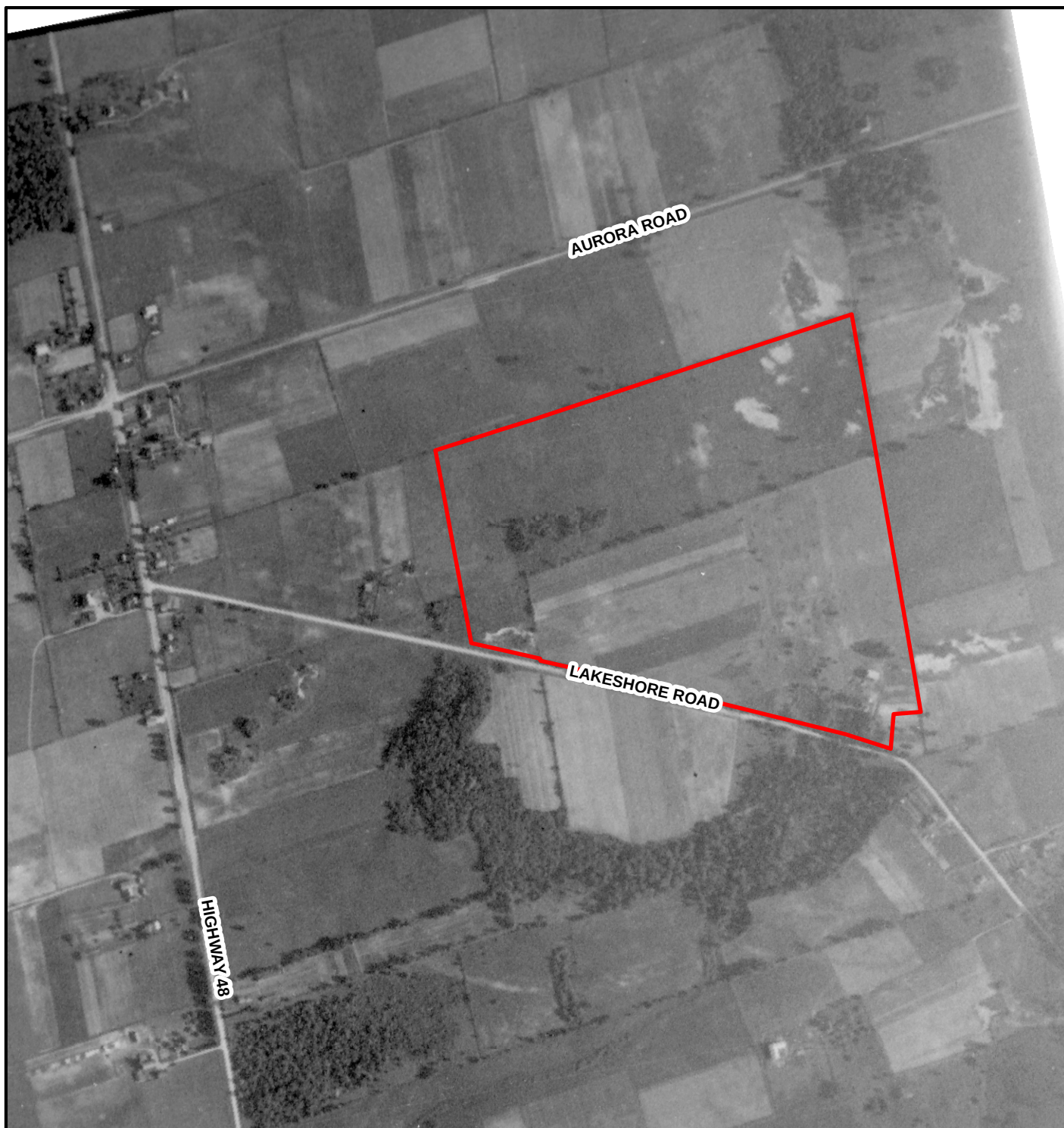
Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number 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

C AERIAL PHOTOGRAPHS



LEGEND



APPROXIMATE SITE LOCATION



Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Imagery, RA22_017 (1927).

80 40 0 80 Metres

1927 AIR PHOTO

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:8000

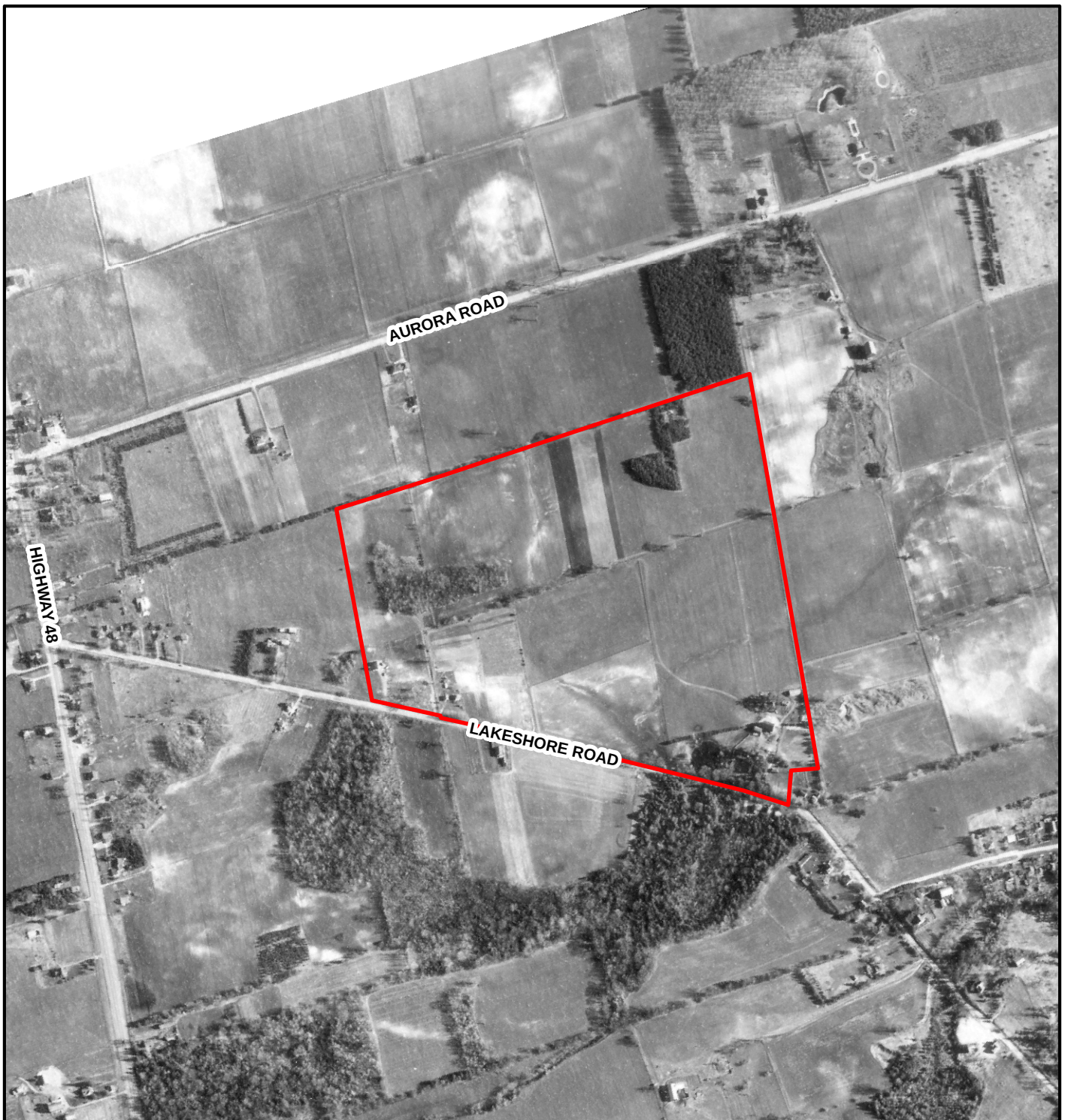
PROJECT: 161-06960-00 117

FILE. NO.:161-06960-00 117 FC-1



FIGURE

C-1



LEGEND

 APPROXIMATE SITE LOCATION



Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Imagery, A16998_029 (1960).

80 40 0 80 Metres

1960 AIR PHOTO

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:8000

PROJECT: 161-06960-00 117

FILE. NO.:161-06960-00 117 FC-2



FIGURE

C-2



LEGEND

 APPROXIMATE SITE LOCATION



Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Imagery, York Region (1970).

80 40 0 80 Metres

1970 AIR PHOTO

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:8000

PROJECT: 161-06960-00 117

FILE. NO.:161-06960-00 117 FC-3



FIGURE

C-3



LEGEND

 APPROXIMATE SITE LOCATION



Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Imagery, York Region (1978).

80 40 0 80 Metres

1978 AIR PHOTO

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:8000

PROJECT: 161-06960-00 117

FILE. NO.:161-06960-00 117 FC-4



FIGURE

C-4



LEGEND

APPROXIMATE SITE LOCATION



Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Imagery, York Region (1988).

80 40 0 80 Metres

1988 AIR PHOTO

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:8000

PROJECT: 161-06960-00 117

FILE. NO.:161-06960-00 117 FC-5



FIGURE

C-5



LEGEND

APPROXIMATE SITE LOCATION



Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Imagery, York Region (1999).

80 40 0 80 Metres

1999 AIR PHOTO

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:8000

PROJECT: 161-06960-00 117

FILE. NO.:161-06960-00 117 FC-6



FIGURE

C-6



LEGEND

APPROXIMATE SITE LOCATION



Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Imagery, York Region (2005).

80 40 0 80 Metres

2005 AIR PHOTO

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:8000

PROJECT: 161-06960-00 117

FILE. NO.: 161-06960-00 117 FC-7



FIGURE

C-7



LEGEND

APPROXIMATE SITE LOCATION



Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Imagery, York Region (2009).

80 40 0 80 Metres

2009 AIR PHOTO

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:8000

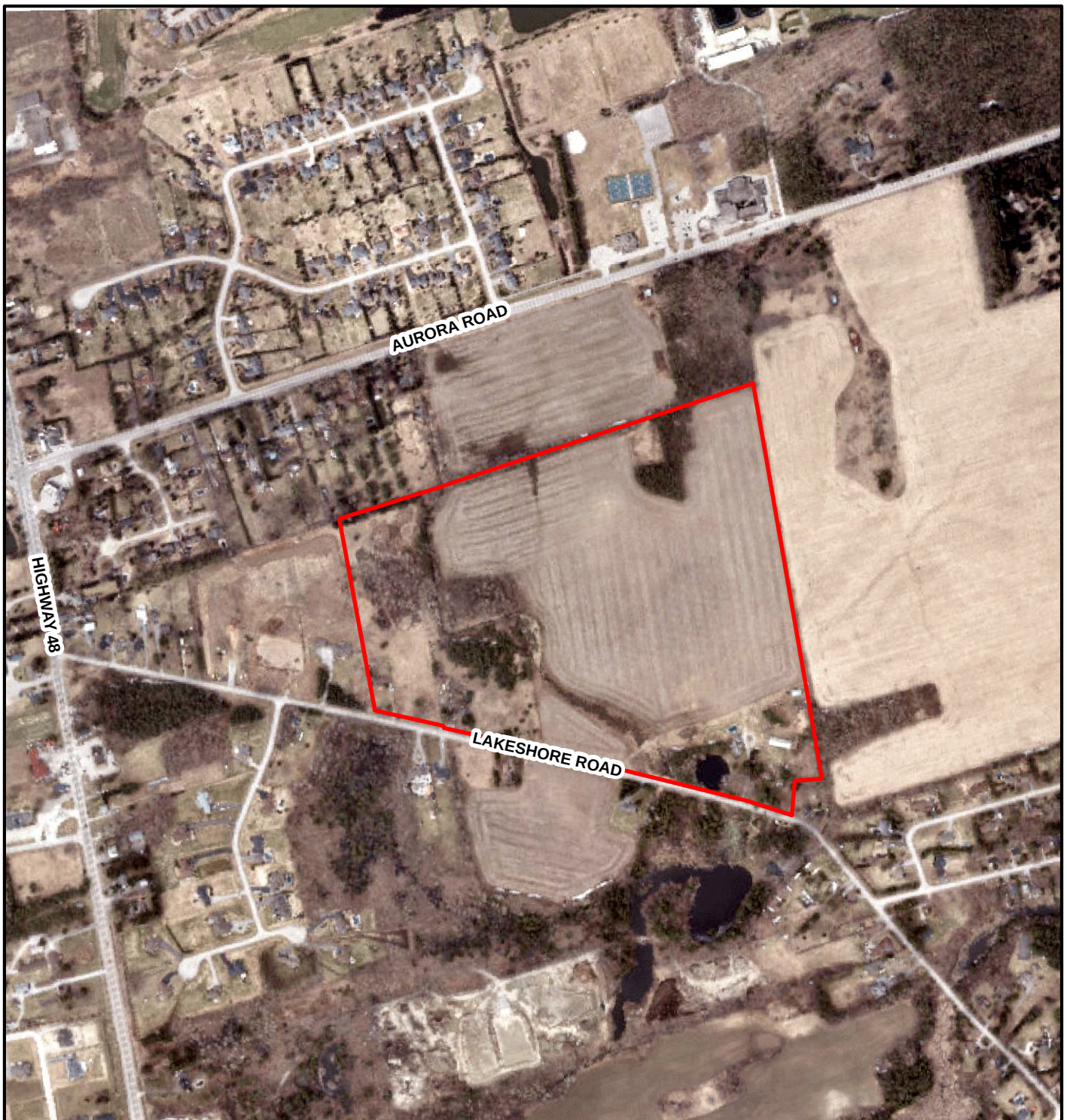
PROJECT: 161-06960-00 117

FILE. NO.:161-06960-00 117 FC-8



FIGURE

C-8



LEGEND

APPROXIMATE SITE LOCATION



Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Imagery, York Region (2014).

80 40 0 80 Metres

2014 AIR PHOTO

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:8000

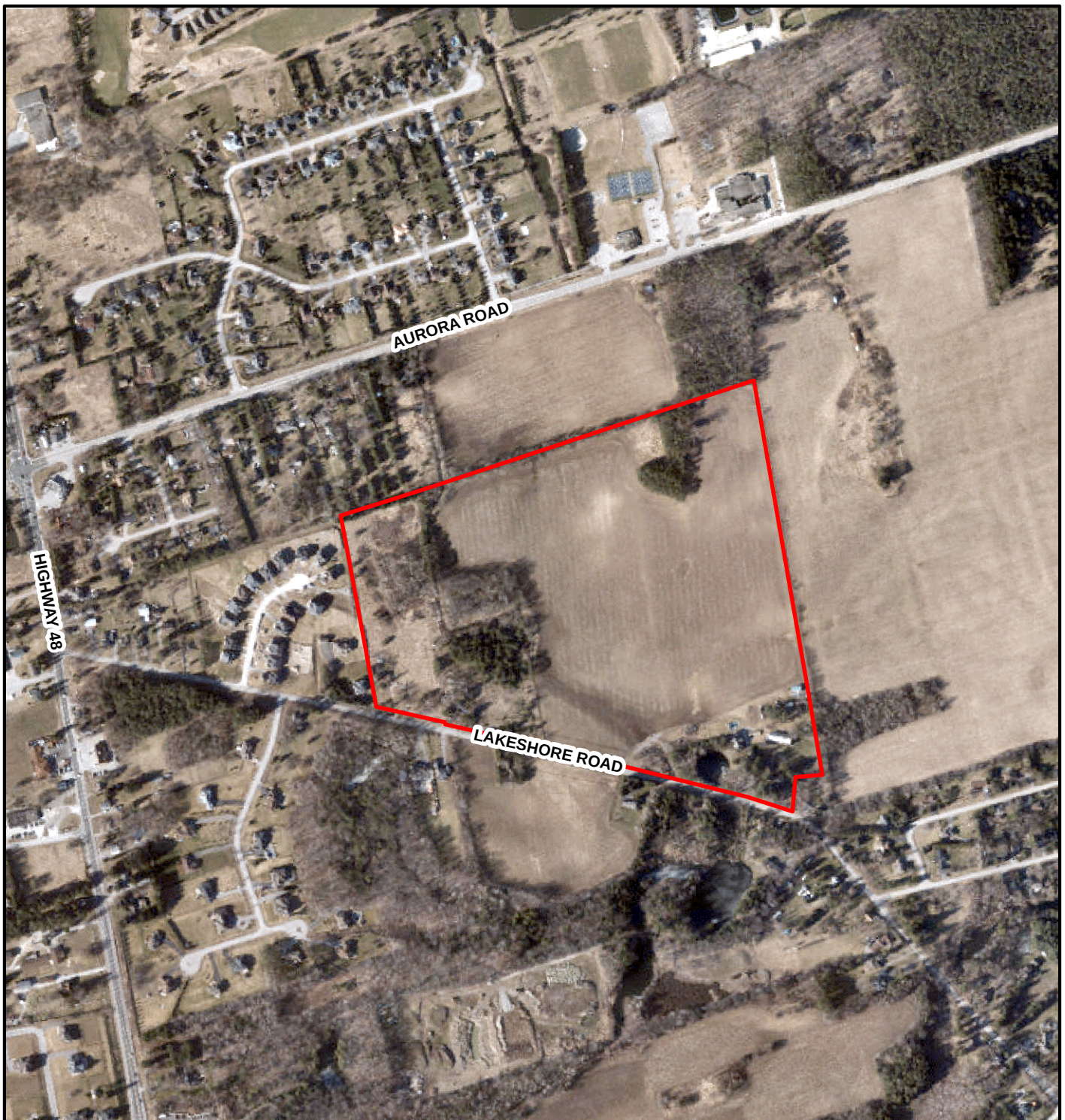
PROJECT: 161-06960-00 117

FILE. NO.:161-06960-00 117 FC-9



FIGURE

C-9



LEGEND

APPROXIMATE SITE LOCATION



Data Source: Ministry of Natural Resources,
Ontario Base Mapping, March 2014.
Imagery, York Region (2016).

80 40 0 80 Metres

2016 AIR PHOTO

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5426, 5452 & 5584 Lakeshore Road
Ballantrae, Ontario
For Far Sight Homes

DATE: AUGUST 2018

SCALE: 1:8000

PROJECT: 161-06960-00 117

FILE. NO.:161-06960-00 117 FC-10



FIGURE

C-10

APPENDIX

D

RECORDS SEARCH
DOCUMENTS

CHAIN OF TITLE REPORT

Project # 161-06960-00/117
Address: 5426 Lakeshore Road, Ballantrae
Legal Part Lots 19 & 20 Con 8 Whitchurch
Description: as in B83889B

PIN# 03688-0053 (LT)

Searched at: Aurora
LRO #: 65

Page 1

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	18 08 1849	Crown	Ronald McDONALD
38632	Deed	30 11 1850	Ronald McDonald	John M. MARSH
42370	Deed	22 11 1851	John M. Marsh	Hon. J. H. PRICE
58147	Deed	07 05 1855	Hon. J. H. Price	William S. READ
3138	Deed	17 06 1880	William S. Read	Mary Jane MILLER
8208	Deed	03 06 1904	Mary Jane Miller	William J. GRAY
10017	Deed	26 01 1912	William J. Gray	Emma J. DAVIS
12938	Deed	13 04 1922	Emma J. Davis	Herbert KIRBY
16249	Deed	11 07 1933	Herbert Kirby - Estate	David H. ANDREWS

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project # 161-06960-00/117
Address: 5426 Lakeshore Road, Ballantrae
Legal Part Lots 19 & 20 Con 8 Whitchurch
Description: as in B83889B

PIN# 03688-0053 (LT)

Searched at: Aurora
LRO #: 65

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
16793	Deed	20 05 1936	David H. Andrews	Leonard J. RUSH, Ernest H. RUSH & Frederick RUSH
16839	Deed	28 05 1936	Frederick Rush	Leonard J. RUSH & Ernest H. RUSH
20757	Deed	20 04 1948	Ernest H. Rush	Leonard J. RUSH
25294	Deed	27 04 1954	Leonard J. Rush	Robert J. WINDSOR
967B	Deed	21 02 1964	Robert J. Windsor	Robert J. WINDSOR & Stella M. WINDSOR
71029B	Deed	07 10 1969	Robert J. Windsor & Stella M. Windsort	Robert J. WINDSOR
B83889B	Deed	01 09 1970	Robert J. Windsor	Leonard Douglas COLDIN & Barbara Theresa COLDIN
YR2496909	Deed (Present Owner)	29 06 2016	Leonard Douglas Coldin & Barbara Theresa Coldin	2506339 Ontario Inc.

LAND
REGISTRY
OFFICE #65

03688-0053 (LT)

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

PROPERTY DESCRIPTION: PT LT 19 CON 8 WHITCHURCH; PT LT 20 CON 8 WHITCHURCH AS IN B83889B; WHITCHURCH-STOUFFVILLE

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
RE-ENTRY FROM 03688-0267

PIN CREATION DATE:
2000/03/24

OWNERS' NAMES
2506339 ONTARIO INC.

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/09/22 ON THIS PIN **WAS REPLACED WITH THE "PIN CREATION DATE" OF 2000/03/24** ** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 2000/03/24 ** **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: 2000/03/27 **						
B83889B	1970/09/01	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	COLDIN, LEONARD DOUGLAS COLDIN, BARBARA THERESA	
R117364	1972/03/03	ORDER		REMARKS: AFFECTS ALL/PART VARIOUS LANDS. ADDED 2001/01/02 BY DEB WALLEN, ADLR (DELETED FROM 03677-0039, 2002/08/12 AT 14:22, B. LOURENCO, DLR) DELETED BY YR164715 AS TO PIN 03682-0192 ONLY DELETED BY YR234158 DELETED BY YR488178 (PIN 03686-0062) DELETED BY YR531309 03686-0083 BY YR531309 DELETED BY YR526034 AS TO PIN 03720-0062 DELETED BY YR620272 AS TO PIN 03705-0060 DELETED BY YR1094555 AS TO PIN 03688-0051		
R690381	1996/12/17	CHARGE		*** COMPLETELY DELETED ***	THE TORONTO-DOMINION BANK	
R745584	2000/02/29	CHARGE		*** DELETED AGAINST THIS PROPERTY *** COLDIN, LEONARD DOUGLAS	BRODIE, NEIL OSWALD	

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
LT1565783	2000/12/21	DISCH OF CHARGE		COLDIN, BARBARA THERESA *** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK	BRODIE, TIMOTHY MICHAEL	
REMARKS: RE: R690381						
YR18146	2001/07/04	TRANSFER OF CHARGE		*** COMPLETELY DELETED *** BRODIE, NEIL OSWALD BRODIE, TIMOTHY MICHAEL	THE TORONTO-DOMINION BANK	
REMARKS: RE: R745584						
YR622255	2005/04/11	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
REMARKS: RE: R745584						
YR629146	2005/04/26	CHARGE		*** COMPLETELY DELETED *** COLDIN, BARBARA THERESA COLDIN, LEONARD DOUGLAS	SCOTIA MORTGAGE CORPORATION	
YR693108	2005/08/30	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF TRANSPORT		C
REMARKS: MULTI - PICKERING AIRPORT SITE ZONING REGULATIONS						
YR2496909	2016/06/29	TRANSFER	\$1,600,000	COLDIN, BARBARA THERESA COLDIN, LEONARD DOUGLAS	2506339 ONTARIO INC.	C
REMARKS: PLANNING ACT STATEMENTS.						
YR2496910	2016/06/29	CHARGE	\$600,000	2506339 ONTARIO INC.	COLDIN, BARBARA THERESA COLDIN, LEONARD DOUGLAS	C
YR2503713	2016/07/11	DISCH OF CHARGE		*** COMPLETELY DELETED *** SCOTIA MORTGAGE CORPORATION		
REMARKS: YR629146.						

CHAIN OF TITLE REPORT

Project # 161-06960-00/117
Address: 5452 Lakeshore Road, Ballantrae
Legal Part Lot 19 Con 8 Whitchurch
Description: as in B39390B

PIN# 03688-0061 (LT)

Searched at: Aurora
LRO #: 65

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	18 08 1849	Crown	Ronald McDONALD
38632	Deed	30 11 1850	Ronald McDonald	John M. MARSH
42370	Deed	22 11 1851	John M. Marsh	Hon. J. H. PRICE
58147	Deed	07 05 1855	Hon. J. H. Price	William S. READ
3986	Deed	26 06 1884	William S. Read	Amy GIBSON
9537	Deed	05 11 1909	Amy Gibson	Melford ROSE
16610	Deed	27 11 1935	Melford Rose	Roland PRICE & Florence PRICE
17787	Deed	01 06 1940	Roland Price & Florence Price	Richard PATRICK & Lily PATRICK
18883	Deed	29 07 1944	Lily Patrick (Surviving Jt Tenant)	Violet SHEPPARD & William James SHEPPARD

CHAIN OF TITLE REPORT

Project # 161-06960-00/117
Address: 5452 Lakeshore Road, Ballantrae
Legal Part Lot 19 Con 8 Whitchurch
Description: as in B39390B

PIN# 03688-0061 (LT)

Searched at: Aurora
LRO #: 65

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
26301	Deed	16 08 1966	Violet Sheppard & William James Sheppard	Merlin MALLETT & Vera MALLETT
39390B	Deed	06 09 1967	Merlin Mallett & Vera Mallett	Martin PINTARIC & Mary PINTARIC
YR2137243	Deed	06 06 2014	Martin Pintaric (Surviving Jt Tenant)	804481 Ontario Limited
YR2517688	Deed (Present Owner)	02 08 2016	804481 Ontario Limited	2506339 Ontario inc.

LAND
REGISTRY
OFFICE #65

03688-0061 (LT)

PAGE 1 OF 2
PREPARED FOR Bertucci1
ON 2016/09/20 AT 12:56:13

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

PROPERTY DESCRIPTION: PT LT 19 CON 8 WHITCHURCH AS IN B39390B; TOWN OF WHITCHURCH-STOUFFVILLE

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:

RE-ENTRY FROM 03688-0275

PIN CREATION DATE:

2000/03/24

OWNERS' NAMES

2506339 ONTARIO INC.

CAPACITY SHARE

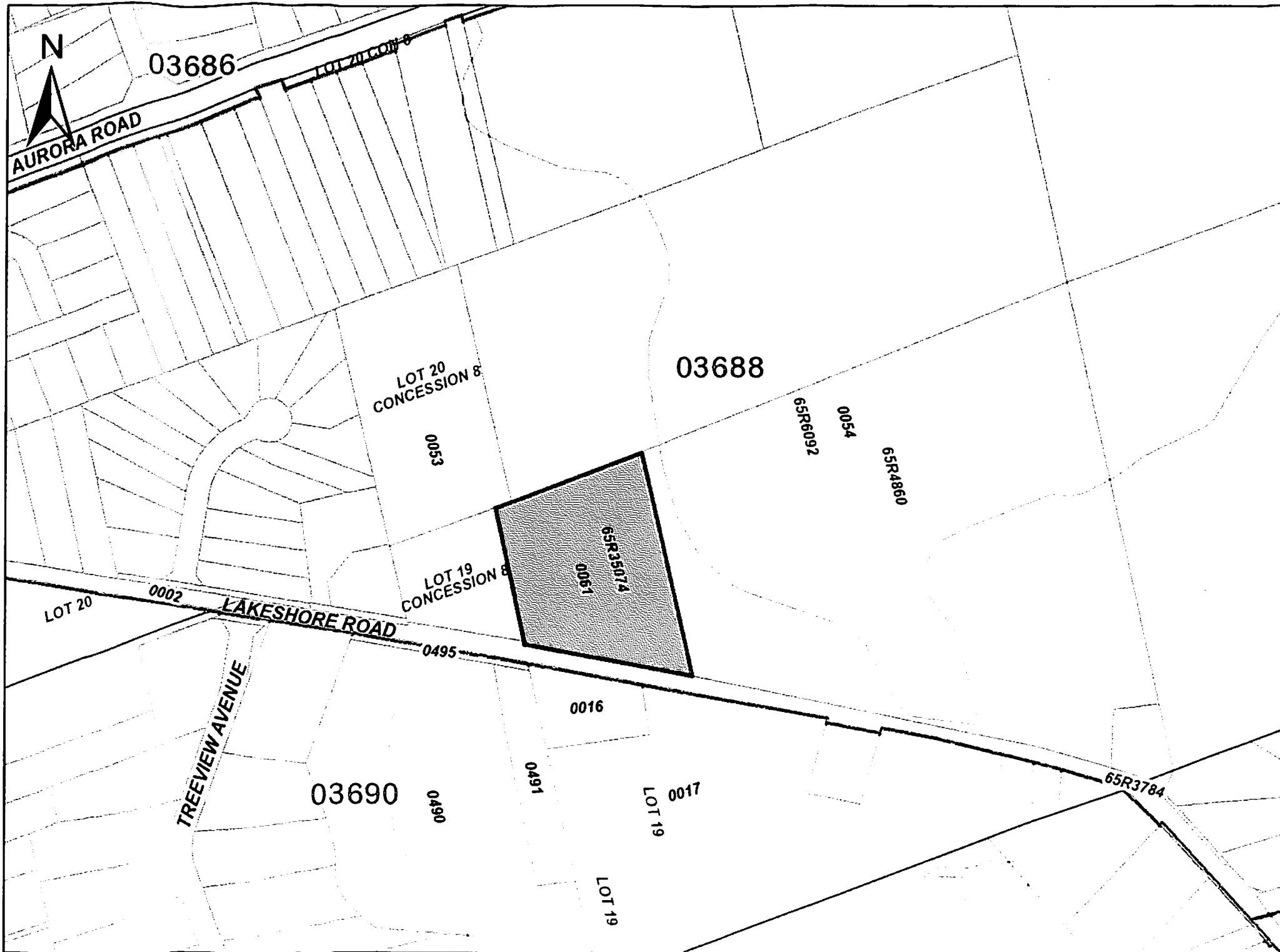
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/09/22 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 2000/03/24						
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 2000/03/24 **						
**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: 2000/03/27 **						
B39390B	1967/09/06	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	PINTARIC, MARTIN PINTARIC, MARY	
R117364	1972/03/03	ORDER		*** DELETED AGAINST THIS PROPERTY ***		
REMARKS: AFFECTS ALL/PART VARIOUS LANDS. ADDED 2001/01/02 BY DEB WALLEN, ADLR (DELETED FROM 03677-0039, 2002/08/12 AT 14:22, B. LOURENCO, DLR) DELETED BY YR164715 AS TO PIN 03682-0192 ONLY DELETED BY YR234158 DELETED BY YR488178 (PIN 03686-0062) DELETED BY YR531309 03686-0083 BY YR531309 DELETED BY YR526034 AS TO PIN 03720-0062 DELETED BY YR620272 AS TO PIN 03705-0060 DELETED BY YR1094555 AS TO PIN 03688-0051						
YR693108	2005/08/30	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF TRANSPORT		C
REMARKS: MULTI - PICKERING AIRPORT SITE ZONING REGULATIONS						

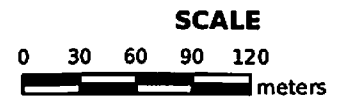
NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
YR2137217	2014/06/06	APL OF SURV-LAND		*** COMPLETELY DELETED *** PINTARIC, MARY	PINTARIC, MARTIN	
YR2137218	2014/06/06	APL (GENERAL) REMARKS: DELETE R117364		*** COMPLETELY DELETED *** PINTARIC, MARTIN		
YR2137243	2014/06/06	TRANSFER REMARKS: PLANNING ACT STATEMENTS.		*** COMPLETELY DELETED *** PINTARIC, MARTIN	804481 ONTARIO LIMITED	
YR2137244	2014/06/06	CHARGE	\$732,978	804481 ONTARIO LIMITED	PINTARIC, MARTIN DANIEL	C
YR2137245	2014/06/06	CHARGE		*** COMPLETELY DELETED *** 804481 ONTARIO LIMITED	CHEMELLO, ORESTE CHEMELLO, CARLO	
65R35074	2014/07/16	PLAN REFERENCE				C
YR2280841	2015/04/21	TRANSFER OF CHARGE REMARKS: YR2137244.		PINTARIC, MARTIN DANIEL	PINTARIC, MARTIN	C
YR2517688	2016/08/02	TRANSFER REMARKS: PLANNING ACT STATEMENTS.	\$2,700,000	804481 ONTARIO LIMITED	2506339 ONTARIO INC.	C
YR2517699	2016/08/02	DISCH OF CHARGE REMARKS: YR2137245.		*** COMPLETELY DELETED *** CHEMELLO, ORESTE CHEMELLO, CARLO		



PRINTED ON 20 SEP, 2016 AT 12:57:06
FOR BERTUCCI1



PROPERTY INDEX MAP
YORKREGION(No. 65)

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 # 161-06960-00/117
Address: 5584 Lakeshore Road, Ballantrae
Legal Part Lots 19 & 20 Con 8 Whitchurch
Description: Part 1, 65R6092

PIN# 03688-0054 (LT)

Searched at: Aurora
LRO #: 65

Page 1

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	12 10 1841	Crown	Canada Company
68684	Deed	31 07 1857	Canada Company	John PETTIT & William PETTIT
68685	Deed	31 07 1857	John Pettit & William Pettit	James TILT
68687	Deed	31 07 1857	James Tilt	William PETTIT
5646	Vesting Order	23 01 1892	High Court of Chancery	Edward J. McQUILLEN
16416	Deed	30 04 1934	Edward J. McQuillen - Estate	Robert WINDSOR
16417	Deed	30 04 1934	Robert Windsor	Milford ROSE
22654	Deed	19 01 1951	Milford Rose	Milford ROSE & Frances ROSE
22826	Deed	01 05 1951	Milford Rose & Frances Rose	William James TOPPER & Myrtle E. TOPPER

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project # 161-06960-00/117
Address: 5584 Lakeshore Road, Ballantrae
Legal Part Lots 19 & 20 Con 8 Whitchurch
Description: Part 1, 65R6092

PIN# 03688-0054 (LT)

Searched at: Aurora
LRO #: 65

Page 2

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
R296315	Easement	15 07 1982	William James Topper & Myrtle E. Topper	The Corporation of the Town of Whitchurch-Stouffville
328547	Deed	07 10 1983	Myrtle Moss (Topper) - estate William James Topper - estate	Denise Marilyn BEACH
419810	Deed	22 12 1986	Denise Marilyn Beach	Stephen LAWTON & Denise Marilyn TOPPER- LAWTON
R694545	Deed	28 02 1997	Stephen Lawton & Denise Marilyn Topper-Lawton	Richard Daniel SCHICKEDANZ & Patricia Anne SCHICKEDANZ
R701269	Deed (Present Owners)	13 06 1997	Richard Daniel Schickedanz & Patricia Anne Schickedanz	Richard Daniel SCHICKEDANZ & Patricia Anne SCHICKEDANZ - JT

LAND
REGISTRY
OFFICE #65

03688-0054 (LT)

PAGE 1 OF 2
PREPARED FOR Bertuccil
ON 2016/09/20 AT 12:57:36

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

PROPERTY DESCRIPTION: LT 19 CON 8 WHITCHURCH; PT LT 20 CON 8 WHITCHURCH PT 1, 65R6092; S/T R296315; WHITCHURCH-STOUFFVILLE

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
RE-ENTRY FROM 03688-0268

PIN CREATION DATE:
2000/03/24

OWNERS' NAMES
SCHICKEDANZ, RICHARD DANIEL
SCHICKEDANZ, PATRICIA ANNE

CAPACITY SHARE
JTEN
JTEN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/09/22 ON THIS PIN **WAS REPLACED WITH THE "PIN CREATION DATE" OF 2000/03/24** ** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 2000/03/24 ** **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: 2000/03/27 **						
R117364	1972/03/03	ORDER				C
REMARKS: AFFECTS ALL/PART VARIOUS LANDS. ADDED 2001/01/02 BY DEB WALLEN, ADLR (DELETED FROM 03677-0039, 2002/08/12 AT 14:22, B. LOURENCO, DLR) DELETED BY YR164715 AS TO PIN 03682-0192 ONLY DELETED BY YR234158 DELETED BY YR488178 (PIN 03686-0062) DELETED BY YR531309 03686-0083 BY YR531309 DELETED BY YR526034 AS TO PIN 03720-0062 DELETED BY YR620272 AS TO PIN 03705-0060 DELETED BY YR1094555 AS TO PIN 03688-0051						
65R4860	1982/03/05	PLAN REFERENCE				C
R296315	1982/07/15	TRANSFER EASEMENT			THE CORPORATION OF THE TOWN OF WHITCHURCH-STOUFFVILLE	C
65R6092	1983/06/14	PLAN REFERENCE				C
R701269	1997/06/13	TRANSFER			SCHICKEDANZ, RICHARD DANIEL	C

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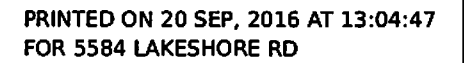
LAND
REGISTRY
OFFICE #65

03688-0054 (LT)

PAGE 2 OF 2
PREPARED FOR Bertuccil
ON 2016/09/20 AT 12:57:36

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
YR693108	2005/08/30	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF TRANSPORT	SCHICKEDANZ, PATRICIA ANNE	C
REMARKS: MULTI - PICKERING AIRPORT SITE ZONING REGULATIONS						



PROPERTY INDEX MAP
YORKREGION(No. 65)

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

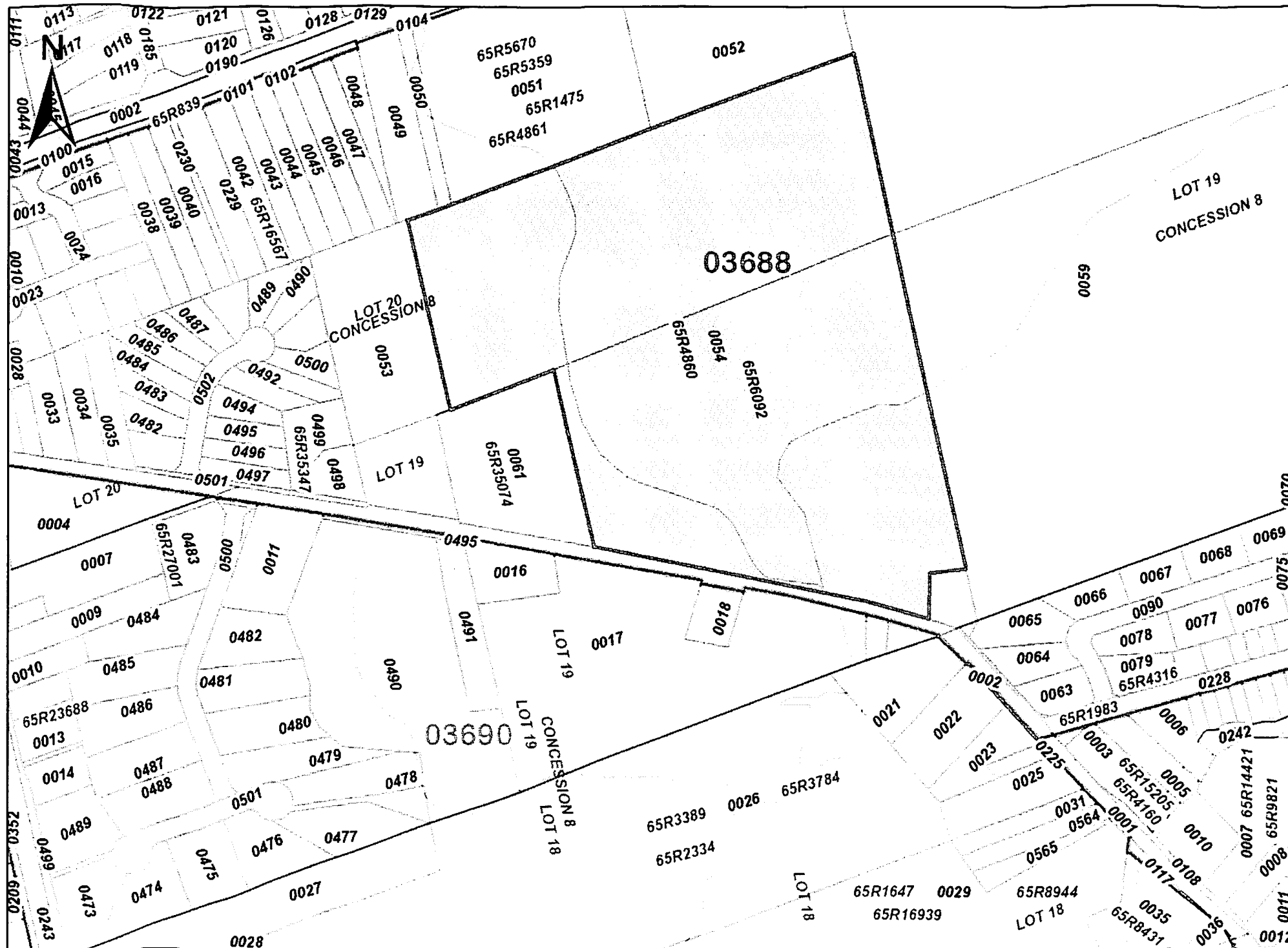
**REVIEW THE TITLE RECORDS FOR COMPLETE
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ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT
REFERENCE PLANS ARE NOT ILLUSTRATED



Ministry of the Environment
and Climate Change

Freedom of Information and
Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de
l'Action en matière de changement
climatique

Bureau de l'accès à l'information et
de la protection de la vie privée

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Télec.: (416) 314-4285



RECEIVED NOV 22 2016

October 27, 2016

Daniel Oliveira
WSP Canada Inc.
126 Don Hillock Drive
Aurora, ON L4G 0G9

Dear Daniel Oliveira:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2016-05896, Your Reference 161-06960-00 / 117

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 5426, 5452 and 5584 Lakeshore Rd, Whitchurch-Stouffville.

After a thorough search through the files of the Ministry's York-Durham District Office, Investigations and Enforcement Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. **We have applied the \$30.00 for this request from your initial payment.**

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

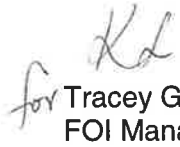
Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the search conducted at the Environmental Approvals Branch, the time for answering your request will be extended for an additional 30 days.

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

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Kaitlynne Low at kaitlynne.low@ontario.ca.

Yours truly,

for Tracey Goodwin
FOI Manager (A)