Bell Zone 3 W0034

4243 Sixth Line
Oakville, ON

Final

Phase I ESA Report

Project Location:

4243 Sixth Line, Oakville, ON

Prepared for:

Bell Mobility
Real Estate Services 6N
5099 Creekbank Road
Mississauga, ON L4W 5N2

Prepared by:

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June 10, 2020

MTE File No.: 40170-186

Engineers, Scientists, Surveyors.

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Executive Summary

MTE Consultants Inc. (MTE) was retained by Bell Mobility Inc. (Bell) to conduct a Phase I Environmental Site Assessment (ESA) of a rural property located at 4243 Sixth Line in Oakville, ON (the "Site"). The Site is located directly south of the 407 Express Toll Route and north of Burnhamthorpe Road East. The Site is described as Part Lot 15, Concession 2 Trafalgar, North of Dundas Street (as in 783783, except Part 1, PE150), Trafalgar Township, in the Town of Oakville. Compass direction described in this report is referenced to "Project North" which runs parallel to Sixth Line.

MTE understands that the Site is approximately 3.9 hectares (9.65 acres) in area and comprises a two and a half storey residential building, multiple farm related buildings and a Bell telecommunications tower (Bell Zone 3 W0034). The residence and farm buildings are currently unoccupied. Significant vandalism has occurred to the buildings on the Site, which have since been secured to prevent entry. Access is provided via a locked gate at the southwest corner of the Site, from Sixth Line. Large quantities of stockpiled soil were placed on the Site in 2018, without the owner's approval.

MTE understands that the Site is currently owned by Bell Cellular Inc., and that the Site was previously used for residential and agricultural purposes.

The surrounding properties primarily include agricultural lands and Highway 407 to the north. Significant grading and earthworks has occurred immediately east and south of the Site, in advance of a new development.

The Phase I ESA was completed in accordance with the Canadian Standards Association (CSA) document Z768-01 (R2016). The report has been issued to Bell for due diligence purposes in advance of a potential real estate transaction. MTE understands that a Record of Site Condition (RSC) is not required and has not been requested at this time.

MTE reviewed information for the Site and properties within 250 m of the Site (representing the "Study Area"), including aerial photographs, geology and hydrogeological records and mapping and Ministry of the Environment, Conservation and Parks ("MECP") database records. MTE also contacted the Regional Municipality of Halton, the Town of Oakville and provincial regulatory agencies including the MECP and Technical Standards and Safety Authority (TSSA) for information related to the Site and surrounding area.

Based on the findings of the Phase I ESA, the following actual environmental concern was identified on the Site:

- **Known Impacts in Soil:** The stockpile of reddish soil placed on the northeast portion of the Site in 2018 reportedly contains elevated concentrations of SAR, barium and hexavalent chromium. The source site of the fill material is unknown.

In addition, the following potential environmental concerns were identified:

- **Fill Material:** Unknown quality of the stockpiles of grey shale fill material placed on the Site in 2018. The source site of the fill material is unknown.
- **Fuel Storage Tank:** Reportedly, a fuel tank was formerly present on the north edge of the drive shed. MTE observed remnant infrastructure in the same location during the Site visit.
- **Pesticide Use:** Pesticides may have been applied on the former orchard and agricultural fields located on the Site and on surrounding properties.

Based on the inherent environmental risks associated with the actual and potential concerns noted above, a Phase II ESA for the Site was recommended to assess soil and groundwater quality at the Site.

Furthermore, a Designated Substances Audit (DSA) and hazardous building materials survey is recommended prior to any alterations or demolitions of any Site buildings or structures due to the potential presence of asbestos containing materials, lead based materials, polychlorinated biphenyls and ozone depleting substances. Also, on-Site septic systems and/or connections to existing water supply wells should be maintained or properly decommissioned.

The Phase I ESA Site inspection was limited to exterior portions of the Site only. The buildings were locked and secured, as they are considered unsafe to enter. Accordingly, this represents an uncertainty in the forming of report conclusions.

MTE has not received a response to the information requests submitted to the MECP or the Regional Municipality of Halton at the time of writing this report. Although the absence of this information is not likely to change the conclusions and recommendations, it is an uncertainty of the Phase I ESA.

This report does not assess geotechnical aspects of the Site, compliance with municipal by-laws or permits, or features of the natural environment.

1.0 Introduction

1.1 Site Description

MTE Consultants Inc. (MTE) was retained by Bell Mobility Inc. (Bell) to conduct a Phase I Environmental Site Assessment (ESA) of a rural property located at 4243 Sixth Line in Oakville, ON (the "Site"). The Site is located directly south of the 407 Express Toll Route and north of Burnhamthorpe Road East. The Site is described as Part Lot 15, Concession 2 Trafalgar, North of Dundas Street (as in 783783, except Part 1, PE150), Trafalgar Township, in the Town of Oakville. Compass direction described in this report is referenced to "Project North" which runs parallel to Sixth Line. Refer to **Figure 1** for a Site Location Map.

MTE understands that the Site is approximately 3.9 hectares (9.65 acres) in area and comprises a two and a half storey residential building, multiple farm related buildings and a Bell telecommunications tower (Bell Zone 3 W0034). The residence and farm buildings are currently unoccupied. Significant vandalism has occurred to the buildings on the Site, which have since been secured to prevent entry. Access is provided via a locked gate at the southwest corner of the Site, from Sixth Line. Large quantities of stockpiled soil were placed on the Site in 2018, without the owner's approval. Refer to **Figure 2** for the Site Layout and Key Features.

MTE understands that the Site is currently owned by Bell Cellular Inc., and that the Site was previously used for residential and agricultural purposes.

The surrounding properties primarily include agricultural lands and Highway 407 to the north. Significant grading and earthworks has occurred immediately east and south of the Site, in advance of a new development.

1.2 Scope of Work

The purpose of a Phase I ESA is to identify actual or potential contamination on a property, based on the evaluation of information collected through a historical records review, site visits, and interviews. The Phase I ESA was completed in accordance with the Canadian Standards Association (CSA) document Z768-01 (R2016). Tasks performed for this assignment included the following:

- Review of environmental information including published and online records from the Ministry of the Environment, Conservation and Parks (MECP)*, Ministry of Natural Resources and Forestry (MNRF), Environment and Climate Change Canada, Technical Standards and Safety Authority (TSSA), Town of Oakville and Regional Municipality of Halton;
- Review of previous reports for the Site;
- Review of physical setting information including aerial photographs, topographic maps and geologic reference materials;
- Review of an Environmental Risk Information Services Ltd. (ERIS) database report for the Site and surrounding properties;
- Review of published municipal directories and Fire Insurance Plans (FIPs) applicable for the Site area, where available;
- Interview with a person(s) knowledgeable about the Site;
- Site visit and inspection of the Site and surrounding properties;
- Preparation of a photographic log; and

- Assessment of information collected for the Site and preparation of this report.

**The Ontario Ministry of the Environment, Conservation and Parks (MECP) was previously the Ontario Ministry of the Environment (MOE) and the Ontario Ministry of the Environment and Climate Change (MOECC).*

It is noted that the northwest corner of the Site extends over the north boundary of the Town of Oakville into the Town of Milton. For the purposes of this report, MTE reviewed records pertaining to Oakville, as the municipal address of the Site and buildings on the Site are located within the Town of Oakville limits.

Cultural Heritage Studies for the Site have been undertaken by the Town of Oakville: https://www.oakville.ca/assets/2011 planning/final_4243sixth_report_3may2017.pdf

MTE understands that Phase 3 of the Cultural Heritage study is underway and further information is available by contacting Oakville's Heritage Planner at susan.schappert@oakville.ca. While MTE has accessed the available cultural heritage information with respect to historical use of the Site, the Phase I ESA does not assess the cultural heritage aspects of the Site.

This report also does not assess geotechnical aspects of the Site, compliance with municipal by-laws or permits, or features of the natural environment.

Authorization to proceed with the project was received from Mr. Robert Anderson of Bell following acceptance of MTE's proposal for services. The assignment was completed by MTE under Reference Number 40170-186. MTE understands that the Phase I ESA is being completed for due diligence purposes in advance of a potential real estate transaction.

1.3 Methodology

The "Study Area" includes properties located wholly, or partially, within 250 metres (m) from the Site. Refer to **Figure 3**. MTE conducted research and collected available information that was reasonably accessible for the Site and Study Area, through the following methods:

- Written correspondence with regulatory agencies;
- Research and review of publicly available information through on-line databases;
- Interviews by MTE staff with persons knowledgeable about the property;
- Inspection of the Site and Study Area; and
- Review of available written records, maps, figures and reports applicable to the Site.

Information was reviewed back to the first property use that may have affected the Site's environmental condition (i.e. prior to development) or to the extent that historical records allowed.

MTE has compiled a report of findings for use by Bell that has been prepared under the supervision of Ms. Carol Mitchell, P. Eng., QP_{ESA}. The qualifications of Ms. Mitchell and Ms. Kelsey Brown (responsible for conducting the records review, Site inspection and interview and report compilation) are included in **Section 6.0**.

2.0 Records Review

2.1 Historical Background

Based on information collected during the Phase I ESA, MTE understands that the Site was used for agricultural purposes from at least 1858. The Site was historically part of a larger overall 200-acre land parcel owned by the Biggar Family, who operated and farmed the land until 1985. The Site contains a Victorian style farmhouse (built 1898) with a one-and-a-half-storey frame tail (likely c.1850s), 19th century bank barn and drive shed and several other outbuildings including a milk house and aluminum sided barn. In 1985, the Site was sold to Gertrud Schulz, ending the Biggar ownership of the property. The Schulz family sold the property to Bell Cellular in 1992. It is noted that Bell had previously leased part of the land for its tower and compound prior to purchase. The Site is listed on the Register of Properties of Cultural Heritage Value of Interest (Not Designated) by the Town of Oakville, as the property has potential cultural heritage value for its historic farmstead, including the Victorian style brick farmhouse, barn and outbuildings.

In 2018, large quantities of soil were illegally dumped on the Site without Bell's knowledge. The former tenants were asked to vacate the Site by January 2020. Trespassing and significant vandalism to the buildings on the Site occurred in late March/April 2020. Following this incident, Bell secured all buildings and added locked gate access to the entrance of the Site, as well as a locked, chain link fence enclosure around the bank barn, drive shed, and aluminum sided barn, as they are considered unsafe to enter.

A copy of the Surveyor's Real Property Report, prepared by J. D. Barnes Limited, dated October 17, 2018 details the features of the Site, and is included in **Appendix C**.

2.2 Topographical, Geological and Hydrogeological Setting

The UTM coordinates of the centre of the Site were obtained from Google Earth and are approximately 600,657 m east and 4,817,039 m north (zone 17T).

An Ontario Base Map (OBM) obtained from the MNRF was reviewed for information relating to the Site and surrounding properties. A copy of the OBM is included in **Appendix A**. Based on a review of OBM No. 10 17 6000 48150, MTE notes the following:

- The OBM is based on 1982 air photography (published in 2002).
- Six buildings (including 5 small buildings and one larger building, inferred to be the bank barn) are located on the central portion of the Site, connected by an internal laneway.
- A stream and transmission lines are present to the north of the Site.
- Inferred rural residential/farm properties are located west of Sixth Line. The remaining surrounding properties appear to be agricultural and woodlot.
- Ground surface contours in the Study Area range from approximately 190 to 195 metres above mean sea level (mamsl).

The Site is located within the broad physiographic region known as the South Slope, which comprises approximately 2435 km^2 (940 square miles) from the Niagara Escarpment to the Trent River. The South Slope consists of drumlins in the Regional Municipality of Durham and large hills in Northumberland County (Chapman and Putnam, 1984).

Bedrock is expected to be approximately 10-20 metres below ground surface (mbgs) (Gao, Shirota, Kelly, Brunton, & van Haaften, 2006) and includes Middle Ordovician formations of limestone, dolostone, shale, arkose and sandstone (Armstrong & Dodge, 2007).

The depth to groundwater is expected to be greater than 4 mbgs. The groundwater flow direction is inferred to be to the west toward Sixteen Mile Creek.

2.3 Aerial Photographs

Aerial photographs for the Site and Study Area were reviewed for the period between 1934 and 2018 in approximate ten year intervals (where available at a reasonable scale). Aerial images were available through Environmental Risk Information Services, the National Air Photo Library, Oakville Maps, VuMap and Google Earth. Summaries of each photograph are described below. Select aerial photographs are included in **Appendix A**. Due to the scale and clarity of some aerial photographs, specific observations may be limited.

Year(s)	Site	Study Area
1934	The Site appears to be part of a larger overall agricultural property. A residential dwelling surrounded by trees is present on the northwest portion of the Site. Multiple farm buildings are present in the northcentral portion of the Site. The northeastern portion of the Site appears to contain multiple trees (inferred to be an orchard) and the southern portion of the Site appears to be agricultural. Multiple laneways are present through the Site. A laneway extends north from the Site and bends east toward a laneway parallel to Sixth Line, along the east Site boundary.	Sixth Line is present to the west of the Site, while a laneway running parallel to Sixth Line is present northeast of the Site. The surrounding properties appear to be agricultural. Farmsteads are present northwest and southwest of the Site.
1946	The Site appears relatively unchanged from the 1934 aerial photograph. The farm buildings (inferred to be the current bank barn, milk house, driveshed, as well as a barn structure in a similar location to the current aluminum sided barn) are present in the northcentral portion of the Site. The northeastern portion of the Site appears to have been cleared and no longer contains an orchard.	The laneway running parallel to Sixth Line on the east side of the Site extends further south and north. The remaining surrounding properties appear unchanged from the 1934 aerial photograph.
1969	The Site appears relatively unchanged from the 1946 aerial photograph.	The immediate surrounding properties appear relatively unchanged compared with the 1946 aerial photograph.
1988 (observations limited)	The Site buildings appear relatively unchanged. A pond is present in the northwest corner of the Site and a manure pit is present east of the farm buildings. A telecommunications tower appears to be present on the east central portion of the Site (in a similar location to the existing tower).	The immediate surrounding properties appear relatively unchanged compared with the 1969 aerial photograph. A laneway extending east from Sixth Line is present north of the Site.

Year(s)	Site	Study Area
1995	The Site appears relatively unchanged compared with the 1988 aerial photograph. An L-shaped barn (inferred to be the current aluminum sided barn) is located in the central portion of the Site (formerly a rectangular barn). The telecommunications tower is present on the east central portion of the Site, in what appears to be its current configuration.	The surrounding properties to the north were not included in the aerial photograph. The properties to the east, south, and west of the Site appear relatively unchanged compared with the 1988 aerial photograph.
2002	The western boundary of the Site including the Site access has been altered to accommodate the reconstruction of Sixth Line over Highway 407. Two small streams appear to originate southeast of the Site, and cross the southern portion of the Site. They appear to drain towards an invert on the west side of the Site, heading towards a stormwater management pond located south of Highway 407. The remainder of the Site appears relatively unchanged from the 1995 aerial photograph.	Highway 407 is present immediately north of the Site. North of Highway 407 is a property comprising various soil stockpiles, an interior laneway and a pond (inferred to be Petrie's Quality Topsoil Ltd.)
2007	The Site appears relatively unchanged compared with the 2002 aerial photograph.	The farmstead located northwest of the Site has been demolished. The remaining surrounding properties appear unchanged compared with the 2002 aerial photograph.
2017	The Site appears relatively unchanged compared with the 2007 aerial photograph.	The surrounding properties appear unchanged compared with the 2007 aerial photograph.
2018	Significant soil dumping has occurred on the Site, including on the central portion of the Site, immediately south of the interior laneway running west to east. Additional soil has been dumped in a U-shape around the manure pit and barn. A large pile of soil is present on the northeast corner of the Site. A small marsh area is present on the southwest portion of the Site. The on-Site buildings appear relatively unchanged compared with the 2017 aerial photograph.	Significant grading and earthworks have occurred on surrounding properties to the east and south.

Based on a review of aerial photographs, the Site appears to have been primarily agricultural since at least 1934, with a residential dwelling and associated farm buildings. A telecommunications tower, pond and manure pit were visible in 1988. In 1995, an L-shaped barn was visible south of the main barn. It is unknown whether this was an addition to the existing rectangular barn previously present, or if the former barn was demolished and a new barn was constructed. By 2005, the western boundary of the Site and access had been altered to accommodate for the construction of Highway 407 to the north and the reconstruction of Sixth Line. In 2018, a significant amount of soil dumping was visible on the central and northeast portions of the Site.

Based on the review of historical aerial photographs, the surrounding properties appear to have been primarily agricultural from 1934 until 2018 when significant grading and earthworks was visible on properties to the east and south.

2.4 Municipal Directories

Municipal directories were not available due to the rural location of the Site.

2.5 Fire Insurance Plans and Inspection Reports

Fire Insurance Plans (FIPs) were developed between 1875 and 1923 and were revised in some areas until the 1970s. FIPs typically illustrate building construction, occupancy and potential fire hazards and may provide information regarding environmental concerns such as storage tanks, transformers, boilers and electrical rooms.

MTE reviewed the *Catalogue of Canadian Fire Insurance Plans, 1875-1975* for FIPs in the area. Due to the rural location of the Site, there were no available FIPs for the Study Area.

2.6 Environmental Risk Information Services (ERIS) Report

MTE contacted ERIS, an environmental database and information service company, to request a search of government (federal and provincial) and private records for information pertaining to the Site. There were no records available for the Site.

Various unplottable records were provided in the ERIS report. Upon review of these records, they do not represent a potential environmental concern to the Site. A copy of the ERIS report dated May 27, 2020 is provided in **Appendix B**.

2.7 Environmental Regulatory Agencies and Utilities

MTE consulted and reviewed available records with applicable regulatory agencies, as summarized below. Copies of the search results and records are maintained on file with MTE. Pertinent records are included in **Appendix C.**

Provincial

Technical Standards and Safety Authority (TSSA): The TSSA was contacted for electronic database information concerning underground storage tanks (USTs) or aboveground storage tanks (ASTs) for the Site and select surrounding properties with available municipal addresses.

A response was received on May 8, 2020 indicating that no electronic records were found for the Site or the selected surrounding properties within the Study Area.

MECP Freedom of Information (FOI): An FOI request was submitted to the MECP on May 19th, 2020 for information regarding environmental concerns relevant to the Site. A response has not been received from the MECP at this time. Any pertinent information that may alter the conclusions of the Phase I ESA will be forwarded to the Client upon receipt.

MECP Inventory of Coal Gasification Plants, Coal Tars & Related Tars, Waste Disposal Inventory, and Ontario PCB Inventory

MTE completed an electronic listing query from the following historical databases using the Site UTM coordinates and a search radius of 250m.

MECP Inventory of Coal Gasification Plant Waste Sites in Ontario (April 1987): The Site has not been used for the gasification of coal. No coal gasification plants were identified within 250 m of the Site.

MECP Inventory of Industrial Sites Producing Coal Tars and Related Tars in Ontario: The production and use of coal or other tars has not taken place at the Site or within 250 m of the Site.

MECP Waste Disposal Inventory: There are no 'active' or 'closed' landfills registered on the Site or within 250 m of the Site.

MECP PCB Storage Sites: There were no PCB Storage Sites identified within the 250 m of the Site.

MECP Access Environment: MTE reviewed the MECP online Access Environment database for any Certificate of Approval (C of A), Environmental Activity and Sector Registry (EASR) and Environmental Compliance Approval (ECA) records for the Site or properties within the Study Area. No records were identified within the Study Area.

MECP Environmental Registry: MTE reviewed the Environmental Registry online platform. No records were found for the Site or Study Area.

MECP Brownfield Environmental Site Registry: MTE searched the Brownfield Environmental Site Registry for any Records of Site Condition (RSCs) filed within 250 m of the Site. No RSC records were identified for the Site or Study Area.

MECP Hazardous Waste Information Network (HWIN): MTE searched the HWIN online database for any active registrations for the Site and properties within the Study Area. No HWIN records were identified for the Site or Study Area.

MECP Water Well Records Inventory: The MECP Well Record database is a web-based system that provides water well information including the well depth, date of completion and location.

There was one well record for the Site and nine records for the Study Area. The on-Site record was for the abandonment of a 2.7 m well in 1996. The original well record was unavailable.

The records for the Study Area were as follows:

- 4182 Sixth Line (southwest of the Site) had record of two livestock wells installed in 1959 and 1970 to depths of 22.6 and 19.5 m, respectively. Stratigraphy was noted as clay and sand underlain by red shale encountered at depths of 15.2 and 16.8 mbgs.
- 4321 Sixth Line (north of the Site) had record of one domestic water supply well installed in 1986 to a depth of 24.4 m. Stratigraphy was noted as clay and sand underlain by red shale at 18.3 mbgs.
- One abandonment record for an 8.2 m well in 1996 was located south of the Site.
- Five observation wells located south of the Site were installed between 2001 and 2016, to depths ranging from 9.1 to 14.9 mbgs. Stratigraphy was noted as clay, silt and sand.

Federal

Environment Canada National Pollution Release Inventory (NPRI): The NPRI requires companies to report information on releases and transfers of pollutants to the Government of Canada on an annual basis. MTE reviewed the NPRI for information pertaining to the Site and Study Area. No records were listed for the Site or within the Study Area.

Federal Contaminated Sites Inventory: MTE reviewed the inventory for any Federal Contaminated Sites located on-Site or within the Study Area. Based on a review of the inventory, neither the Site nor surrounding properties were listed.

2.8 Company Records

MTE reviewed a letter to Gertrud Schulz and Christine Schulz, prepared by Bell Mobility Inc., dated December 4, 2019.

The letter describes details of the lease between the tenant and Bell Mobility Inc., the illegal dumping that took place on the property, and the termination of the lease:

> *It is noted that Henrich Otto Schulz and Gertrud Schulz were the former owners of the Site. They became tenants when Bell purchased the Site in 1992. Christine Schulz is the daughter of Henrich and Gertrud Schulz. Henrich passed away in 2014 and Gertrud is currently living at Wyndham Manor in Oakville. Upon Henrich's death, Gertrud became the sole tenant.*
>
> *In 2012, Henrich Otto Schulz hired Anna Ally as an employee to assist with the egg-sorting business on the Site. As an employee of the tenant, Anna Ally entered into an agreement with Everett Development Group ("Everett"), without the consent of Bell, whereby Anna Ally permitted Everett to illegally dump a substantial amount of soil on the Site. The illegal dumping has caused Bell significant damages.*
>
> *Bell terminated the lease with the tenant as of January 4, 2020. It was also noted that some of the structures on the Site appear to be unsafe for entry, and could be dangerous/life threatening if entered.*

2.9 Previous Reports

MTE reviewed the following reports pertaining to the Site.

"Geotechnical Investigation, Two Microwave Towers, 5201 Explorer Drive, Mississauga, Ontario, and 6th Line and Lower Base Line, Oakville, Ontario for GM Telecom Inc.", prepared by Peto MacCallum Ltd. Consulting Engineers, dated July, 1988.

The report was prepared to confirm the founding soil conditions for the increased loading of an existing triangular self-supporting tower on three spread footings in Oakville. The field work consisted of three boreholes to 2.44 m, 3.51 m and 10.82 m located in close proximity to the tower footings.

The stratigraphy was typically noted as brown sand and gravel fill to a maximum depth of 2.44 m, underlain by two clayey silt till units. The upper till unit comprises a very stiff brown clayey silt. With increasing depth, it becomes grey with reddish streaks. The lower till unit comprises a very hard reddish brown clayey silt with some gravel. No free water was noted in the boreholes, though the sampler was wet at about 9.14 m.

The report concluded that the vertical capacity is adequate, however, for both uplifting and overturning, the uncompacted state of the granular backfill provides an insufficient factor of safety. The technical solution would be to excavate and replace granular fill in 300 mm lifts, compacted to 98% Standard Proctor maximum dry density while stabilizing the tower with guy wires during the work. Alternatively, it may be feasible to add more fill above ground for uplift resistance and provide structural solution for the horizontal loading.

"Geotechnical Investigation Report, Existing Self Support Tower, 6th Line, Oakville, Ontario, Cell Site 34", prepared by Lawrence, Flemming and Associates Limited, Consulting Engineers, dated January 12, 1994.

The report indicated that there is an existing self support tower and associated shelter building in a fenced compound. It was also noted that three concrete piers from an old tower (described in Peto MacCallum's report above, and since dismantled) were located just east of the shelter. This report was prepared to discuss the design to strengthen the foundations of the existing tower by drilling three caissons (to depths of about 11.5 m).

Three boreholes were drilled in the area of the existing self support tower to depths. Boreholes 1 and 3 were drilled to depths of about 12 m. Borehole 2 was drilled beside an existing old pier to determine the foundation type of the dismantled tower.

The stratigraphy at boreholes 1 and 3 was generally described as topsoil overlying brown sandy silt fill to about 0.9 m depth. Below the fill is a dense to compact, brown to grey sandy silt till to a maximum depth of about 8.8 m. Below the silt till is a grey to reddish brown sandy to clayey silt grading to silty sand which is moist and very dense. The silt till was moist to slightly wet below 4 m depth at Borehole 1 and 4.6 m depth at Borehole 3. The stratigraphy at Borehole 2 comprises 1.5 m of granular fill overlying loose, brown and wet sandy silt fill. Refusal was encountered at 2.6 m, likely on a concrete spread footing from the old tower. Boreholes 1 and 3 were open and dry at the completion of drilling. For design purposes, the long term water table was inferred at 4.0 and 4.6 m depth at Borehole 1 and 3, respectively.

The report concluded that augering the caisson holes within the very dense silt till below 9.5 m depth will be difficult and very slow. The old spread footing will have to be removed prior to drilling of the caisson closest to the old pier.

"Cultural Heritage Landscape Strategy Implementation – Phase II: Cultural Heritage Evaluation Report, 4243 Sixth Line, Oakville, Ontario", prepared by Letourneau Heritage Consulting Inc., dated May 2017.

A cultural heritage evaluation report was prepared for 4243 Sixth Line, historically known as the Biggar Farms, and more recently, Schulz Farm. The property comprises a square parcel of land directly south of the 407 Express Toll Route and north of Burnhamthorpe Road East. The property is owned by Bell Canada.

The report included an 1858 Halton County Map and an 1877 map of Trafalgar South, showing the Site as part of a larger overall property, denoted as Michael Bigger (also referred to as Biggar), and comprising Lot 15, Concession 2. The 1877 map depicted a residential dwelling surrounded by an orchard in a similar location to the existing dwelling and farm buildings on the Site.

The large property has a Victorian style farmhouse (built 1898) with a one-and-a-half-storey frame tail (likely c.1850s), 19th century bank barn and drive shed and several other outbuildings. There are open fields to the east and south, 407 Express Toll Route to the north, and Sixth Line to the west. It has a large cellular tower on site. The property was owned by one of the first settlers of Trafalgar Township, the Biggar family. They operated and farmed the land until 1985.

The Site was historically part of a large 200-acre land parcel associated with the Biggar family, which had a prosperous agricultural operation. The report provides a detailed description of the exterior and interior construction details of the dwelling and outbuildings on the Site. The report also provides a detailed history of the ownership of the property. In 1985, the Site was sold to Gertrud Schulz, ending the Biggar ownership of the property. The Schulz family sold the property to Bell Cellular in 1992 and a large tower was erected.

Letourneau Heritage Consulting Inc. accessed the property on September 10, 2015 & November 10, 2016. MTE notes that a figure documenting an old fuel pump in proximity to the northern exterior of the drive shed outbuilding was included in the report, however no discussion around the fuel pump was provided.

The property is listed on the Register of Properties of Cultural Heritage Value of Interest (Not Designated) under Section 27 of the Ontario Heritage Act. The property has potential cultural heritage value for its historic farmstead, including the Victorian style brick farmhouse, barn and outbuilding. This area is zoned Parkway Belt Agriculture.

"Fill Stockpile Characterization, 4243 Sixth Line, Oakville, Ontario", Work plan prepared by Stantec Consulting Ltd., dated February 28, 2018.

Stantec Consulting Ltd. (Stantec) provided Bell with a work plan and cost estimate to complete environmental quality characterization of stockpiled soil that has been placed at the Site. The soil was placed by others and reportedly originated from a development underway at the northeastern corner of Trafalgar Road and Dundas Street East in Oakville, Ontario. Stantec understands that Bell wishes to characterize soil quality to determine acceptability for off-site management of the soil.

Stantec visited the Site on February 27, 2018 and observed one stockpile of reddish brown silty clay with some weathered shale in the northeastern corner of the Site. The stockpile had a footprint of approximately 2,000 m^2 and the height of the stockpile varied between approximately 1 m and 4 m. Stantec has assumed the stockpile has a volume of approximately 6,000 m^3.

A stockpile of apparent grey shale was observed to have been placed southwest of the silty clay stockpile with a footprint of approximately 400 m^2 and an approximate volume of 400 m^3, and similar material appeared to have been placed on the agricultural field to the southeast of the access road to the Bell communication tower compound within the Site. A cursory review indicated that this material mainly contained grey shale and did not contain significant amounts of soil. Stantec indicated that the shale pile would not be sampled, since there are no environmental quality criteria for rock.

Stantec proposed that soil samples be collected from up to 10 locations within the stockpile with the use of a stainless-steel and auger, shovel, and/or hand trowel, and be screened in the field using an RKI Eagle II, or equivalent, portable gas detector operated in methane-elimination mode and calibrated to hexane and isobutylene. At each of the 10 sampling locations, soil sub-samples are to be collected from 5 discrete locations and composited in the field into one sample for non-volatile analyses (i.e., metals, inorganics and polycyclic aromatic hydrocarbons [PAHs]).

Stantec proposed that the following soil analyses be completed:

- 10 soil samples for metals, inorganics, and PAHs
- 5 soil samples for VOCs and PHC fractions 1 to 4 (PHC F1 to F4)
- 1 duplicate soil sample for metals, inorganics, PAHs, VOCs and PHC F1 to F4 for quality control purposes.

Samples are to be submitted to Maxxam Analytics. Upon receipt of the laboratory analytical results, Stantec will prepare a comparison table that compares the soil quality with site condition standards (SCS) listed in the MOECC document Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, specifically Table 1 SCS (background) and Table 2 SCS, which are applicable to sites in a potable groundwater condition, with a residential land use.

The comparison table will be accompanied by a brief letter summarizing the findings of the stockpile characterization program. These results will be used to suggest appropriate management options for the tested soil.

"Results of Environmental Quality Characterization of Stockpiled Soil at 4243 Sixth Line in Oakville, Ontario", prepared by Stantec Consulting Ltd., dated March 26, 2018.

Stantec completed sampling of the stockpiled soil that had been placed on the Site, based on the program described in the work plan above. On March 5, 2018, soil samples (SP1 to SP10) were collected from 10 locations, from the upper 0.6 m of the stockpiled soil. Stantec reported that no unusual odour or staining was observed in the samples. The soil samples were submitted for analysis of metals and selected inorganic parameters (including free cyanide, electrical conductivity (EC), and sodium adsorption ratio (SAR)), PAHs, PHC fractions F1 to F4 and VOCs.

The sample results were compared to the soil site condition standards (SCS) established in the Ontario Ministry of the Environment and Climate Change (MOECC) 2011 document Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act referenced by Ontario Regulation 153/04 (O.Reg.153/04).

The results were compared to both the Table 2 Full Depth Generic soil SCS in a Potable Ground Water Condition for residential/parkland/institutional property use (Table 2 SCS) and the Table 1 Full Depth (background) soil SCS for residential/parkland/institutional/industrial/ commercial/community property use (Table 1 SCS).

Concentrations of the parameters analyzed were reported to be less than the Table 1 and Table 2 SCS in the soil samples submitted for laboratory analysis, with the following exceptions:

Table 1 SCS exceedances included SAR in soil sample SP3, barium in soil sample SP10 and chromium (Hexavalent) in soil sample SP9. Table 2 SCS exceedances included SAR in soil sample SP3.

Stantec concluded that given that the concentrations of SAR, barium and hexavalent chromium in at least one soil sample collected from the stockpiled soil at the Site exceed the soil Table 1 SCS, the soil is not considered to be 'inert' and is therefore not exempt from regulations and guidelines that pertain to excess fill management.

Off-site management of this material can be considered in accordance with the guidance provided in the MOECC 2014 document Management of Excess Soil – A Guide for Best Management Practices (Best Management Practices), and according to further guidance and regulations developed by the MOECC for excess soil, as applicable.

Based on the analytical results, options for off-site disposal at another receiving facility should be managed under the guidance of a Qualified Person for Environmental Site Assessment (QPESA), as defined by the MOECC, in order to determine whether the soils are suitable for re-use at the selected property. Further, given that the SAR is greater than the Table 2 SCS (which are considered applicable to the Site), Stantec recommends that confirmatory surficial soil sampling for SAR be conducted beneath the stockpiled soil once the material has been removed from the Site.

2.10 Other Regulatory Agencies

2.10.1 Conservation Halton

MTE reviewed Conservation Halton on-line maps for information regarding natural features on the Site and in the Study Area. The following pertinent information was noted:

- The Site is located within the Sixteen Mile Creek Watershed.
- The Site is not located within an Ecologically Significant Area.
- The Site is located within an Urban Area.
- The Site is not located within a Niagara Escarpment Designation.
- The Site is located within a Source Water Protection Area.
- The Site is not located within a Highly Vulnerable Aquifer or Significant Groundwater Recharge Area.

2.10.2 Ministry of Natural Resources and Forestry (MNRF)

MTE reviewed the MNRF online Natural Heritage mapping for information related to natural heritage features, Areas of Natural and Scientific Interest (ANSIs), and Provincially Significant Wetlands (PSWs) that may be present within the limits of the Site or Study Area.

The MNRF mapping tool identified no ANSIs, PSWs, or waterbodies on the Site. Wooded areas containing PSWs are located at the eastern and southeastern extents of the Study Area. A Natural Heritage System containing East Sixteen Mile Creek is located approximately 170 m west of the Site.

There are no ANSIs in the Study Area; however, a review of open data available through the Ontario GeoHub indicates that a Candidate Life Science ANSI is located approximately 180 metres east of the Site. The Candidate ANSI has been identified and recommended for protection by the MNRF, but has not been formally confirmed through the confirmation procedure.

2.10.3 Regional Municipality of Halton

Information Request

A written request was submitted to the Regional Municipality of Halton, Planning Department on May 14, 2020 for information regarding environmental concerns relevant to Site. A response has not been received from the Regional Municipality of Halton at this time. Any pertinent information that may alter the conclusions of the Phase I ESA will be forwarded to the Client upon receipt.

Official Plan

MTE reviewed the Region Official Plan (ROP) for the Regional Municipality of Halton (June 19, 2018 Consolidation) for information pertaining to the Site. The ROP is a long-term plan used to assist the municipality in managing growth and development. Information pertaining to the Site is as follows:

- The Site is located within an Urban Area and an Employment Area (Map 1);
- The Site is not located within a Greenbelt Plan Protected Countryside Area or Niagara Escarpment Plan Area (Map 1A);
- The Site is not located within a Municipal Wellhead Protection Zone (Map 1D);

- The Site is not located within an Agricultural Area or a Mineral Resource Extraction Area Map 1E);
- The Site is not located within a Greenbelt and Regional Natural Heritage Systems Key Feature (Map 1G); and
- The Site is located south of Highway 407 (Provincial Freeway) and north of a Proposed Major Arterial road (Map 3).

2.10.4 Town of Oakville

A written request was filed with the Town of Oakville, Planning Department on May 14, 2020 for information regarding any environmental records associated with the Site.

A response was received from Lesley Gill Woods, Planning Services at the Town of Oakville on May 25, 2020. Ms. Woods indicated that the property (the Biggar Farm) was identified as a significant cultural heritage landscape as part of the town's Cultural Heritage Landscape (CHL) Strategy. Ms. Woods provided links to reports completed by the Town of Oakville, which were reviewed and summarized in Section 2.9 of this report.

A written request was also filed with the Town of Oakville, Building Department on May 29, 2020. A response was received from Jeffrey Lee, Research Policy Analyst, Development Engineering on May 29, 2020, asking that the request be sent to the Freedom of Information office. These requests are typically processed within 30 days. Based on the timeline of the Phase I ESA, MTE did not submit a formal request.

A copy of the responses from the Town of Oakville are provided in **Appendix C**.

2.11 Site Sensitivity

Conditions (Part IX Sections 41 and 43.1 of Ontario Regulation 153/04 (as amended)	**Present**			**Information Source**
	Yes	**No**	**Unknown**	
The Site includes, is adjacent to, or is within 30 m of, an area of natural significance		X		*MNRF online mapping*
The soil at the Site has a pH value outside of the prescribed range			X	
The Site is a shallow soil property		X		*Previous geotechnical reports for the Site*
The Site includes, is adjacent to, or is within 30 m, of a water body.			X	*Aerial photographs and site inspection on May 27, 2020*
The Site is not considered to be environmentally sensitive; however, the Site may be located within 30 m of a water body. Further assessment of the small on-Site streams and marsh area, as well as the on-Site pond would be required to determine if these features are intermittent and/or connected to surface water bodies off-Site.				

3.0 Site Reconnaissance and Interview

3.1 Site Visit

A Site visit was completed on May 27, 2020, by Ms. Carol Mitchell, P.Eng., QP_{ESA} and Ms. Kelsey Brown, B.E.S. of MTE. Weather conditions were sunny and the temperature was approximately 28°C. The Inspection Report is included in **Appendix D**. A photographic log of the Site and adjacent properties taken at the time of the Site visit are included in **Appendix E**.

It is noted that MTE did not have access to the buildings on-Site, as they have been boarded up and secured. Furthermore, a locked, chain-link fence was present around the bank barn, drive shed, and aluminum sided barn, therefore MTE could not walk around the entirety of each building. The exteriors of the aforementioned buildings were observed from a distance. These limitations represent an uncertainty in the forming of report conclusions.

3.2 Interview

MTE conducted an interview on May 13, 2020 with Mr. Robert Anderson, real estate advisor for the owner of the Site. The interview questionnaire is provided in **Appendix D**. The following is a summary of pertinent information provided by Mr. Anderson:

- Mr. Anderson has been familiar with the property since January 2020.
- Bell Cellular Inc. (now Bell Mobility) has owned the Site since 1992. Bell originally leased the Site in 1990 prior to purchase. The Site was previously owned by Henrich Otto Schulz and Gertrud Schulz. Gertrud Schulz remained a tenant at the Site until 2019. The Site buildings are not currently occupied by any tenants.
- Mr. Anderson was unsure of the current and former heating systems used on the Site.
- Mr. Anderson indicated that the tower compound contains an air conditioning unit, a self contained, trailer mounted back-up diesel generator and a battery rack located within a shelter (short term back-up for equipment).
- The basement of the residential dwelling has water damage, and presumably mould issues.
- Based on the age of the buildings, there may be designated substances present. Bell has no record of any removal activities.
- Mr. Anderson was unsure of the presence or location of any water wells or septic systems on the Site.
- The Site was previously used for agricultural purposes, including a chicken coop and general crops. There are no current farming practices on the Site. Mr. Anderson is unsure whether pesticides were used.
- Mr. Anderson does not know whether any fuel storage tanks have been removed in the past.
- Fill material has been illegally brought to and deposited on the Site, as described in the Stantec letter report.
- A trespassing/vandalism incident occurred in late March/April 2020, which caused Bell to board up and secure all buildings. A locked gate at the entrance of the Site was also installed.

- Mr. Anderson indicated that the Site is currently landlocked as a result of expropriation by the Ministry of Transportation (MTO) at the time Highway 407 was constructed to the north. A portion of the west side of the Site, in proximity to the residence, was taken from by the MTO and built up to allow Sixth Line to be reconstructed as an overpass. The original access to Site (immediately south of the residence) was rerouted along the southwest Site boundary. These changes also resulted is a significant difference in elevation between Sixth Line and the northwest portion of the Site.

4.0 Evaluation of Phase I ESA Findings

4.1 Site History and Description

Based on information collected during the Phase I ESA, MTE understands that the Site was used for agricultural purposes from at least 1858. The Site was historically part of a larger overall 200-acre land parcel owned by the Biggar Family, who operated and farmed the land until 1985. The Site contains a Victorian style farmhouse (built 1898) with a one-and-a-half-storey frame tail (likely c.1850s), 19th century bank barn and drive shed and several other outbuildings including a milk house and aluminum sided barn. In 1985, the Site was sold to Gertrud Schulz, ending the Biggar ownership of the property. The Schulz family sold the property to Bell Cellular in 1992. It is noted that Bell had previously leased part of the land for its tower and compound prior to purchase. The Site is listed on the Register of Properties of Cultural Heritage Value of Interest (Not Designated) by the Town of Oakville, as the property has potential cultural heritage value for its historic farmstead, including the Victorian style brick farmhouse, barn and outbuildings.

In 2018, large quantities of soil were illegally dumped on the Site without Bell's knowledge. The former tenants were asked to vacate the Site by January 2020. Trespassing and significant vandalism to the buildings on the Site occurred in late March/April 2020. Following this incident, Bell secured all buildings and added locked gate access to the entrance of the Site, as well as a locked, chain link fence enclosure around the bank barn, drive shed, and aluminum sided barn, as they are considered unsafe to enter.

4.2 Utility Services

4.2.1 Stormwater/Water Well/Wastewater/Sewage Disposal

MTE observed what may have been a septic system servicing the residential dwelling on Site.

During the Site visit, MTE did not observe a private water well.

4.2.2 Electricity, Heating and Cooling

MTE did not enter any buildings, and therefore did not observe the current heating sources. An air conditioning unit was formerly located at the residential dwelling. An air conditioning unit is present within the tower compound. Overhead hydro poles are present through the central portion of the Site, running west to east from Sixth Line. All buildings on-Site and the telecommunications tower are serviced with overhead hydro. Two pole mounted transformers were observed during the Site inspection.

4.2.3 Floor Drains and Sumps

MTE did not enter any buildings, and therefore did not observe any floor drains or sumps on the Site.

4.2.4 Pits and Lagoons

MTE observed a manure pit located on the east central portion of the Site. Fill material has been dumped on top of the manure pit, covering the eastern three-quarters of the pit.

A pond was observed in the northwest portion of the Site. The pond may be man-made and was first observable on the 1988 aerial photograph.

4.2.5 Mechanical/Hydraulic Equipment

MTE did not observe any mechanical or hydraulic lift equipment on the Site.

4.3 Aboveground and Underground Storage Tanks (ASTs/USTs)

MTE observed the self-contained standby diesel generator located in the tower compound. Reportedly, a fuel tank was formerly present on the north edge of the drive shed. Remnant infrastructure in the same location was observed during the Site visit, however this was located within the locked, chain-link fence area and therefore could not further be inspected.

4.4 Chemical Use and Storage

MTE did not observe any evidence of chemical use or storage on the Site.

4.5 Solid Waste

MTE observed small quantities of tires, scrap metal and wood around the exterior of the milk house and drive shed, as well as east of the tower compound.

4.6 Hazardous and Liquid Waste

MTE did not observe any evidence of hazardous or liquid waste being stored on the Site.

4.7 Unidentified Substances or Odours

MTE did not observe any unidentified substances or detect any unusual odours at the time of the Site visit.

4.8 Fill Materials

During the Site inspection, MTE observed three distinct stockpiles of soil on the Site. The first pile comprised a grey shale material located on the central portion of the Site, immediately south of the interior laneway running west to east, with an estimated volume of 1,050 m^3. The second pile comprised a grey shale material located on the north central portion of the Site, in a U-shape, extending from the manure pit around the exterior of the bank barn, with an estimated volume of 1,170 m^3. The third pile comprises a reddish soil located on the northeast potion of the Site, with an estimated volume of 6,000 m^3. The approximate footprints of the piles are shown on **Figure 2**.

4.9 Air Emissions

MTE did not observe any equipment currently generating air emissions on the Site.

4.10 Fires

MTE did not observe any evidence of a fire or open burning on the Site.

4.11 Spills and Releases

MTE did not observe any evidence of spills or releases on the Site.

4.12 Stained Materials or Stressed Vegetation

MTE did not observe any staining or indications of stressed vegetation.

4.13 Flooding and Drainage

Stormwater either infiltrates to the ground or flows overland off-Site to the west. A marsh area was observed on the southwest portion of the Site. Reportedly, the basement of the residence is flooded.

4.14 Hazardous Substances and Special Attention Items

Based on the age, there may be designated substances within the Site buildings. These designated substances may include asbestos, lead, ozone depleting substances (ODS), polychlorinated biphenyls (PCBs), mercury, urea formaldehyde foam insulation (UFFI) or mould.

4.14.1 Radon Gas

Radon is a naturally occurring radioactive gas that is odourless and colourless. It is formed by the natural breakdown of uranium in soil and bedrock containing deposits of uranium, granite, coal or black shale. Radon may enter a building through cracks and penetrations in concrete foundations, earth floors, wall-slab joints, drains and sumps or sewers. In enclosed indoor spaces, such as a basements and crawlspaces, radon gas can accumulate. The presence of radon can only be confirmed through sampling. No radon sampling was completed as part of this Phase I ESA.

4.14.2 Noise and Vibration

The effects of noise and vibration on human health vary according to the susceptibility of the individual exposed, the nature of the noise/vibration and whether exposure occurs in the working environment or in the homes.

No major or persistent sources of noise and/or vibration were identified to be present on or adjacent to the Site at the time of the Site Inspection. The adjacent Highway 407 may be considered to be a persistent source of noise. No noise or vibration testing was performed as part of this assessment.

4.14.3 Electric and Magnetic Fields

No high voltage transmission lines were observed adjacent to the Site. Although electromagnetic fields are assumed to be generated from overhead hydro lines, no testing was performed as part of this assessment.

4.15 Surrounding Properties

Surrounding lands were observed from accessible areas of the Site and public roadways during the Site visit. Surrounding land uses are summarized as follows:

Bearing	Description	Potential for contamination
North	The Site is bordered to the north by agricultural field and Highway 407.	These properties are not considered to be a potential environmental concern.
East	The Site is bordered to the east by a former agricultural field which is currently undergoing grading and site preparation for a new development.	These properties are not considered to be a potential environmental concern.
South	The Site is bordered to the south by a former agricultural field which is currently undergoing grading and site preparation for a new development.	These properties are not considered to be a potential environmental concern.
West	The Site is bordered to the west by Sixth Line.	These properties are not considered to be a potential environmental concern.

5.0 Conclusions

MTE reviewed information for the Site and properties within 250 m of the Site (representing the "Study Area"), including aerial photographs, geology and hydrogeological records and mapping, Ministry of the Environment, Conservation and Parks ("MECP") database records and previous reports.

Based on the findings of the Phase I ESA, the following actual environmental concern was identified on the Site:

- **Known Impacts in Soil:** The stockpile of reddish soil placed on the northeast portion of the Site in 2018 reportedly contains elevated concentrations of SAR, barium and hexavalent chromium. The source site of the fill material is unknown.

In addition, the following potential environmental concerns were identified:

- **Fill Material:** Unknown quality of the stockpiles of grey shale fill material placed on the Site in 2018. The source site of the fill material is unknown.
- **Fuel Storage Tank:** Reportedly, a fuel tank was formerly present on the north edge of the drive shed. MTE observed remnant infrastructure in the same location during the Site visit.
- **Pesticide Use:** Pesticides may have been applied on the former orchard and agricultural fields located on the Site and on surrounding properties.

Based on the inherent environmental risks associated with the actual and potential concerns noted above, a Phase II ESA for the Site was recommended to assess soil and groundwater quality at the Site.

Furthermore, a Designated Substances Audit (DSA) and hazardous building materials survey is recommended prior to any alterations or demolitions of any Site buildings or structures due to the potential presence of asbestos containing materials, lead based materials, polychlorinated biphenyls and ozone depleting substances. Also, on-Site septic systems and/or connections to existing water supply wells should be maintained or properly decommissioned.

The Phase I ESA Site inspection was limited to exterior portions of the Site only. The buildings were locked and secured, as they are considered unsafe to enter. Accordingly, this represents an uncertainty in the forming of report conclusions.

MTE has not received a response to the information requests submitted to the MECP or the Regional Municipality of Halton at the time of writing this report. Although the absence of this information is not likely to change the conclusions and recommendations, it is an uncertainty of the Phase I ESA.

This report does not assess geotechnical aspects of the Site, compliance with municipal by-laws or permits, or features of the natural environment.

6.0 Qualifications of Assessors

As required by CSA Standard Z768-01 (R2016), an appropriate combination of formal education, skills, experience and training is required in order to provide a technically sound and rational Phase I ESA. The key participants involved in performing the components of the Phase I ESA are Ms. Carol Mitchell, P. Eng., QP_{ESA} and Ms. Kelsey Brown, B.E.S.

Ms. Mitchell is a Licensed Professional Engineer with over 30 years of experience in the environmental engineering industry. She is a graduate of Queen's University in Engineering Chemistry. She has provided clients with solutions to various environmental challenges and has gained extensive experience in: Multi-Site Phase I & II Environmental Site Assessments (ESA); Soil and Groundwater Remediation, Property Decommissioning, Designated Substance Surveys. Her specific roles have included Senior Environmental Engineer, Division (Environmental) Manager for a geotechnical firm; Corporate Environmental Engineer (operations and decommissioning for large chemical manufacturer), Corporate Chemical Emergency Responder and Safety Leader. Ms. Mitchell is registered as a Qualified Person with the MECP.

Ms. Brown is a graduate of the Honours Environment and Business program at the University of Waterloo. She has over five years of experience in the environmental consulting industry, including the completion of Phase I and II Environmental Site Assessments ESAs) for due diligence purposes according to O.Reg. 153/04 (as amended). She has completed work on former manufacturing facilities and other industrial, commercial and residential sites. Her responsibilities include site inspections, regulatory and public liaison, historical records review, drilling supervision, soil identification and sampling, monitoring well sampling, data compilation, and report preparation.

7.0 Limitations

Services performed by **MTE Consultants Inc.** (MTE) were conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the Environmental Engineering & Consulting profession. No other warranty or representation expressed or implied as to the accuracy of the information, conclusions or recommendations is included or intended in this report.

This report was completed for the sole use of MTE and the Client. No other parties may rely upon this report without the written permission of MTE. This report was completed in accordance with the Scope of Work referred to in Section 1.2. As such, this report may not deal with all issues potentially applicable to the site and may omit issues, which are or may be of interest to the reader. MTE makes no representation that the present report has dealt with any and all of the important features, including any or all important environmental features, except as provided in the Scope of Work. All findings and conclusions presented in this report are based on site conditions, as they existed during the time period of the investigation. In addition, MTE has relied on information provided by the persons interviewed as part of this study (identified herein) as being accurate and representative. This report is not intended to be exhaustive in scope or to imply a risk-free facility.

Any use which a third party makes of this report, or any reliance on, or decisions to be made based upon it, are the responsibility of such third parties. MTE accepts no responsibility for liabilities incurred by or damages, if any, suffered by any third party as a result of decisions made or actions taken, based upon this report. Others with interest in the site should undertake their own investigations and studies to determine how or if the condition affects them or their plans.

It should be recognized that the passage of time may affect the views, conclusions and recommendations (if any) provided in this report because environmental conditions of a property can change. Should additional or new information become available, MTE recommends that it be brought to our attention in order that we may re-assess the contents of this report.

All of which is respectfully submitted,

MTE Consultants Inc.

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8.0 List of References and Sources of Information

The following list of references and sources were reviewed for the purposes of preparing the report:

Applicable Section	Reference / Source	Date
All	Canadian Standards Association Z768-01 “Phase I – Environmental Site Assessments”	November 2001 Updated April 2003 Reaffirmed 2016
1.1	Surveyor’s Real Property Report, J. D. Barnes Limited	October 17, 2018
2.2	Ontario Base Map, Ministry of Natural Resources 10 17 6000 48150	2002
2.2	Chapman and Putnam. The Physiography of Southern Ontario, Third Edition.	1984
2.2	Gao, C., Shirota, J., Kelly, R.I., Brunton, F.R. and van Haaften, S. Bedrock topography and overburden thickness mapping, southern Ontario; Ontario Geological Survey, Miscellaneous Release—Data 207.	2006
2.2	Armstrong, D.K. and Dodge, J.E.P. Paleozoic geology of southern Ontario; Ontario Geological Survey, Miscellaneous Release—Data 219.	2007
2.3	Aerial Images, Environmental Risk Information Services	1934, 1946, 1969
2.3	Aerial Images, National Air Photo Library	1988
2.3	Aerial Images, Oakville Maps, Air Photo History	1995
2.3	Aerial Images, VuMap – First Base Solutions	2002, 2007
2.3	Aerial Images, Google Maps	2017, 2018
2.5	Catalogue of Canadian Fire Insurance Plans	2002
2.6	ERIS Report Number 20200526003	May 27, 2020 (date of report)
2.7	Technical Standards and Safety Authority – Fuel Safety Division inquiry	May 8, 2020 (date of response)
2.7	MECP Freedom of Information Request	May 19, 2020 (date of request)
2.7	Ontario Ministry of the Environment, “Inventory of Coal Gasification Plant Waste Sites in Ontario”	April 1987, Reprinted February 1989
2.7	Ontario Ministry of the Environment, Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario	November 1988
2.7	Ontario Ministry of the Environment, “PCB Site Inventory System 2000”	July 2000
2.7	Ontario Ministry of the Environment, “Waste Disposal Site Inventory”	June 1991
2.7	Ontario Ministry of the Environment, Conservation and Parks, Access Environment	May 7, 2020 (date of search)
2.7	Ontario Ministry of the Environment, Environmental Registry (website)	May 15, 2020 (date of search)

Applicable Section	Reference / Source	Date
2.7	Ontario Ministry of the Environment, Brownfields Environmental Site Registry	May 7, 2020 (date of search)
2.7	Ontario Ministry of the Environment, Hazardous Waste Information Network	May 7, 2020 (date of search)
2.7	MECP Water Well Records Inventory	May 7, 2020 (date of search)
2.7	National Pollutant Release Inventory (December 1992)	May 7, 2020 (date of search)
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2.8	Letter to Gertrud Schulz and Christine Schulz, prepared by Bell Mobility Inc.	December 4, 2019
2.9	Geotechnical Investigation, Two Microwave Towers, 5201 Explorer Drive, Mississauga, Ontario, and 6th Line and Lower Base Line, Oakville, Ontario for GM Telecom Inc., Peto MacCallum Ltd. Consulting Engineers	July, 1988
2.9	Geotechnical Investigation Report, Existing Self Support Tower, 6th Line, Oakville, Ontario, Cell Site 34, Lawrence, Flemming and Associates Limited, Consulting Engineers	January 12, 1994
2.9	Cultural Heritage Landscape Strategy Implementation – Phase II: Cultural Heritage Evaluation Report, 4243 Sixth Line, Oakville, Ontario, Letourneau Heritage Consulting Inc.	May 2017
2.9	Fill Stockpile Characterization, 4243 Sixth Line, Oakville, Ontario", Stantec Consulting Ltd.	February 28, 2018
2.9	Results of Environmental Quality Characterization of Stockpiled Soil at 4243 Sixth Line in Oakville, Ontario, Stantec Consulting Ltd.	March 26, 2018
2.10.1	Conservation Halton	May 15, 2020 (date of search)
2.10.2	Ministry of Natural Resources and Forestry Natural Heritage Map	May 15, 2020 (date of search)
2.10.2	Ontario GeoHub, Areas of Natural and Scientific Interest (ANSI)	June 5, 2020 (date of search)
2.10.3	Regional Municipality of Halton, Planning Department Information Request	May 14, 2020 (date of request)
2.10.3	Regional Municipality of Halton Official Plan	June 19, 2018 Consolidation
2.10.4	Town of Oakville, Planning Department Information Request	May 25, 2020 (date of response)
2.10.4	Town of Oakville, Building Department Information Request	May 29, 2020 (date of response)

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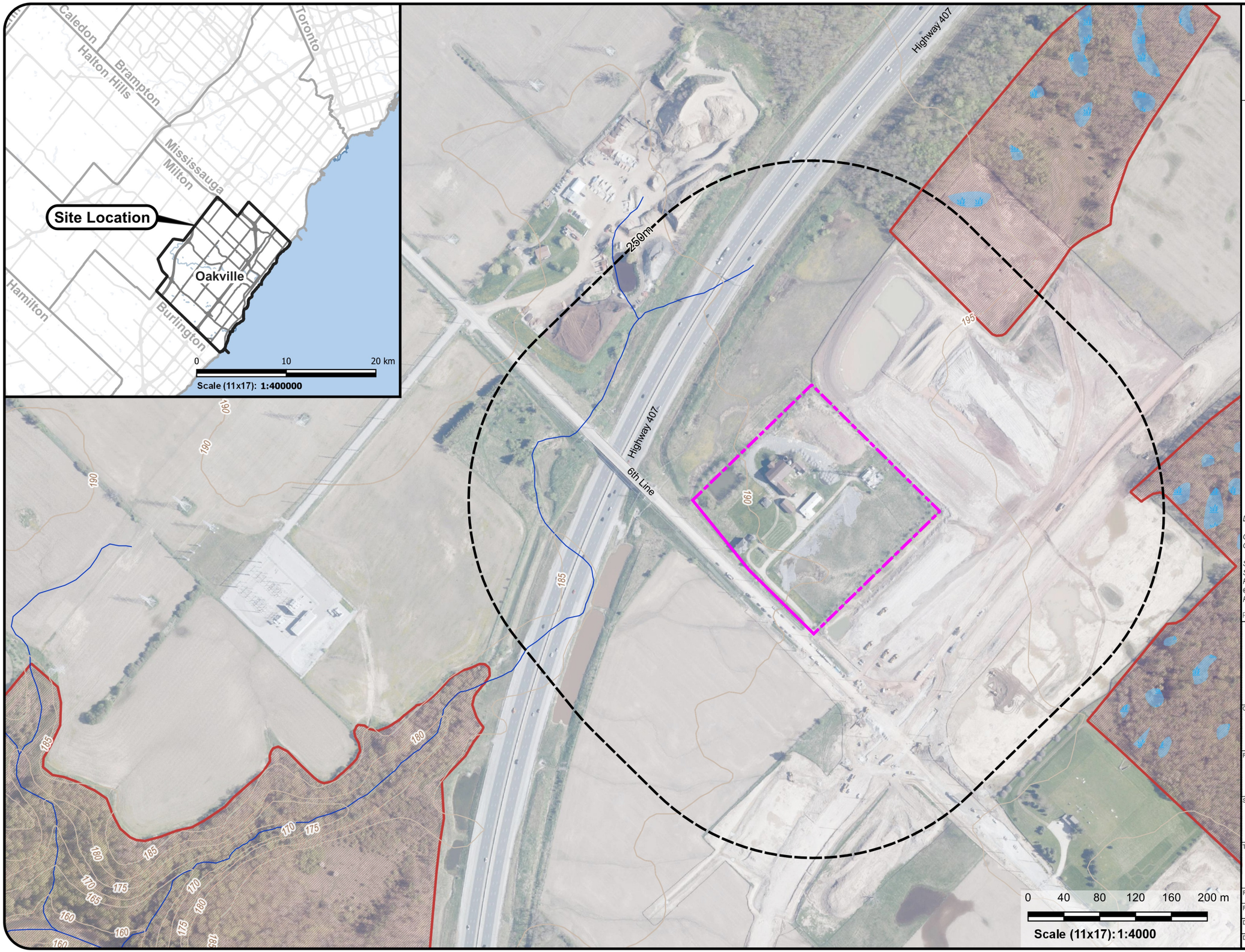
2.9	Fill Stockpile Characterization, 4243 Sixth Line, Oakville, Ontario", Stantec Consulting Ltd.	February 28, 2018
2.9	Results of Environmental Quality Characterization of Stockpiled Soil at 4243 Sixth Line in Oakville, Ontario, Stantec Consulting Ltd.	March 26, 2018
2.10.1	Conservation Halton	May 15, 2020 (date of search)
2.10.2	Ministry of Natural Resources and Forestry Natural Heritage Map	May 15, 2020 (date of search)
2.10.2	Ontario GeoHub, Areas of Natural and Scientific Interest (ANSI)	June 5, 2020 (date of search)
2.10.3	Regional Municipality of Halton, Planning Department Information Request	May 14, 2020 (date of request)
2.10.3	Regional Municipality of Halton Official Plan	June 19, 2018 Consolidation
2.10.4	Town of Oakville, Planning Department Information Request	May 25, 2020 (date of response)
2.10.4	Town of Oakville, Building Department Information Request	May 29, 2020 (date of response)

Figures

Project No: 40170-186 P:\P\40170\186\40170-186_esa1.qgz

ESA1.1

June 11, 2020 - 13:48 - Plotted By: SRederer



N

NORTH

PROJECT NORTH

Legend

- Site Boundary
- 250m Study Area
- 5m Contours
- Provincally Significant Wetland
- Water Courses
- Candidate ANSI

Data Sources:

Contains information licensed under the Open Government License Ontario.

South Central Ontario Orthophotography Project (2018) Source: Data provided by Ontario Ministry of Natural Resources and Forestry
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Project CRS: NAD83 / UTM zone 17N

MTE
Engineers,Scientists, Surveyors
Ph. (519) 743-6500

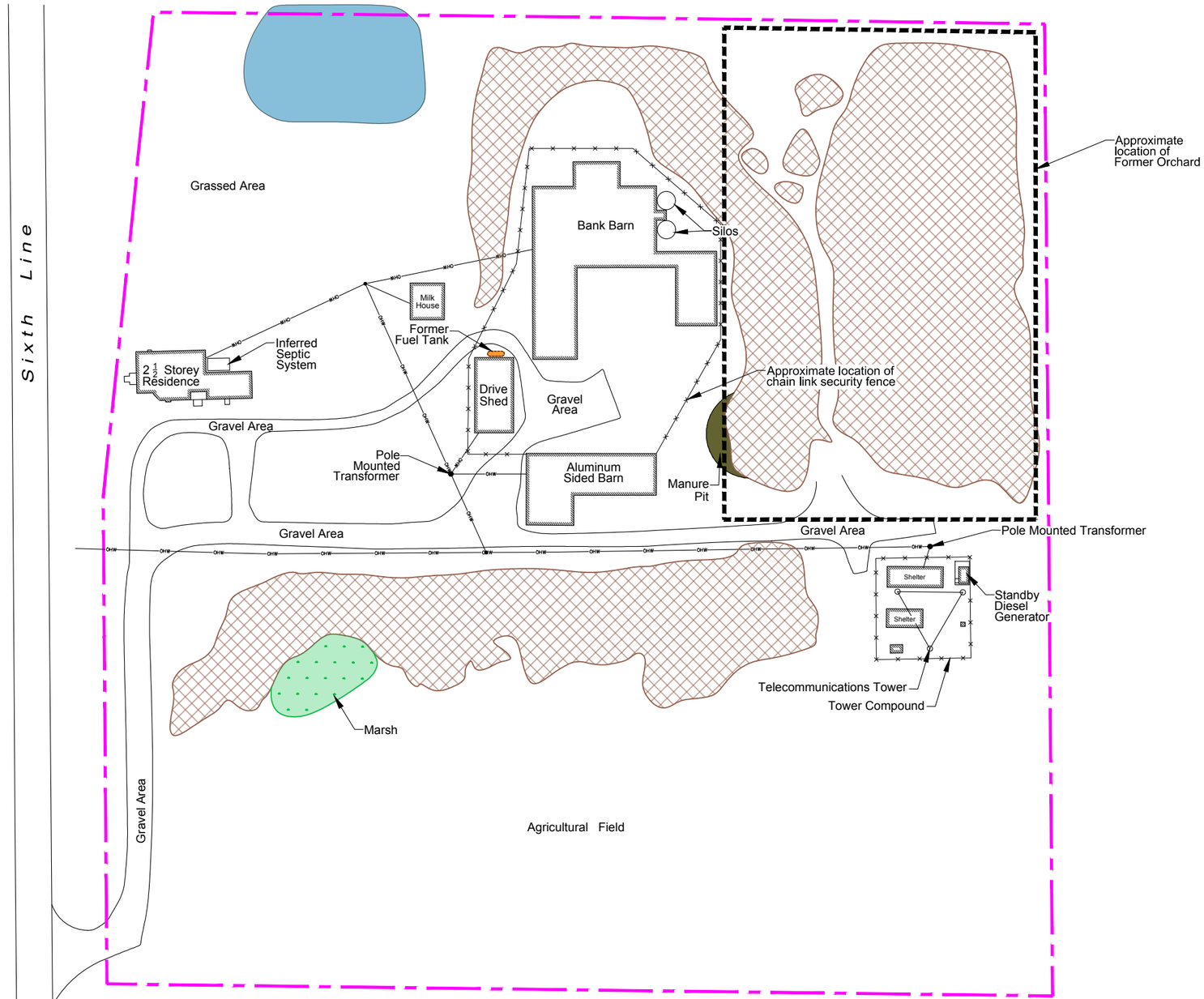
Client: Bell Mobility Inc.

Project: Phase I ESA

Site: 4243 Sixth Line, Oakville, ON

Title: **Site Location**

Reviewed By	CLM		
Prepared By	KLB	Project No	40170-186
Drawn By	SAR	Figure No	1
Date	June 2020		



NORTH

PROJECT NORTH

LEGEND

- Site Boundary
- Existing Building
- Overhead Hydro Wires
- Soil Piles
- Pond

0 10 20 30 40 50m

Scale(11x17): 1:1000

MTE
Engineers, Scientists, Surveyors
Ph. (519) 743-6500

CLIENT: Bell Mobility Inc.

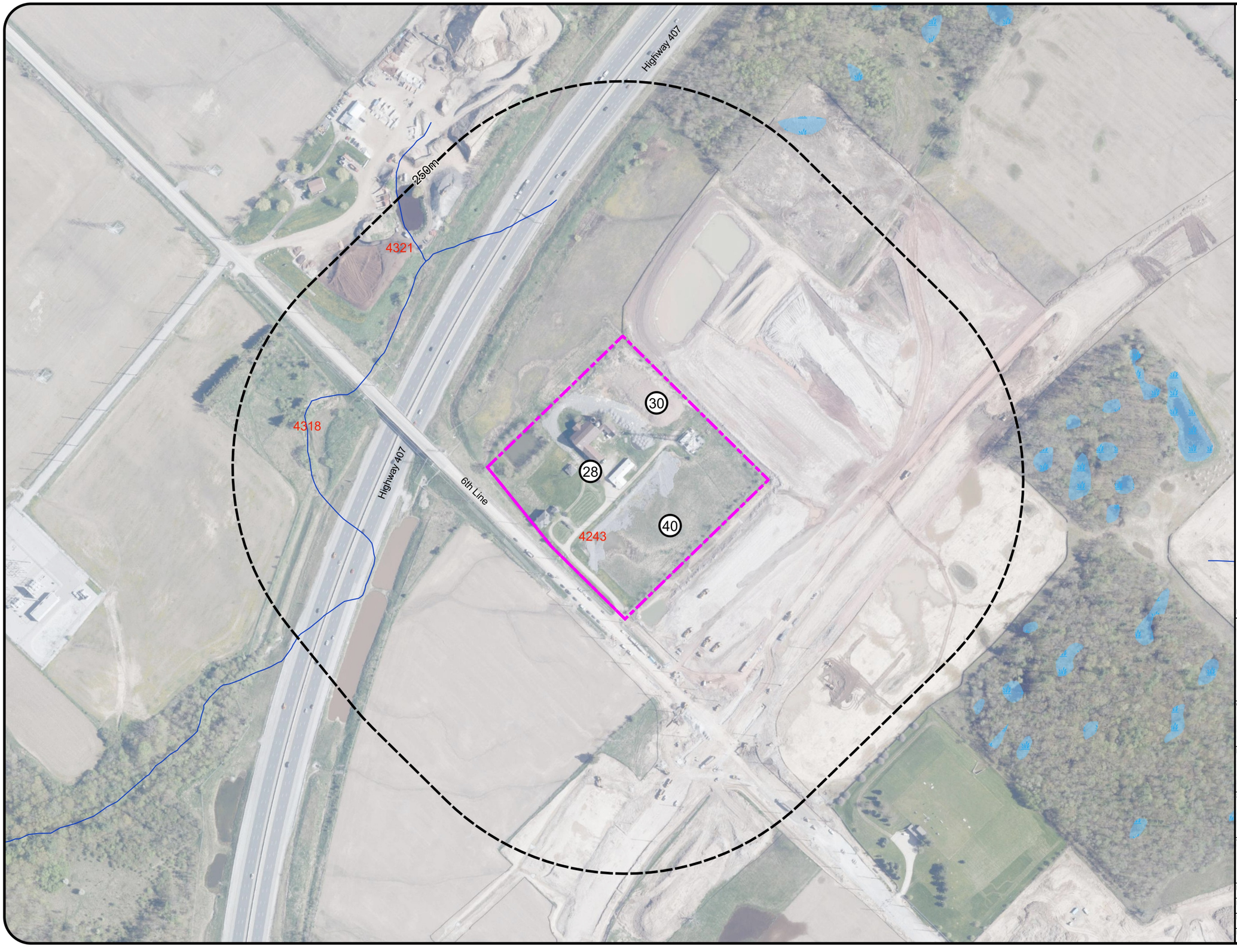
PROJECT: Phase I ESA

SITE: 4243 Sixth Line, Oakville, ON

TITLE: **Site Layout and Features**

Reviewed By	CLM		
Prepared By	KMB	Project No.	40170–186
Drawn By	EMM	Figure No.	2
Date	June 2020		

Project: 40170–186 CAD: P:\40170\186\40170–186–ESA1.DWG ESA1.1 June 9, 2020 — 4:00 p.m. — Plotted By: EMacIntyre



N
NORTH

N
PROJECT NORTH

Legend

- Site Boundary
- 250m Study Area
- 123 Municipal Address

PCA

- Potentially Contaminating Activity (PCA)
- PCA Unlikely to Affect Soil or Groundwater in the Site
  - 28. Gasoline and Associated Products Storage in Fixed Tanks
  - 30. Importation of Fill Material of Unknown Quality
  - 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
- Provincially Significant Wetland
- Water Courses

0 30 60 90 120 150 m

Scale (11x17): 1:3500

Project CRS: NAD83 / UTM zone 17N

MTE
Engineers,Scientists, Surveyors
Ph. (519) 743-6500

Client: Bell Mobility Inc.

Project: Phase I ESA

Site: 4243 Sixth Line, Oakville, ON

Title: **Study Area**

Reviewed By	CLM		
Prepared By	KLB	Project No	40170-186
Drawn By	SAR	Figure No	3
Date	June 2020		

Project No: 40170-186 P:\P40170\186\40170-186_esa1.qgz
ESA1.3
June 11, 2020 - 13:51 - Plotted By: SRederer

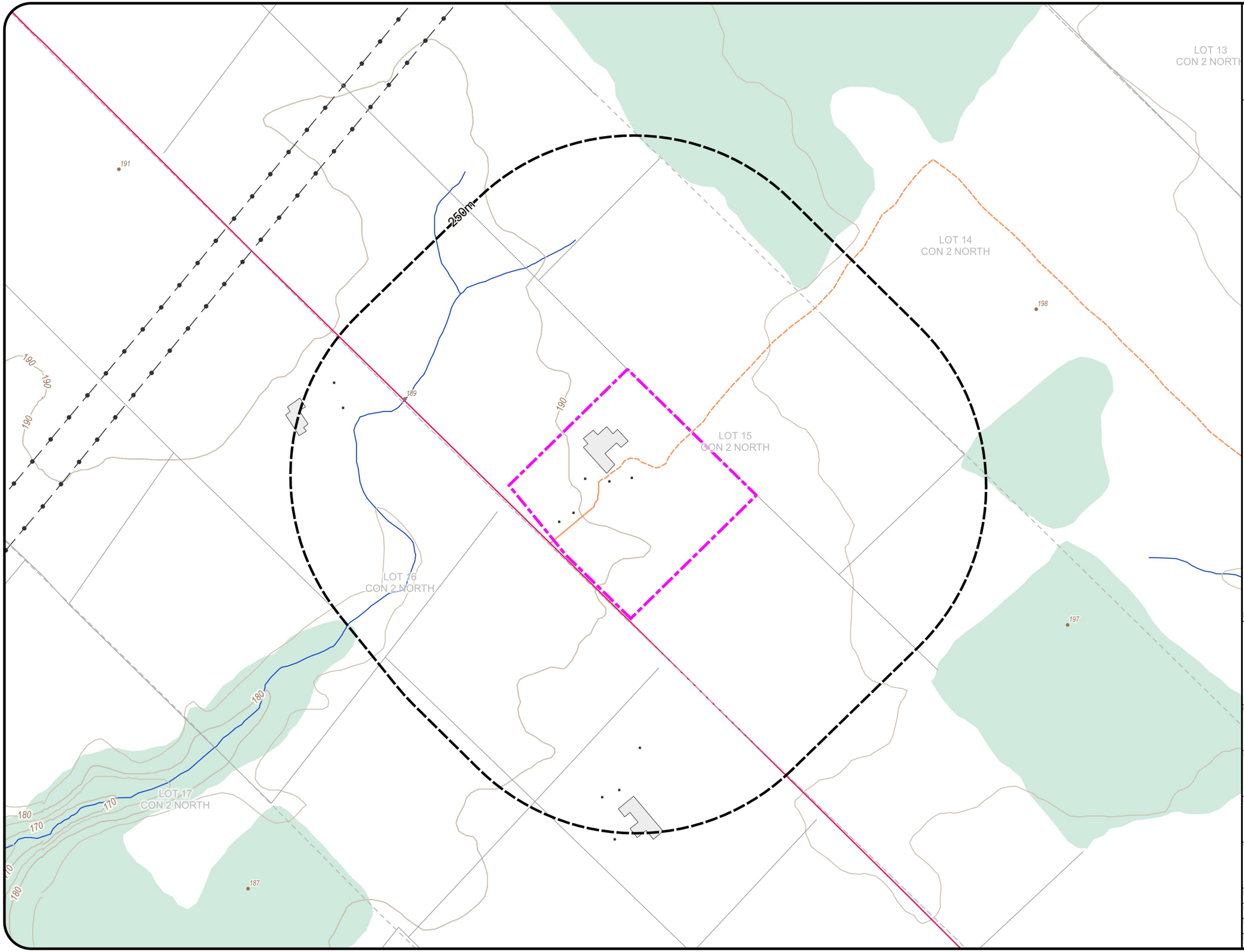
Appendix A

Maps and Aerial Photographs

Project No: 40170-186 P:\P\40170\186\40170-186_esa1.qgz

AP1.OBM

June 11, 2020 - 13:50 - Plotted By: SRederer



N

NORTH

PROJECT NORTH

Legend

- Site Boundary
- 250m Study Area
- Spot Height
- Building
- Building to Scale
- Lower Tier Municipality
- Lot
- Miscellaneous Line
- Utility Line

Road

- Primary
- Secondary
- Tertiary

Contour

- Major
- Minor
- Watercourse
- Wooded Area

Data Sources:

Contains information licensed under the Open Government License Ontario.

0 30 60 90 120 150 m

Scale (11x17): 1:4000

Project CRS: NAD83 / UTM zone 17N

MTE

Engineers,Scientists, Surveyors

Ph. (519) 743-6500

Client: Bell Mobility Inc.

Project: Phase I ESA

Site: 4243 Sixth Line, Oakville, ON

Title: **OBM**

Reviewed By	CLM		
Prepared By	KLB	Project No	40170-186
Drawn By	SAR	Figure No	A
Date	June 2020		

ENVIRONMENTAL RISK INFORMATION SERVICES

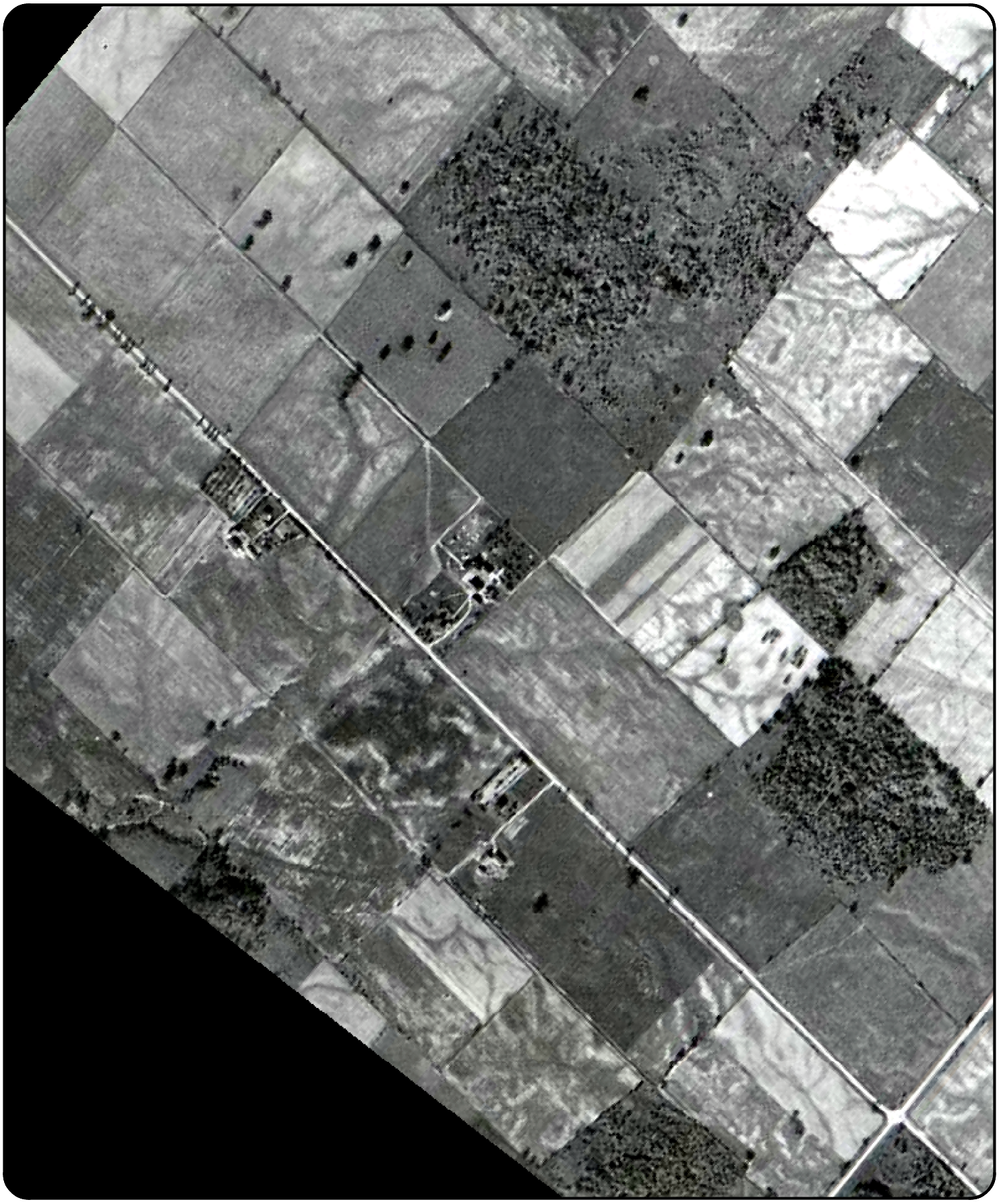
HISTORICAL AERIALS

Project Property:	Phase I Environmental Site Assessment 4243 Sixth Line Oakville ON L6H 7C7
Project No:	40170-186
Requested By:	MTE Consultants Inc.
Order No:	20200526003
Date Completed:	June 03, 2020

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

Decade	Year	Image Scale	Source
1930	1934	15000	NAPL
1940	1946	20000	NAPL
1960	1969	25000	NAPL

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



0 0.125 0.25 0.5
Kilometers

Order Number: 20200526003

Year: 1934
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

0 0.125 0.25 0.5 Kilometers

Order Number: 20200526003

Year: 1946
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

0 0.125 0.25 0.5
Kilometers

Order Number: 20200526003

Year: 1969
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

N

NORTH

N

PROJECT NORTH

Legend

Site Boundary

250m Study Area

Data Sources:

National Air Photo Library Ottawa A27302-314 1988

0 40 80 120 160 200 m

Scale (11x17): 1:5000

Project CRS: NAD83 / UTM zone 17N

MTE

Engineers,Scientists, Surveyors

Ph. (519) 743-6500

Client

Bell Mobility Inc.

Project

Phase I ESA

Site

4243 Sixth Line, Oakville, ON

Title

1988 Aerial Photograph

Reviewed By	CLM		
Prepared By	KLB	Project No	40170-186
Drawn By	SAR	Figure No	A
Date	June 2020		

Project No: 40170-186 P:\P\40170\186\40170-186_esa1.qgz

AP1.1988

June 11, 2020 - 13:56 - Plotted By: SRederer

Appendix B

ERIS Report

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Phase I Environmental Site Assessment* *4243 Sixth Line* *Oakville ON L6H 7C7*
Project No:	*40170-186*
Report Type:	*Site Report*
Order No:	*20200526003*
Requested by:	*MTE Consultants Inc.*
Date Completed:	*May 27, 2020*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase I Environmental Site Assessment* *4243 Sixth Line Oakville ON L6H 7C7*
Project No:	*40170-186*

Coordinates:

Latitude:	*43.499589*
Longitude:	*-79.7547487*
UTM Northing:	*4,817,048.85*
UTM Easting:	*600,672.62*
UTM Zone:	*17T*

Elevation:	*624 FT* *190.10 M*

Order Information:

Order No:	*20200526003*
Date Requested:	*May 26, 2020*
Requested by:	*MTE Consultants Inc.*
Report Type:	*Site Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*

Executive Summary: Report Summary

Database	Name	Searched	Project Property
AAGR	*Abandoned Aggregate Inventory*	*Y*	*0*
AGR	*Aggregate Inventory*	*Y*	*0*
AMIS	*Abandoned Mine Information System*	*Y*	*0*
ANDR	*Anderson's Waste Disposal Sites*	*Y*	*0*
AST	*Aboveground Storage Tanks*	*Y*	*0*
AUWR	*Automobile Wrecking & Supplies*	*Y*	*0*
BORE	*Borehole*	*Y*	*0*
CA	*Certificates of Approval*	*Y*	*0*
CDRY	*Dry Cleaning Facilities*	*Y*	*0*
CFOT	*Commercial Fuel Oil Tanks*	*Y*	*0*
CHEM	*Chemical Register*	*Y*	*0*
CNG	*Compressed Natural Gas Stations*	*Y*	*0*
COAL	*Inventory of Coal Gasification Plants and Coal Tar Sites*	*Y*	*0*
CONV	*Compliance and Convictions*	*Y*	*0*
CPU	*Certificates of Property Use*	*Y*	*0*
DRL	*Drill Hole Database*	*Y*	*0*
EASR	*Environmental Activity and Sector Registry*	*Y*	*0*
EBR	*Environmental Registry*	*Y*	*0*
ECA	*Environmental Compliance Approval*	*Y*	*0*
EEM	*Environmental Effects Monitoring*	*Y*	*0*
EHS	*ERIS Historical Searches*	*Y*	*0*
EIIS	*Environmental Issues Inventory System*	*Y*	*0*
EMHE	*Emergency Management Historical Event*	*Y*	*0*
EPAR	*Environmental Penalty Annual Report*	*Y*	*0*
EXP	*List of Expired Fuels Safety Facilities*	*Y*	*0*
FCON	*Federal Convictions*	*Y*	*0*
FCS	*Contaminated Sites on Federal Land*	*Y*	*0*
FOFT	*Fisheries & Oceans Fuel Tanks*	*Y*	*0*
FRST	*Federal Identification Registry for Storage Tank Systems (FIRSTS)*	*Y*	*0*
FST	*Fuel Storage Tank*	*Y*	*0*
FSTH	*Fuel Storage Tank - Historic*	*Y*	*0*
GEN	*Ontario Regulation 347 Waste Generators Summary*	*Y*	*0*
GHG	*Greenhouse Gas Emissions from Large Facilities*	*Y*	*0*
HINC	*TSSA Historic Incidents*	*Y*	*0*
IAFT	*Indian & Northern Affairs Fuel Tanks*	*Y*	*0*
INC	*Fuel Oil Spills and Leaks*	*Y*	*0*

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

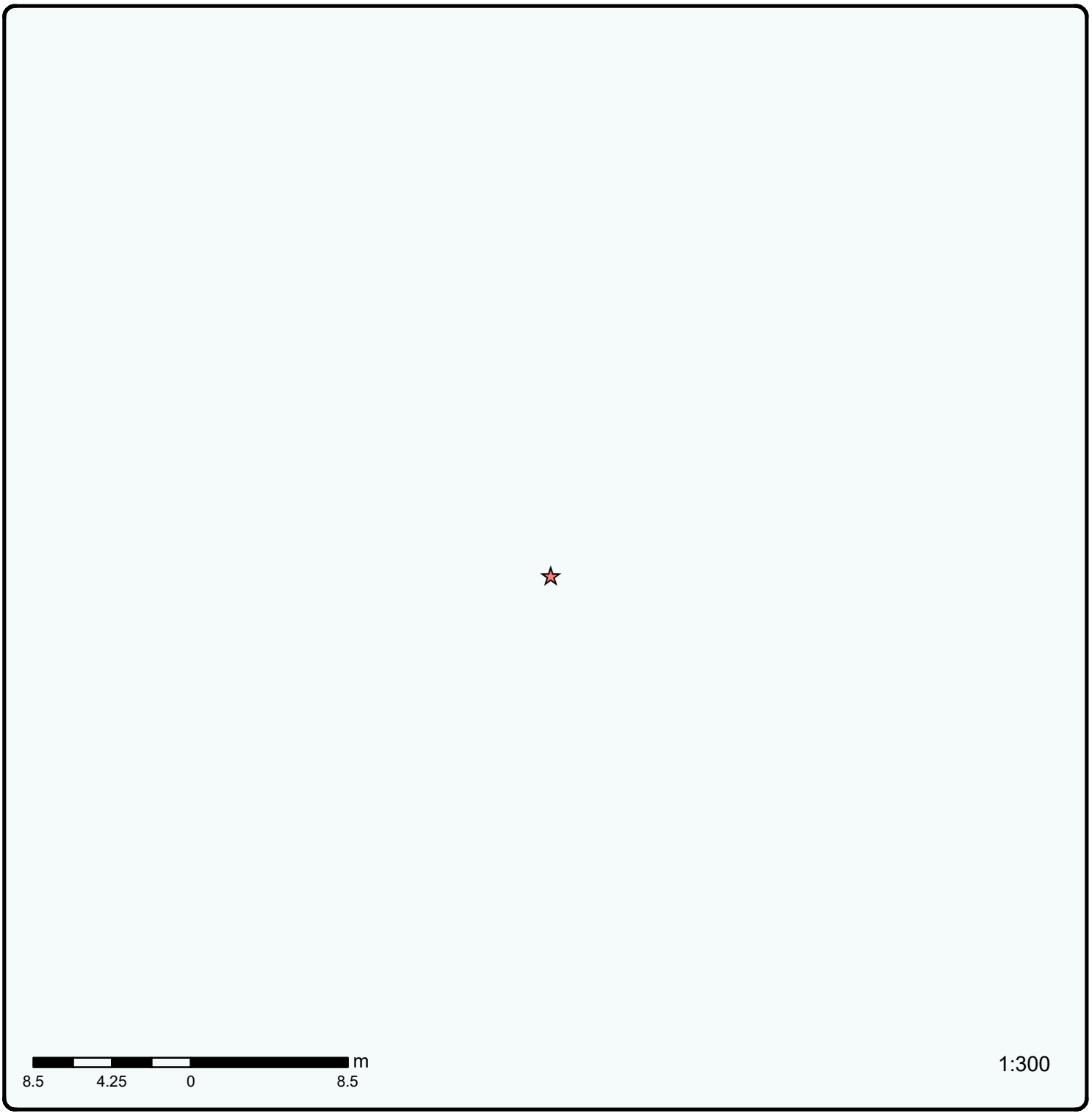
Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Page Number

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

Executive Summary: Summary By Data Source

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



Map : 0.001 Kilometer Radius

Order Number: 20200526003
Address: 4243 Sixth Line, Oakville, ON

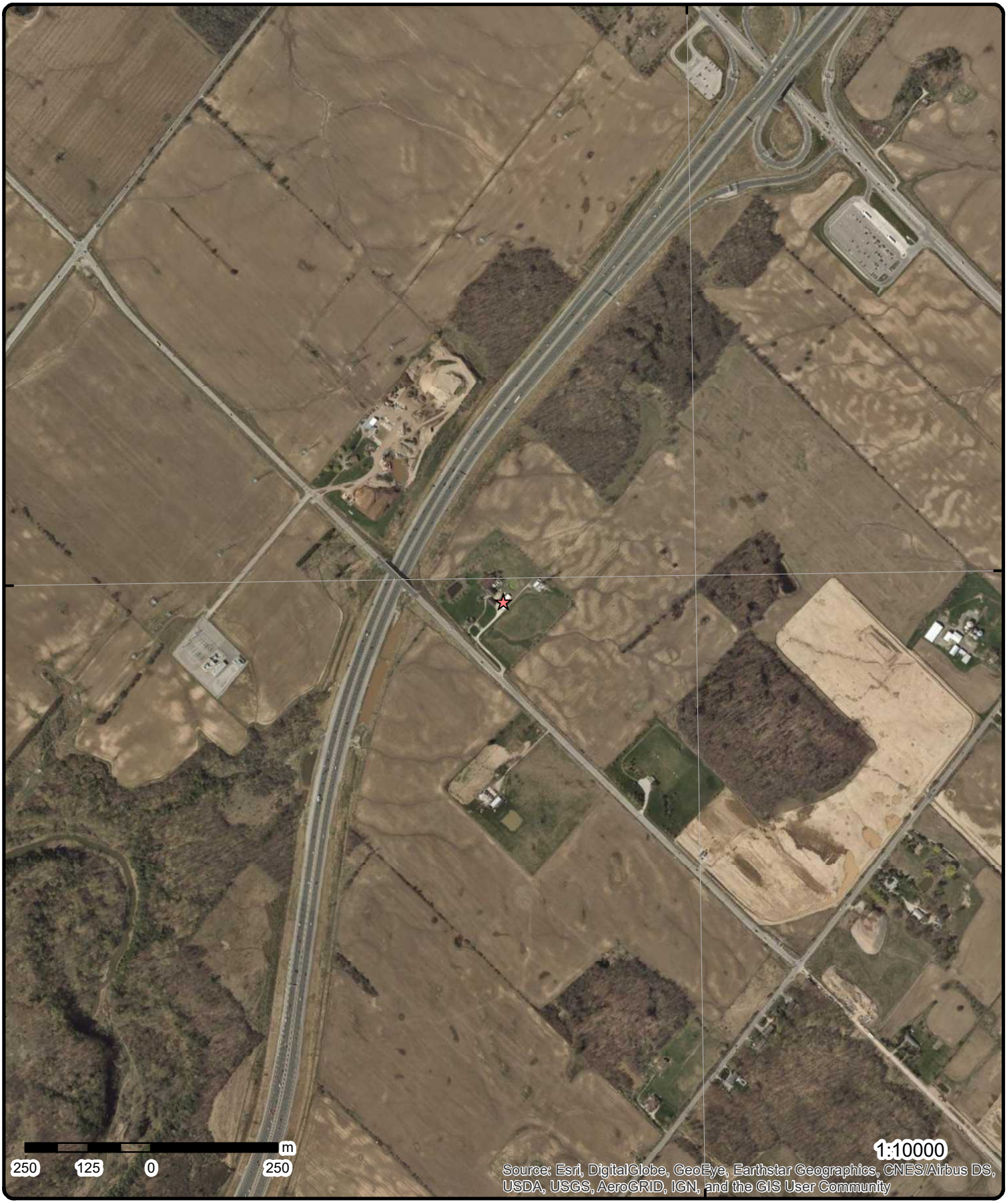
ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2015 DMTI Spatial Inc.

79°45'W

43°30'N



43°30'N

Aerial

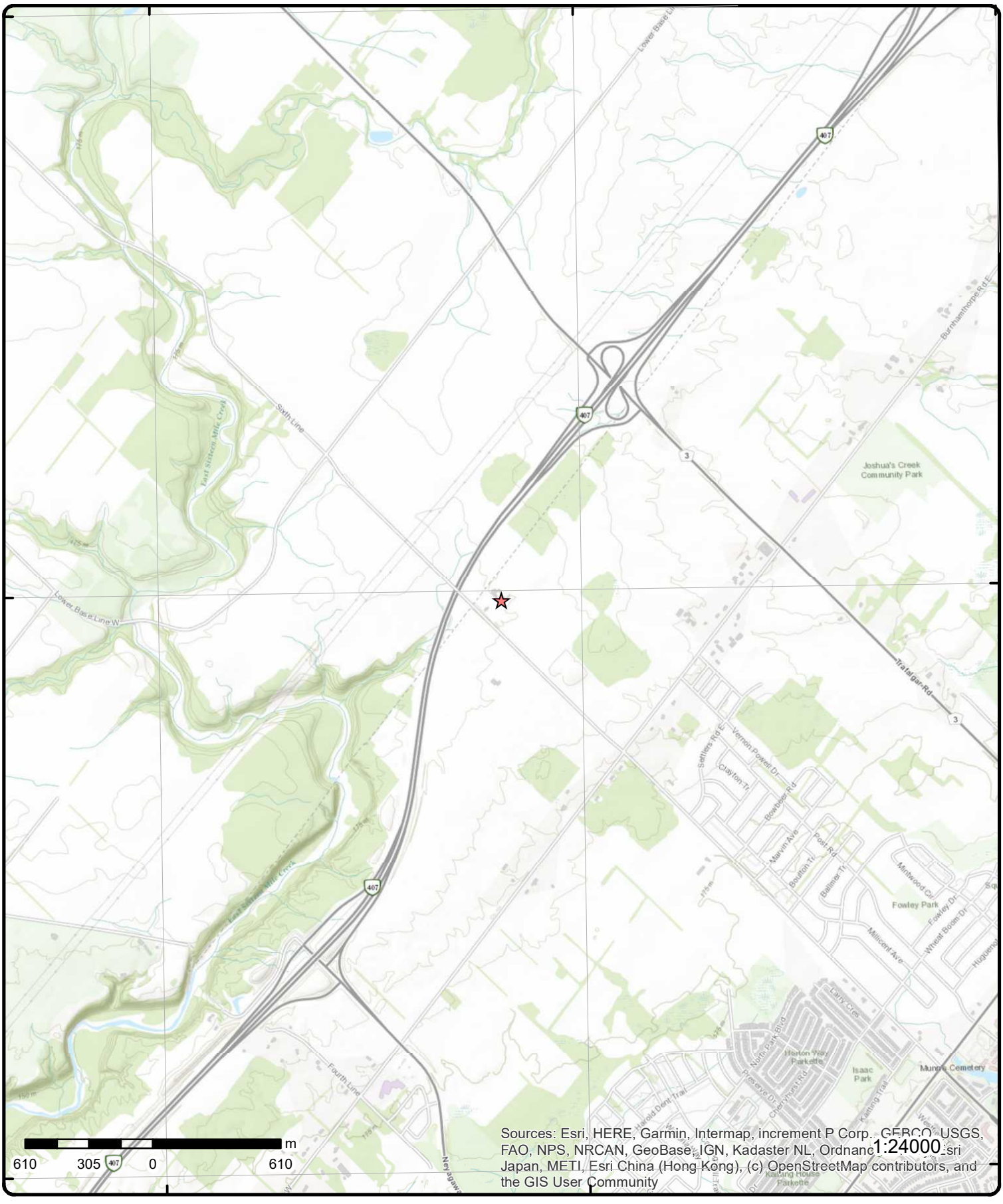
Year: 2017

Address: 4243 Sixth Line, Oakville, ON

Source: ESRI World Imagery

Order Number: 20200526003

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 4243 Sixth Line, ON

Source: ESRI World Topographic Map

Order Number: 20200526003

ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Elevation (m)	Site	DB

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

Unplottable Summary

Total: 7 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		East Side of Sixth Line	Oakville ON	
CA	The Corporation of the Town of Oakville	Sixth Line	Oakville ON	
CA	The Corporation of the Town of Oakville	Sixth Line	Oakville ON	
ECA	The Corporation of the Town of Oakville	Sixth Line	Oakville ON	
ECA	The Corporation of the Town of Oakville	Sixth Line	Oakville ON	L2J 5A6
ECA	The Regional Municipality of Halton	Sixth Line	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Sixth Line	Oakville ON	L6M 3L1

Unplottable Report

Site: ***Database:***
East Side of Sixth Line Oakville ON ***CA***

Certificate #:	4455-4JGLK2
Application Year:	00
Issue Date:	4/20/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the Regional Municipality of Halton
Client Address:	1151 Bronte Road
Client City:	Oakville
Client Postal Code:	L6M 3L1
Project Description:	Construction of approximately 16,000 m3 concrete in-ground water storage reservoir, in addition to the existing Moore Reservoir. Construction of a chemical room to house recholrination facilities, including a 4,450 L storage tank, two chemical metering pumps, two chlorine residual analysers and necessary piping.
Contaminants:	
Emission Control:	

Site: ***Database:***
The Corporation of the Town of Oakville ***CA***
Sixth Line Oakville ON

Certificate #:	4598-8M5Q3G
Application Year:	2011
Issue Date:	10/26/2011
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Database:***
The Corporation of the Town of Oakville ***CA***
Sixth Line Oakville ON

Certificate #:	0985-5WKN4W
Application Year:	2004
Issue Date:	3/1/2004
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Database:***
The Corporation of the Town of Oakville ***ECA***
Sixth Line Oakville ON

Approval No: 0985-5WKN4W
Approval Date: 2004-03-01
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Sixth Line
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7465-5WGM2S-14.pdf

---

Site: ***The Corporation of the Town of Oakville***
Sixth Line Oakville ON L2J 5A6

Database: ***ECA***

Approval No: 4598-8M5Q3G
Approval Date: 2011-10-26
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Sixth Line
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7672-8K4M3J-14.pdf

---

Site: ***The Regional Municipality of Halton***
Sixth Line Oakville ON L6M 3L1

Database: ***ECA***

Approval No: 7459-5PRQDN
Approval Date: 2003-07-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Sixth Line
Full Address:
Full PDF Link:

Site: ***The Regional Municipality of Halton***
Sixth Line Oakville ON L6M 3L1

Database: ***ECA***

Approval No: 0074-6W2K54
Approval Date: 2006-12-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Sixth Line
Full Address:
Full PDF Link:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2019

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 2018

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

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Jan 31, 2020

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 2018

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*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 - Feb 2020

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-Dec 2019

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-Apr 30, 2020

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 - Sep 2019

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Apr 30, 2020

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-Apr 30, 2020

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Apr 30, 2020

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-Jan 31, 2020

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Apr 2020

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Jan 31, 2020

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

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-Jan 2020

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Mar 31, 2020

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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-Feb 29, 2020

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-Jun 2019

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-Apr 30, 2020

Canadian Pulp and Paper: Private PAP

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

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988 - Apr 2020

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Apr 30, 2020

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2020

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Jan 31, 2020

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-Nov 2019

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Apr 30, 2020

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: Feb 28, 2019

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.

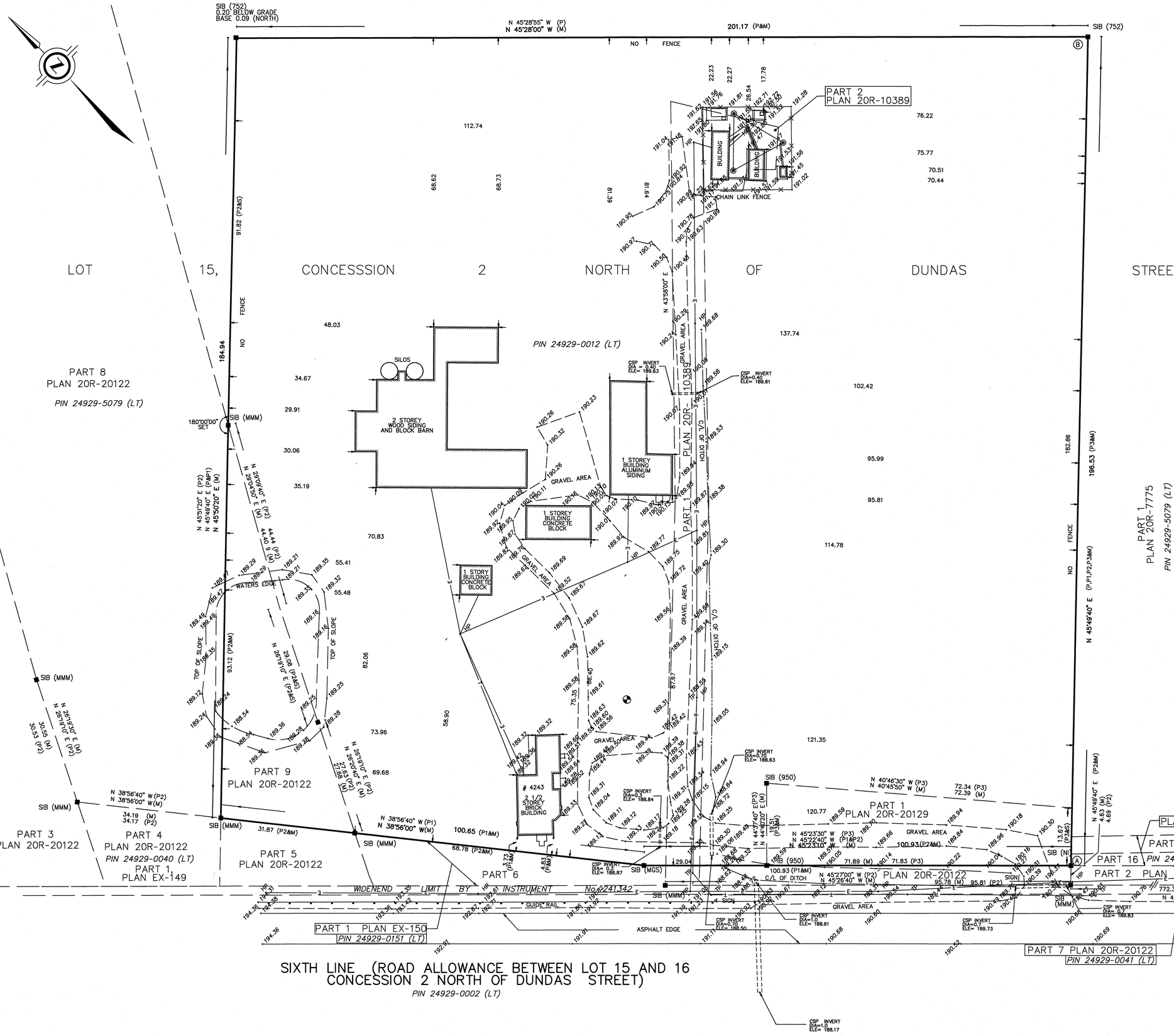
The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

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

Records

SURVEYOR'S REAL PROPERTY REPORT
PART 1 - PLAN SHOWING
PART OF LOT 15
CONCESSION 2
NORTH OF DUNDAS STREET
(GEOGRAPHIC TOWNSHIP OF TRAFALGAR)
TOWN OF OAKVILLE
REGIONAL MUNICIPALITY OF HALTON



SCALE 1 : 500

10 0 10 20 30 metres

J.D. BARNES LIMITED

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

BENCHMARK

ELEVATIONS SHOWN HEREON ARE RELATED TO GEODETIC DATUM AND ARE DRIVED FROM THE GPS OBSERVATION USING THE POWERNET NETWORK SERVICE AND REFER TO HT2-OA VERTICAL SYSTEM.

NOTES

BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (2010.0).

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999701

FOR BEARING COMPARISONS, A ROTATION OF 1°03'55" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON PLAN P

FOR BEARING COMPARISONS, A ROTATION OF 1°02'00" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON PLAN P, P1, P2

INTEGRATION DATA

OBSERVED REFERENCE POINTS (ORPs): UTM ZONE 17, NAD83 (CSRS) (2010.0).

COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF O.REG 216/10.

POINT ID	EASTING	NORTHING
ORP (A)	600 676.12	4 816 904.04
ORP (B)	600 817.05	4 817 090.94

COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

LEGEND

■	DENOTES	SURVEY MONUMENT FOUND
□	DENOTES	SURVEY MONUMENT SET
SIB	DENOTES	STANDARD IRON BAR
SSIB	DENOTES	SHORT STANDARD IRON BAR
IB	DENOTES	IRON BAR
PB	DENOTES	PLASTIC BAR
WIT	DENOTES	WITNESS
M	DENOTES	MEASURED
• HP	DENOTES	HYDRO POLE
• TP	DENOTES	TELEPHONE POLE
P	DENOTES	PLAN 20R-7775
P1	DENOTES	PLAN EX-150
P2	DENOTES	PLAN 65R-20122
P3	DENOTES	PLAN 65R-20271
D	DENOTES	DEED AS IN INSTRUMENT No. 241341
JDB	DENOTES	J.D. BARNES LIMITED
MGS	DENOTES	MINISTRY OF GOVERNMENT SERVICES
725	DENOTES	W.H.CARR O.L.S
950	DENOTES	CUNNINGHAM Mc CONNELL LIMITED O.L.S
MMM	DENOTES	MARSHALL MACKLIN AND MONAGHAN LTD. O.L.S
DIA	DENOTES	DIAMETERS
ELE	DENOTES	ELEVATION
-H-	DENOTES	HYDRO CABLE
-T-	DENOTES	TELEPHONE CABLE
◒	DENOTES	MONITORING WELL

ALL SET SSIB AND PB MONUMENTS WERE USED DUE TO LACK OF OVERBURDEN AND/OR PROXIMITY OF UNDERGROUND UTILITIES IN ACCORDANCE WITH SECTION 11 (4) OF O.REG. 525/91.

PART 2 - SURVEY REPORT

- **DESCRIPTION**
  PART OF LOT 15, CONCESSION 2 NORTH OF DUNDAS STREET (TRAFALGAR)
  MUNICIPAL ADDRESS No. 4243 SIXTH LINE, OAKVILLE
- **REGISTERED EASEMENTS AND/OR RIGHTS-OF-WAY**
  NO REGISTERED EASMENT FOUND ON TITLE
- **BOUNDARY FEATURES**
  SURVEY MONUMENTS FOUND ON ALL PROPERTY CORNERS
- **ADDITIONAL REMARKS**
  NO BY-LAW / ORDER-IN-COUNCIL PRESENT, DECLARING PART 1, PLAN EX 150 AS PUBLIC HIGHWAY

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.
2. THE SURVEY WAS COMPLETED ON OCTOBER 6, 2018.

OCTOBER 26,2018
DATE

NAVID NAJJARBASHI
ONTARIO LAND SURVEYOR

PREPARED FOR: BELL MOBILITY

ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
2069183

THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR
In accordance with Regulation 1026, Section 29(3)

J.D.BARNES LIMITED
SURVEYING MAPPING GIS
LAND INFORMATION SPECIALISTS
401 WHEELABRATOR WAY, SUITE A, MILTON, ON L9T 3C1
T: (905) 875-9955 F: (905) 875-9956 www.jdbarnes.com

DRAWN BY:	CHECKED BY:	REFERENCE NO.:
NN	NN	18-15-291-00

FILE: G:\Surveys\18-15-291\00\Drawing\18-15-291-00.dgn DATED: 17/10/2018

PLOTTED: 26/10/2018

Kelsey Brown

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Friday, May 8, 2020 8:01 AM
To: Kelsey Brown
Subject: RE: 40170-186 Information Request

No Records Found

Thank you for your request for confirmation of public information.

- We confirm that there are **no fuel storage tanks records** in our database at the subject address(es).

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org or through mail along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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

Kind regards,

Connie Hill | Public Information Agent
Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3383 | Fax: +1-416-231-6183 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Kelsey Brown <KBrown@mte85.com>
Sent: May 7, 2020 9:20 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: 40170-186 Information Request

Good Morning,

I would like to inquire if the TSSA has any records for the following properties:

- 4182 Sixth Line, Oakville, ON
- 4243 Sixth Line, Oakville, ON
- 4318 Sixth Line, Milton, ON
- 4321 Sixth Line, Milton, ON

Regards,
Kelsey

Kelsey Brown, B.E.S. | **Environmental Scientist**
MTE Consultants Inc.
T: 519-743-6500 x1319 | KBrown@mte85.com
520 Bingemans Centre Drive, Kitchener, Ontario N2B 3X9
www.mte85.com | Twitter | LinkedIn | Instagram | Facebook

COVID-19 Update: We remain operational and are currently available by email and phone, however, our offices are closed. Staff that are required to visit job sites or perform field work are required to follow MTE health and safety policies and procedures, as well as additional COVID-19 protocols, which can be viewed here.

Ministry of Environment and Energy
Ontario

The Ontario Water Resources Act
WATER WELL RECORD

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11   **2808524**

Municipality: 28605   Con.: DS N 02

County or District	Township/Borough/City/Town/Village	Con block tract survey, etc.	Lot
[redacted]	OAKVILLE	2 N.D.S.	PART 15
	Address: 4243 6TH LINE OAKVILLE	Date completed: 23 (day) 05 (month) 96 (year)	

21   Northing   RC   Elevation   RC   Basin Code   ii   iii   iv

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

General colour	Most common material	Other materials	General description	Depth – feet From	Depth – feet To
	WELL ABANDONMENT				
	NO RECORDS AVAILABLE FOR INSTALATION				
	CONCRETE TILE REMOVED				

31
32

WATER RECORD

Water found at – feet	Kind of water
—	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas
	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas
	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas
	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas
	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas

CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth – feet From	Depth – feet To
36"	☐ Steel ☐ Galvanized ☑ Concrete ☐ Open hole ☐ Plastic	2"	0	9 FT
	☐ Steel ☐ Galvanized ☐ Concrete ☐ Open hole ☐ Plastic			
	☐ Steel ☐ Galvanized ☐ Concrete ☐ Open hole ☐ Plastic			

SCREEN

Sizes of opening (Slot No.)   Diameter inches   Length feet
Material and type: NONE   Depth at top of screen feet

PLUGGING & SEALING RECORD

☐ Annular space   ☑ Abandonment

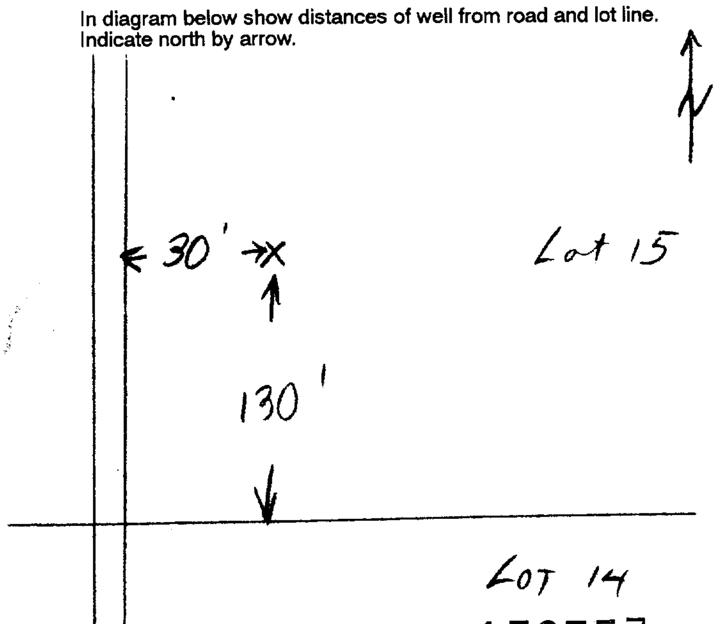
Depth set at – feet From	To	Material and type (Cement grout, bentonite, etc.)
9	8	HOLE PLUG
8	2	BLUE CLAY
2	0	BENTONITE & CLAY

PUMPING TEST

Pumping test method: ☐ Pump ☐ Bailer	Pumping rate GPM	Duration of pumping ... Hours ... Mins		
Static level: — feet	Water level end of pumping: — feet	Water levels during ☐ Pumping ☐ Recovery		
15 minutes feet	30 minutes feet	45 minutes feet	60 minutes feet	
If flowing give rate: — GPM	Pump intake set at feet	Water at end of test ☐ Clear ☐ Cloudy		
Recommended pump type ☐ Shallow ☐ Deep	Recommended pump setting feet	Recommended pump rate GPM		

LOCATION OF WELL

In diagram below show distances of well from road and lot line. Indicate north by arrow.



159757

FINAL STATUS OF WELL

☐ Water supply ☐ Observation well ☐ Test hole ☐ Recharge well ☐ Abandoned, insufficient supply ☐ Abandoned, poor quality ☑ Abandoned (Other) ☐ Dewatering ☐ Unfinished ☐ Replacement well

WATER USE

☐ Domestic ☐ Stock ☐ Irrigation ☐ Industrial ☐ Commercial ☐ Municipal ☐ Public supply ☐ Cooling & air conditioning ☐ Not used ☐ Other

METHOD OF CONSTRUCTION

☐ Cable tool ☐ Rotary (conventional) ☐ Rotary (reverse) ☐ Rotary (air) ☐ Air percussion ☐ Boring ☐ Diamond ☐ Jetting ☐ Driving ☑ Digging ☐ Other

Name of Well Contractor: FRED CONSTABLE SON LTD	Well Contractor's Licence No.: 1663
Address: 3936 MAJOR MACKENZIE DR WOODBRIDGE	
Name of Well Technician: KEN CONSTABLE	Well Technician's Licence No.: T 0228
Signature of Technician/Contractor: [signature]	Submission date: day 28 mo 05 yr 96

MINISTRY USE ONLY

Data source	Contractor	Date received
	1663	FEB 27 1997
Date of inspection	Inspector	
Remarks		CSS. S

0506 (07/94) Front Form 9

2 - MINISTRY OF ENVIRONMENT & ENERGY COPY

UTM 17 Z 600651 E

5 R 4816420 N

Elev. 4 ~~DUNDAS ST N.~~ 0628

Basin 29 ~~4~~

LOT 16

30 M5 F

ONTARIO WATER RESOURCES COMMISSION
OCT 5 1959
28 № ~~2210~~

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

OAKVILLE

County or District Halton ~~Township, Village~~, Town ~~or City~~ ~~Trafalgar Twp~~

[redacted]

Date completed 18 (day) Sept. (month) 1959 (year)

Address Trafalgar Ont.

Casing and Screen Record	
Inside diameter of casing	6 1/4"
Total length of casing	21' 7" with shoe.
Type of screen	None
Length of screen	none
Depth to top of screen	none
Diameter of finished hole	6"

Pumping Test	
Static level	31' 6"
Test-pumping rate	1 G.P.M.
Pumping level	74 ft.
Duration of test pumping	2 hrs.
Water clear or cloudy at end of test	clear.
Recommended pumping rate	3/4 G.P.M.
with pumping level of	70 ft.

Well Log / **Water Record**

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
Dug well.	0	38			
Soft grey clay & sand with wood.	38	50'			
Queenston Red shale.	50	74'4"	72	40' 6"	fresh.

For what purpose(s) is the water to be used?

Farm.

Is well on upland, in valley, or on hillside?

Upland.

Drilling Firm

Address

Licence Number 262.

Name of Driller Don P. Jacobson

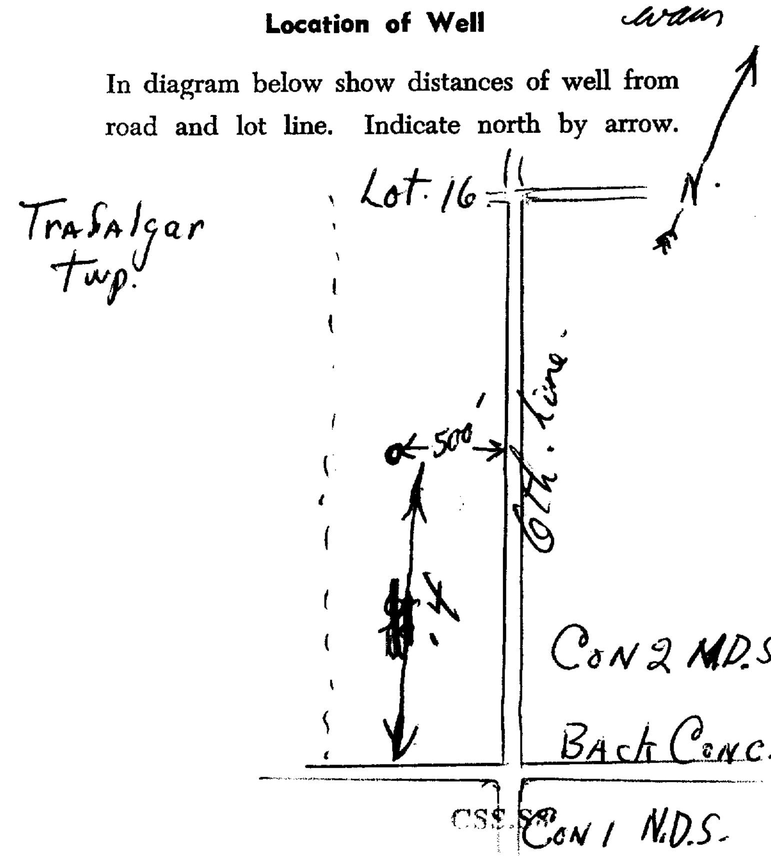
Address 175 Main St. N. Georgetown Ont.

Date 20 Sept. /59.

Don P. Jacobson
(Signature of Licensed Drilling Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Form 5
15M-58-4149

34M/5f

The Ontario Water Resources Commission Act

WATER WELL RECORD

Water management in Ontario

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 2803462 | MUNICIP. 28605 | CON. DS N C 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Halton	Oakville	2 NDS	~~15/16~~ 016

[redacted] 182 6th Line RR#1 Oakville

DATE COMPLETED: DAY 06 MO. ~~July~~ 08 YR. 70

[redacted] 3 16440 | RC. 4 | ELEVATION 0610 | RC. 5 | BASIN CODE 24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

17 600680 4816440 4 0610 5 24

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH – FEET FROM	TO
Brown	clay		topsoil	0	1
"	"			1	14
Gray	"	gravel size stones	hard packed	14	16
Blue	"	tiny sand layers	gumbo	16	30
Brown	clay		(dark brown)	30	34
Gray	"		hard packed	34	36
Brown	sand			36	55
RED	shale	green shale	very hard	55	64

31 | 0001605102 | 0014605 | 00162951 | 0030305091 | 0034605 | 0036205

32 | 0055109 | 0064717

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
0040	☒ FRESH
0062	☒ FRESH

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH – FEET FROM	TO
30	☒ CONCRETE	3"	0	0055
	☒ OPEN HOLE		55	0064 (~~64~~)

SCREEN

SIZE(S) OF OPENING (SLOT NO.) | DIAMETER INCHES | LENGTH FEET

MATERIAL AND TYPE: Gravel packed | DEPTH TO TOP OF SCREEN

61 PLUGGING & SEALING RECORD

DEPTH SET AT – FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☒ ~~BAILER~~ | ~~PUMPING RATE~~ Recover 1 GPM. | DURATION OF PUMPING 120 HOURS MINS.

STATIC LEVEL	WATER LEVEL END OF PUMPING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
017 FEET	FEET	FEET	FEET	FEET	FEET

WATER LEVELS DURING: 1 ☐ PUMPING 2 ☐ RECOVERY

IF FLOWING, GIVE RATE GPM. | PUMP INTAKE SET AT FEET | WATER AT END OF TEST: ☒ CLEAR (Clearing) ☒ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP | RECOMMENDED PUMP SETTING 060 FEET | RECOMMENDED PUMPING RATE 0003 GPM.

GPM./FT. SPECIFIC CAPACITY

FINAL STATUS OF WELL

1 ☒ WATER SUPPLY; 2 ☐ OBSERVATION WELL; 3 ☐ TEST HOLE; 4 ☐ RECHARGE WELL; 5 ☐ ABANDONED, INSUFFICIENT SUPPLY; 6 ☐ ABANDONED, POOR QUALITY; 7 ☐ UNFINISHED

WATER USE 02

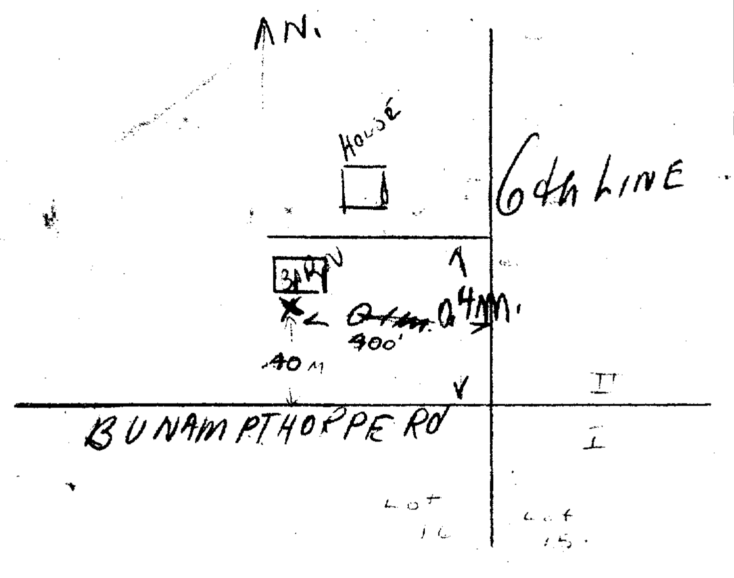
1 ☒ ~~DOMESTIC~~; 2 ☒ STOCK; 3 ☐ IRRIGATION; 4 ☐ INDUSTRIAL; ☐ OTHER; 5 ☐ COMMERCIAL; 6 ☐ MUNICIPAL; 7 ☐ PUBLIC SUPPLY; 8 ☐ COOLING OR AIR CONDITIONING; 9 ☐ NOT USED

METHOD OF DRILLING

1 ☐ CABLE TOOL; 2 ☐ ROTARY (CONVENTIONAL); 3 ☐ ROTARY (REVERSE); 4 ☐ ROTARY (AIR); 5 ☐ AIR PERCUSSION; 6 ☒ BORING; 7 ☐ DIAMOND; 8 ☐ JETTING; 9 ☐ DRIVING

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS:

CONTRACTOR

NAME OF WELL CONTRACTOR: Milton Well Boring | LICENCE NUMBER: 5637

ADDRESS: 6751 Walkers Line RR2 Milton

NAME OF DRILLER OR BORER: Marcel Peltier | LICENCE NUMBER: 5637

SIGNATURE OF CONTRACTOR: [signature] | SUBMISSION DATE DAY MO. YR.

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 3637 | DATE RECEIVED 261170

DATE OF INSPECTION 9/3/71 | INSPECTOR

REMARKS: CSS.S8

OWRC COPY

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 2806530 MUNICIP CON. DNS

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
HALTON	TOWN OF OAKVILLE	CON. 2	15

[redacted]1,6TH.LINE,OAKVILLE,ONT.L6J 422

DATE COMPLETED: DAY 25 MO 10 YR 86

NG | RC | ELEVATION | RC | BASIN CODE | II | III | IV

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BROWN	CLAY		LOOSE	0	5
BROWN	SANDY CLAY		LOOSE	5	18
GREY	SANDY CLAY	X&XXXXXXXXXX	LOOSE	18	29
GREY	SANDY CLAY &	BOULDERS	LOOSE	29	31
GREY	CLAY		LOOSE	31	40
GREY	SAND & FINE GRAVEL		XXXXX PACKED	40	48
GREY	SAND		PACKED	48	55
GRET	SAND &	COARSE GRAVEL	LOOSE	55	60
RED	SHALE		HARD	60	80

31
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13 1½@72	1 ☒ FRESH 3 ☐ SULPHUR 14; 2 ☐ SALTY 4 ☐ MINERAL
15-18 1½@75	1 ☐ FRESH 3 ☐ SULPHUR 19; 2 ☒ SALTY 4 ☐ MINERAL
20-23	1 ☐ FRESH 3 ☐ SULPHUR 24; 2 ☐ SALTY 4 ☐ MINERAL
25-28	1 ☐ FRESH 3 ☐ SULPHUR 29; 2 ☐ SALTY 4 ☐ MINERAL
30-33	1 ☐ FRESH 3 ☐ SULPHUR 34; 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
10-11 6¼	1 ☒ STEEL 12; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE	.188	1	60
17-18	1 ☐ STEEL 19; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☒ OPEN HOLE		60	80
24-25	1 ☐ STEEL 26; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.) 31-33	DIAMETER 34-38 INCHES	LENGTH 39-40 FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN 41-44 FEET	30

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13	14-17	
18-21	22-25	
26-29	30-33 80	

71 PUMPING TEST

PUMPING TEST METHOD 10: 1 ☐ PUMP 2 ☒ BAILER

PUMPING RATE 11-14: 1½ GPM

DURATION OF PUMPING 15-16 HOURS 2 — 17-18 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 ☒ PUMPING 2 ☐ RECOVERY) 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
19-21 FEET	22-24 79 FEET	25-28 79 FEET	29-31 79 FEET	32-34 79 FEET	35-37 79 FEET

IF FLOWING, GIVE RATE 38-41 GPM

PUMP INTAKE SET AT FEET

WATER AT END OF TEST 42: 1 ☐ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☐ DEEP

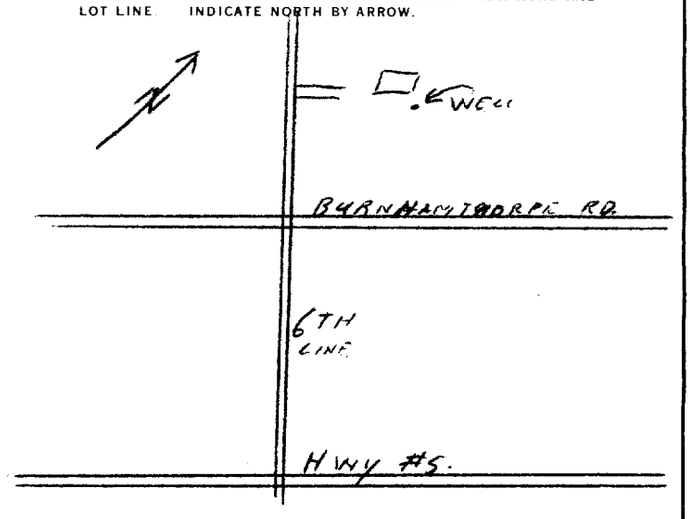
RECOMMENDED PUMP SETTING 43-45 FEET

RECOMMENDED PUMPING RATE 46-49 GPM

50-53

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS

00297

54 FINAL STATUS OF WELL

1 ☒ WATER SUPPLY; 2 ☐ OBSERVATION WELL; 3 ☐ TEST HOLE; 4 ☐ RECHARGE WELL; 5 ☐ ABANDONED, INSUFFICIENT SUPPLY; 6 ☐ ABANDONED, POOR QUALITY; 7 ☐ UNFINISHED

55-56 WATER USE

1 ☒ DOMESTIC; 2 ☐ STOCK; 3 ☐ IRRIGATION; 4 ☐ INDUSTRIAL; ☐ OTHER; 5 ☐ COMMERCIAL; 6 ☐ MUNICIPAL; 7 ☐ PUBLIC SUPPLY; 8 ☐ COOLING OR AIR CONDITIONING; 9 ☐ NOT USED

57 METHOD OF DRILLING

1 ☒ CABLE TOOL; 2 ☐ ROTARY (CONVENTIONAL); 3 ☐ ROTARY (REVERSE); 4 ☐ ROTARY (AIR); 5 ☐ AIR PERCUSSION; 6 ☐ BORING; 7 ☐ DIAMOND; 8 ☐ JETTING; 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: OCONNOR WELL DRILLING LTD.
LICENCE NUMBER: 4005 (4005)

ADDRESS: RR # 1 MILLGROVE ONT LOR IVO

NAME OF DRILLER OR BORER: W.HOWE
LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: J.B. O'Connor
SUBMISSION DATE: DAY ____ MO. ____ YR. ____

OFFICE USE ONLY

DATA SOURCE 58 | CONTRACTOR 59-62 | DATE RECEIVED 07 11 86 63-66 | 30

DATE OF INSPECTION | INSPECTOR

REMARKS

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506—4—77 FORM 7

Ministry of the Environment
Ontario

The Ontario Water Resources Act
WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 — 2808465 — MUNICIP 28605 — CON. D.S. N. 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
[redacted]	of Oakville	Con.North of Dundas Steet 2	15

[redacted] c/o Water & Earth Science Associates — DATE COMPLETED: DAY 15 MO Jan. YR 96
~~482 Victoria St. S. Kitchener, ON~~

ELEVATION — BASIN CODE — '96 JUL 10 PM 1:58

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

CENTRAL REGION

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
		ABANDONMENT OF DUG WELL		0	27
		60" Diameter - 27 feet deep			
		to MOEE Specifications			

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERALS ☐ GAS
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERALS ☐ GAS
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERALS ☐ GAS
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERALS ☐ GAS
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERALS ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	TO
	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE ☐ PLASTIC			
	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE ☐ PLASTIC			
	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE ☐ PLASTIC			

SCREEN

SIZE(S) OF OPENING (SLOT NO.) — DIAMETER INCHES — LENGTH FEET
MATERIAL AND TYPE — DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
0	27	Bentonite Grout

71 PUMPING TEST

PUMPING TEST METHOD: ☐ PUMP ☐ BAILER — PUMPING RATE GPM — DURATION OF PUMPING HOURS MINS

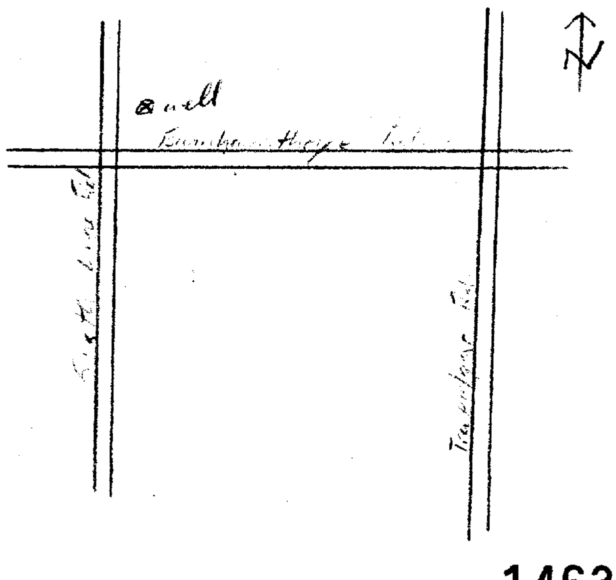
STATIC LEVEL — WATER LEVEL END OF PUMPING — WATER LEVELS DURING ☐ PUMPING ☐ RECOVERY: 15 MINUTES FEET, 30 MINUTES FEET, 45 MINUTES FEET, 60 MINUTES FEET

IF FLOWING, GIVE RATE GPM — PUMP INTAKE SET AT FEET — WATER AT END OF TEST ☐ CLEAR ☐ CLOUDY

RECOMMENDED PUMP TYPE ☐ SHALLOW ☐ DEEP — RECOMMENDED PUMP SETTING FEET — RECOMMENDED PUMPING RATE GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS

146321

FINAL STATUS OF WELL

☐ WATER SUPPLY ☐ OBSERVATION WELL ☐ TEST HOLE ☐ RECHARGE WELL ☒ ABANDONED, INSUFFICIENT SUPPLY ☒ ABANDONED, POOR QUALITY ☐ UNFINISHED ☐ DEWATERING

WATER USE

☐ DOMESTIC ☐ STOCK ☐ IRRIGATION ☐ INDUSTRIAL ☐ OTHER ☐ COMMERCIAL ☐ MUNICIPAL ☐ PUBLIC SUPPLY ☐ COOLING OR AIR CONDITIONING ☒ NOT USED

METHOD OF CONSTRUCTION

☐ CABLE TOOL ☐ ROTARY (CONVENTIONAL) ☐ ROTARY (REVERSE) ☐ ROTARY (AIR) ☐ AIR PERCUSSION ☐ BORING ☐ DIAMOND ☐ JETTING ☐ DRIVING ☐ DIGGING ☐ OTHER

CONTRACTOR

NAME OF WELL CONTRACTOR: Davidson Well Drilling Limited — WELL CONTRACTOR'S LICENCE NUMBER: 1737
ADDRESS: Box 486, Wingham, Ontario NOG 2W0
NAME OF WELL TECHNICIAN: D.Wm. Davidson — WELL TECHNICIAN'S LICENCE NUMBER: T0926
SIGNATURE OF TECHNICIAN/CONTRACTOR: [signature] — SUBMISSION DATE: DAY 31 MO Jan YR 96

OFFICE USE ONLY

DATA SOURCE — CONTRACTOR 1737 — DATE RECEIVED JUN 21 1996
DATE OF INSPECTION — INSPECTOR
REMARKS: COULD NOT LOCATE ORIGINAL W.W. RECORD. JUNE 22/96. AS.

MINISTRY OF THE ENVIRONMENT COPY — FORM NO. 0506 (11/86) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 — 2809621 — MUNICIP. 28605 — CON.

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON. BLOCK, TRACT, SURVEY, ETC	LOT
HALTON	TOWN OF OAKVILLE		

OWNER (SURNAME FIRST)	ADDRESS	DATE COMPLETED
CONSERVATION HALTON	2596 Britannia Rd. W., RR#2, MILTON	DAY 7 MO 12 YR 01

21 — UTM ZONE — EASTING — NORTHING — RC — ELEVATION — RC — BASIN CODE — II — III — IV

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BLACK	TOPSOIL			0	1
BROWN	SILT	CLAY	DENSE	1	13
GREY	CLAY	SILT	DENSE	13	29
GREY	SILT	CLAY, STONES	DENSE	29	42
GREY	FINE SAND		LAYERED	42	49

NOTE: WELL COMPLETED AT THE HALTON REGION MOORE RESERVOIR PROPERTY (6TH LINE, N. OF BURNHAMTHORPE Rd)

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
42	1 ☒ FRESH 2 ☐ SALTY — 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY — 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY — 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY — 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY — 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
2	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☒ PLASTIC		0	39
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
10-SLOT	2 INCHES	10 FEET

MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN
SLOTTED PVC PLASTIC	39 FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
0	36	BENTONITE GROUT

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
NOT PUMPED ☐ PUMP ☐ BAILER	— GPM	HOURS MINS

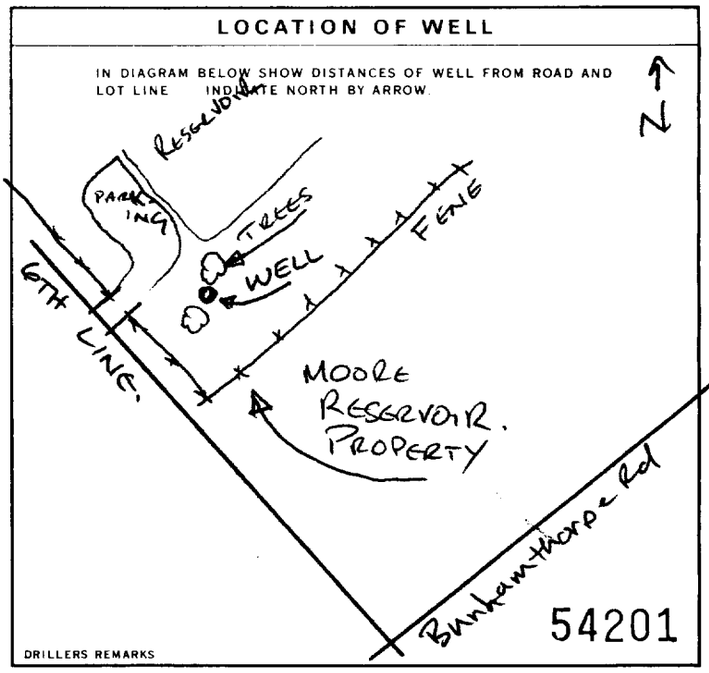
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
N/A FEET	— FEET	1 ☐ PUMPING 2 ☐ RECOVERY	— FEET	— FEET	— FEET	— FEET

IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	NONE FEET	N/A 1 ☐ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
NONE ☐ SHALLOW ☐ DEEP	NONE FEET	NONE GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



54201

DRILLERS REMARKS

FINAL STATUS OF WELL

1 ☐ WATER SUPPLY — 2 ☒ OBSERVATION WELL — 3 ☐ TEST HOLE — 4 ☐ RECHARGE WELL — 5 ☐ ABANDONED, INSUFFICIENT SUPPLY — 6 ☐ ABANDONED, POOR QUALITY — 7 ☐ UNFINISHED — ☐ DEWATERING

WATER USE

1 ☐ DOMESTIC — 2 ☐ STOCK — 3 ☐ IRRIGATION — 4 ☐ INDUSTRIAL — ☐ OTHER — 5 ☐ COMMERCIAL — 6 ☐ MUNICIPAL — 7 ☐ PUBLIC SUPPLY — 8 ☐ COOLING OR AIR CONDITIONING — 9 ☒ NOT USED

METHOD OF CONSTRUCTION

1 ☐ CABLE TOOL — 2 ☐ ROTARY (CONVENTIONAL) — 3 ☐ ROTARY (REVERSE) — 4 ☐ ROTARY (AIR) — 5 ☐ AIR PERCUSSION — 6 ☐ BORING — 7 ☐ DIAMOND — 8 ☐ JETTING — 9 ☐ DRIVING — ☐ DIGGING — ☒ OTHER

CONTRACTOR

NAME OF WELL CONTRACTOR	WELL CONTRACTOR'S LICENCE NUMBER
ALL-TERRAIN DRILLING LIMITED	1129

ADDRESS: 3-661 COLBY DR. WATERLOO ONT. N2V1C2

NAME OF WELL TECHNICIAN	WELL TECHNICIAN'S LICENCE NUMBER
MIKE POLLICK	268

SIGNATURE OF TECHNICIAN/CONTRACTOR

SUBMISSION DATE: DAY 02 MO 08 YR 02

OFFICE USE ONLY

DATA SOURCE — CONTRACTOR 1129 — DATE RECEIVED AUG 12 2002

DATE OF INSPECTION — INSPECTOR

REMARKS

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Ministry's Copy

Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☑ Imperial

Well A 073763 (nt Below)

A073763

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
STAROAK DEVELOPMENTS LIMITED	(% R.J. BURNSIDE & ASSOCIATES LIMITED)		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
145 REYNOLDS STREET, SUITE 400	OAKVILLE	ONTARIO	L6J 0A7	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
6TH LINE, SOUTH OF HWY. 407			

County/District/Municipality	City/Town/Village	Province	Postal Code
	OAKVILLE	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	17	600684	4816918		

Overburden and Bedrock Materials/Abandonment Sealing Record *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) FT From	To
BROWN	TOPSOIL			0	1'
GREY	CLAY SILT TILL			1'	25'
RED/BROWN	CLAY SAND SILT TILL			25'	30'

Annular Space

FEET

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
0	15'	BENTONITE HOLEPLUG	
15'	27.5'	SILICA SAND	
27.5'	30'	BENTONITE HOLEPLUG	

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☐ Air percussion
☑ Other, specify AUGER

Well Use

☐ Public ☐ Commercial ☐ Not used
☐ Domestic ☐ Municipal ☐ Dewatering
☐ Livestock ☑ Test Hole ☑ Monitoring
☐ Irrigation ☐ Cooling & Air Conditioning
☐ Industrial
☐ Other, specify

Construction Record - Casing

FEET

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
2"	PLASTIC	SCH 40	0	17'

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
2"	PLASTIC	0.010	17'	27'

Status of Well

☐ Water Supply
☐ Replacement Well
☑ Test Hole
☐ Recharge Well
☐ Dewatering Well
☑ Observation and/or Monitoring Hole
☐ Alteration (Construction)
☐ Abandoned, Insufficient Supply
☐ Abandoned, Poor Water Quality
☐ Abandoned, other, specify
☐ Other, specify

Water Details

Water found at Depth (m/ft)	Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify
Water found at Depth (m/ft)	Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify
Water found at Depth (m/ft)	Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	30'	8"

Results of Well Yield Testing

After test of well yield, water was:
☐ Clear and sand free
☐ Other, specify

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ____ hrs + ____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
50		50	
60		60	

Map of Well Location

Please provide a map below following instructions on the back.

SEE ATTACHED

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
LANTECH DRILLING SERVICES INC.	6809

Business Address (Street Number/Name)	Municipality
3661 MT. ALBERT ROAD	SHARON

Province	Postal Code	Business E-mail Address
ONTARIO	L0G 1V0	

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
9054782243	MIKE SOKOLOW

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
2381		20080922

Well owner's information package delivered: ☐ Yes ☑ No

Date Package Delivered: YYYY MM DD

Date Work Completed: 20080915

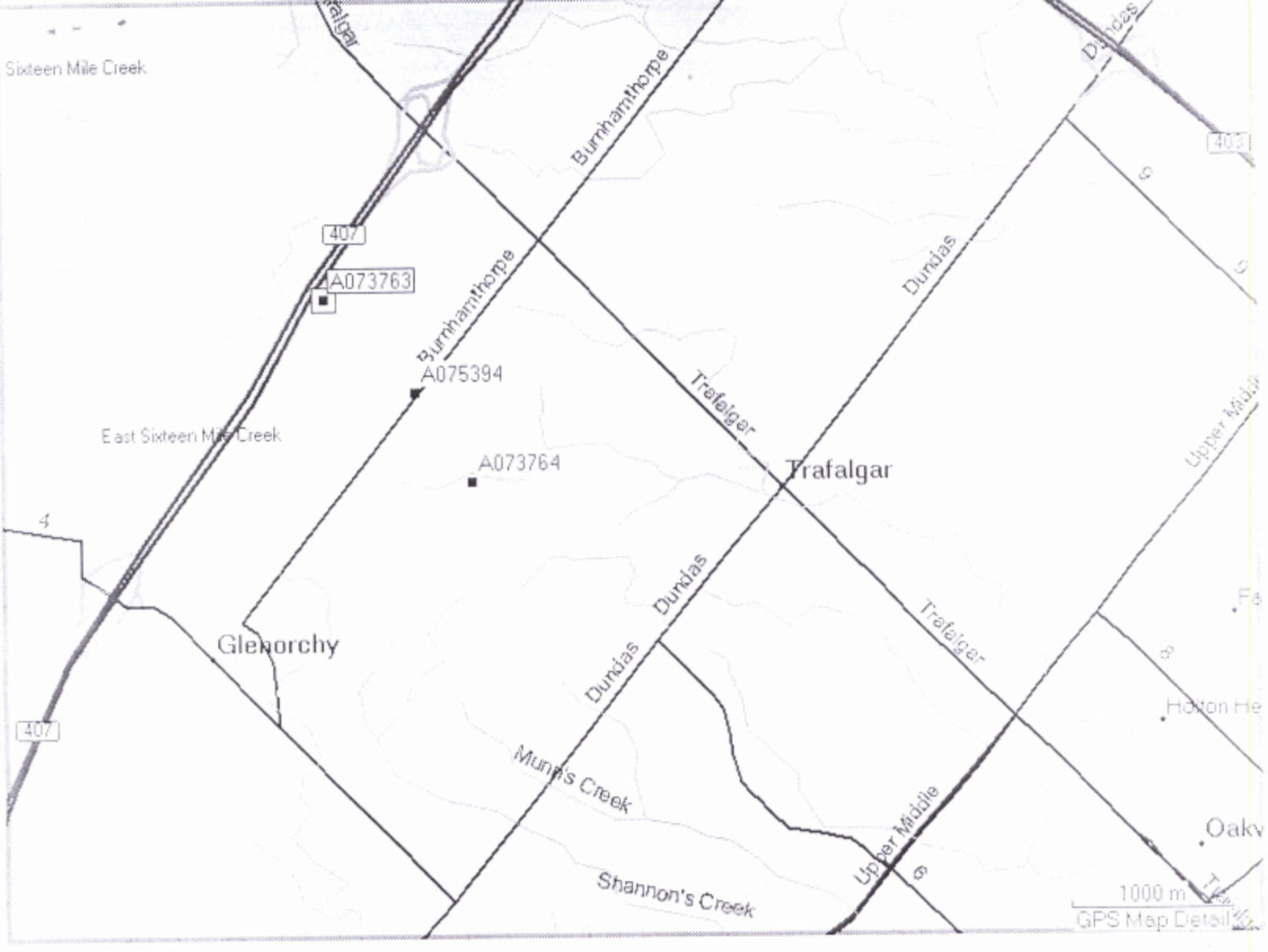
Ministry Use Only

Audit No. Z 82816

Received NOV 12 2008

0506E (12/2007)

Ministry's Copy



Ontario

Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7279985
Well Audit Number: *Z251766*
Well Tag Number: *A194043*

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	4182 6TH LINE
Township	OAKVILLE TOWN
Lot	
Concession	
County/District/Municipality	HALTON
City/Town/Village	Oakville
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 17 Easting: 600925.00 Northing: 4816994.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To

	FILL		0 ft	5 ft
	SILT	CLAY	5 ft	10 ft
	TILL	HARD	10 ft	25 ft
BRWN	SILT	CLAY	25 ft	30 ft
BRWN	SILT	CLAY	30 ft	40 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	33 ft	BENTONITE	

Method of Construction & Well Use

Method of Construction	Well Use
Auger	
	Monitoring

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
2 inch	PLASTIC	0 ft	35 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
2.5 inch	PLASTIC	35 ft	40 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7360

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time (min)	Draw Down Water level	Recovery Time (min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind

Hole Diameter

Depth From	Depth To	Diameter
0 ft	40 ft	6.33 inch

Audit Number: Z251766

Date Well Completed: April 19, 2016

Date Well Record Received by MOE: January 31, 2017

Updated: January 24, 2020

Ontario

Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7279986
Well Audit Number: *Z251768*
Well Tag Number: *A193999*

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	4182 6TH LINE
Township	OAKVILLE TOWN
Lot	
Concession	
County/District/Municipality	HALTON
City/Town/Village	Oakville
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 17 Easting: 600890.00 Northing: 4816946.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To

FILL		0 ft	5 ft
SILT	CLAY	5 ft	20 ft
FILL	HARD	20 ft	25 ft
FILL	HARD	25 ft	30 ft
SILT	CLAY	30 ft	35 ft
CLAY		35 ft	40 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	33 ft	BENTONITE	

Method of Construction & Well Use

Method of Construction	Well Use
Auger	
	Monitoring

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
2 inch	PLASTIC	0 ft	35 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
2.5 inch	PLASTIC	35 ft	40 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7360

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time (min)	Draw Down Water level	Recovery Time (min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
40 ft	

Hole Diameter

Depth From	Depth To	Diameter
0 ft	40 ft	6.4 inch

Audit Number: Z251768

Date Well Completed: April 12, 2016

Date Well Record Received by MOE: January 31, 2017

Updated: January 24, 2020

Ontario

Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue.

Go Back to Map

Well ID

Well ID Number: 7279988
Well Audit Number: *Z251767*
Well Tag Number: *A201919*

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	4182 6TH LINE
Township	OAKVILLE TOWN
Lot	
Concession	
County/District/Municipality	HALTON
City/Town/Village	Oakville
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 17 Easting: 600991.00 Northing: 4817071.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To

FILL		0 ft	5 ft
SILT	CLAY	5 ft	10 ft
SILT	CLAY	10 ft	15 ft
SILT	CLAY	15 ft	20 ft
	HARD	20 ft	25 ft
		25 ft	30 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	22 ft	BENTONITE	

Method of Construction & Well Use

Method of Construction	Well Use
Auger	
	Monitoring

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
2 inch	PLASTIC	0 ft	25 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
2.5 inch	PLASTIC	25 ft	30 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7360

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time (min)	Draw Down Water level	Recovery Time (min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind

Hole Diameter

Depth From	Depth To	Diameter
0 ft	30 ft	6.4 inch

Audit Number: Z251767

Date Well Completed: April 19, 2016

Date Well Record Received by MOE: January 31, 2017

Updated: January 24, 2020

Kelsey Brown

From: Lesley Gill Woods <lesley.gill-woods@oakville.ca>
Sent: Monday, May 25, 2020 9:09 PM
To: Kelsey Brown
Subject: RE: 40170-186 Phase I ESA Information Request

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Kelsey – Your message got lost in my inbox. I don't typically receive inquiries like yours. I found most of the following information by searching "4243 Sixth Line" on the Town's website.

The property – the Biggar Farm – was identified as a significant cultural heritage landscape as part of the town's Cultural Heritage Landscape (CHL) Strategy (approx. 2015-now).

General Info: https://www.oakville.ca/business/cultural-heritage-landscape-strategy.html

Phase 1 Assessment: https://www.oakville.ca/assets/general%20-%20business/59-Biggar-Farm-4243-Sixth-Line.pdf

Phase 2 Report: https://www.oakville.ca/assets/2011%20planning/final_4243sixth_report_3may2017.pdf

Phase 3: Ongoing; will recommend appropriate conservation measures

For more information, please contact Susan Schappert, Heritage Planner at: susan.schappert@oakville.ca

Note – The property is on the town's Heritage Register, Section F – Listed Properties (NOT Designated). The Register says that 4243 Sixth Line "has potential cultural heritage value for its historic farmstead, including the Victorian style brick farmhouse, barn and outbuildings."

General Heritage Planning Info: https://www.oakville.ca/business/heritage-planning.html
Direct Link to Heritage Register Page: https://www.oakville.ca/business/heritage-properties.html

The property is also mentioned in the Sixth Line Class Environmental Assessment Study documentation (2012-2014). More information may be accessed through the study webpage:

https://www.oakville.ca/residents/eas-sixth-line.html

As for the Official Plan, the North Oakville East Secondary Plan applies. It designates the lands closest to Highway 407 as Employment District. It is noted that a very small portion of the property (northwest corner) and adjacent lands to the north (yet south of Highway 407), are actually within the Town of Milton.

https://www.oakville.ca/townhall/new-communities-of-oakville-policy.html

You may contact the Building Services department directly at: building@oakville.ca

Lesley

Lesley Gill Woods, MCIP, RPP
Senior Planner, Policy Planning and Heritage
Planning Services
Town of Oakville | 905-845-6601, ext.3261 | f: 905-338-4414 | www.oakville.ca

Complete our Community Development customer service survey

Canada's Best Place to Live (MoneySense 2018)
Please consider the environment before printing this email.
http://www.oakville.ca/privacy.html

From: Kelsey Brown <KBrown@mte85.com>
Sent: May 14, 2020 8:37 PM
To: Lesley Gill Woods <lesley.gill-woods@oakville.ca>
Subject: 40170-186 Phase I ESA Information Request

Hi Lesley,

I am hoping you can help me or direct this request to the appropriate person.

MTE Consultants Inc. has been retained to conduct a Phase I Environmental Site Assessment of the property located at 4243 Sixth Line in Oakville, Ontario. We would like to request any information and/or environmental records pertaining to the property that may be on file with the planning or building departments.

I would appreciate a verbal or written response, at your earliest convenience.

If you have any questions, please do not hesitate to contact me directly at 519-239-7258.

Thank you,
Kelsey

Kelsey Brown, B.E.S. | **Environmental Scientist**
MTE Consultants Inc.
T: 519-743-6500 x1319 | KBrown@mte85.com
520 Bingemans Centre Drive, Kitchener, Ontario N2B 3X9
www.mte85.com | Twitter | LinkedIn | Instagram | Facebook

COVID-19 Update: We remain operational and are currently available by email and phone, however, our offices are closed. Staff that are required to visit job sites or perform field work are required to follow MTE health and safety policies and procedures, as well as additional COVID-19 protocols, which can be viewed here.

Kelsey Brown

From: Jeffrey Lee <jeffrey.lee@oakville.ca>
Sent: Friday, May 29, 2020 11:53 AM
To: Kelsey Brown
Cc: ServiceOakville
Subject: RE: 40170-186 Phase I ESA Information Request

Good morning Kelsey,

Please send the request to our Freedom of Information office for the ESA request. You can find more information on this webpage: https://www.oakville.ca/townhall/freedom-of-information.html

It has the instruction on how to submit a request. Thank you and have a great day!

Regards,
Jeffrey

Jeffrey Lee
Research Policy Analyst
Development Engineering
Town of Oakville | 905-845-6601, ext.3149 | www.oakville.ca

Complete our Community Development customer service survey

Canada's Best Place to Live (MoneySense 2018)

From: ServiceOakville
Sent: Friday, May 29, 2020 11:28 AM
To: 'Kelsey Brown' <KBrown@mte85.com>; Jeffrey Lee <jeffrey.lee@oakville.ca>
Subject: RE: 40170-186 Phase I ESA Information Request

Dear Kelsey,

Thank you for your email. I am forwarding your email to the Research Policy Analyst in the Development Engineering department for his response.

Sincerely,

Jessica

ServiceOakville | Town of Oakville | 905-845-6601 | www.oakville.ca
Report a problem using ServiceOakville online:

Canada's Best Place to Live (MoneySense 2018)

From: Kelsey Brown <KBrown@mte85.com>
Sent: May 29, 2020 9:25 AM
To: Building <Building@oakville.ca>
Subject: 40170-186 Phase I ESA Information Request

Good Morning,

MTE Consultants Inc. has been retained to conduct a Phase I Environmental Site Assessment of the property located at 4243 Sixth Line in Oakville, Ontario. We would like to request any information and/or environmental records pertaining to the property that may be on file with the building department.

I would appreciate a verbal or written response, at your earliest convenience.

If you have any questions, please do not hesitate to contact me directly at 519-239-7258.

Thank you,
Kelsey

Kelsey Brown, B.E.S. | Environmental Scientist
MTE Consultants Inc.
T: 519-743-6500 x1319 | KBrown@mte85.com
520 Bingemans Centre Drive, Kitchener, Ontario N2B 3X9
www.mte85.com | Twitter | LinkedIn | Instagram | Facebook

COVID-19 Update: We remain operational and are currently available by email and phone, however, our offices are closed. Staff that are required to visit job sites or perform field work are required to follow MTE health and safety policies and procedures, as well as additional COVID-19 protocols, which can be viewed here.

Appendix D

Inspection and Interview Records

Site Address:	4243 Sixth Line, Oakville	**MTE File No.:**	40170-186
		Date/Time:	May 27, 2020
MTE Representative:	Kelsey Brown & Carol Mitchell		
Name of Site Contact:	Robert Anderson		
Weather Conditions:	28°C, sunny		

Section 1: Site Setting, Occupant Information, and Operations

Provide a sketch in the space below (or attach a site plan) showing topographic conditions and locations of structures, fuel storage tanks, watercourses, ditches, standing water, parking facilities, evidence of asphalt or floor repairs, roads, rights-of-way, and lagoons on or adjacent to the Site.

Refer to Figure 2.

1.1 Who is/are the current occupant(s)/tenant(s) of the Site?

Provide a brief description of operations and housekeeping observed during the inspection.

The Site is currently unoccupied. Bell Cellular Inc. is the owner of the Site. A cellular tower (W0034), cabinets/shelters and stand-by diesel generator are located within a locked, chain-link fence compound on the east central portion of the Site.

A residential dwelling is located on the west central portion and multiple farm buildings are located on the central portion of the Site. The drive shed and barn are surrounded by a chain-link security fence. A locked gate is located at the entrance to the Site. A significant amount of soil dumping has occurred across the Site.

1.2 What is the current type of property use (check all that apply)?

☐ Commercial use	☐ Industrial use
☐ Community use	☒ Residential use
☐ Institutional use	☐ Parkland use
☒ Agricultural or other use	☐ Vacant (confirm last known use)

1.3 Was any evidence observed of the following operations at the Site?

Agricultural / Potential Pesticide Use	☒ Yes	☐ No
Bulk liquid dispensing (e.g., gasoline outlet)	☐ Yes	☒ No
Dry Cleaning (Depot or Facility)	☐ Yes	☒ No
Machine Shop	☐ Yes	☒ No
Manufacturing	☐ Yes	☒ No
Rail yards, tracks and spurs	☐ Yes	☒ No
Vehicle maintenance or repairs	☐ Yes	☒ No
Waste Treatment, Disposal, or Recycling	☐ Yes	☒ No

Section 2: Building Information and Special Attention Items

2.1 Are there existing buildings at the Site?

☒ Yes ☐ No

If yes, list the existing buildings and describe observed uses, construction type, additions, etc.

MTE did not enter any on-Site buildings. All buildings have been secured and locked as they are unsafe to enter.

Residential dwelling (red brick, aluminum siding). Rear of the dwelling may have been constructed prior to the remainder of the house.
Milk house (concrete block)
Newer barn (aluminum siding)
Drive shed (wood)
Bank barn (wood) + two silos

2.2 Was any evidence observed of loading docks or shipping/receiving bays?

☐ Yes ☒ No

If yes, describe.

2.3 Was any evidence observed of pits or other similar floor openings or depressions?

☐ Yes ☒ No

If yes, describe.

Unknown, could not enter buildings.

2.4 Was any evidence observed of heating systems associated with the building(s)?

☒ Yes ☐ No

Fuel source: ☐ Natural Gas ☐ Fuel Oil ☐ Electric ☒ Other (describe below)

Residential dwelling and milk had chimneys (wood burning). Additional fuel sources unknown.

2.5 Was any evidence observed of mould/water damage or roof leaks in the building(s)?

☐ Yes ☐ No

If yes, describe.

Unknown, did not enter buildings. Roofs of barn and drive shed did not appear in good condition. Owner reported flooding of residence basement.

2.6 Was any evidence noted of odours or other concerns related to indoor air quality?

☐ Yes ☐ No

If yes, please describe.

N/A

2.7 Was any evidence observed of the following suspected asbestos-containing material?

Building Insulation	☐ Yes	☐ No
Transite wall board, siding, or roof panels	☐ Yes	☐ No
Pipe Wrap/Insulation	☐ Yes	☐ No
Boiler Insulation	☐ Yes	☐ No
Tank Linings	☐ Yes	☐ No
Ceiling Tiles	☐ Yes	☐ No
Floor Tiles	☐ Yes	☐ No
Plaster	☐ Yes	☐ No
Expansion Joint	☐ Yes	☐ No
Thermal Insulation	☐ Yes	☐ No
Spray Fire-Proofing	☐ Yes	☐ No

If yes to any of the above, describe the location and condition.

N/A - did not observe building interiors

2.8 Was any evidence observed of potential PCB-containing equipment, including transformers, florescent light ballasts/capacitors?

☒ Yes ☐ No

If yes, describe.

Two pole mounted transformers were observed. Unknown whether they are PCB-containing.

2.9 Was any evidence observed of potential lead-containing materials in the building(s), including interior/exterior paint or lead pipes?

☐ Yes ☐ No

If yes, describe.

N/A - did not observe building interiors

2.10 Was any evidence observed of potential ozone-depleting substances (for example, refrigeration or air conditioning equipment in place before 1998)?

☒ Yes ☐ No

If yes, describe.

Former A/C unit has been removed from the house. A/C unit in tower compound.

2.11 Was any evidence observed of potential UFFI-containing materials in the building(s)?

☐ Yes ☐ No

If yes, describe.

N/A - did not observe building interiors

2.12 Was any evidence observed of potential major or persistent sources of noise and/or vibration, odours, or electric and magnetic fields (e.g., high voltage power lines)?

☒ Yes ☐ No

If yes, describe.

Highway 407 to the north could be considered a persistent source of noise.

Section 3: Site Services

3.1 Was any evidence observed of the following site services (check all that apply)?

Potable Water Supply	☐ Municipal	☐ Private Well	☒ None
Wastewater (sewage) system	☐ Municipal	☒ Septic System	☐ None
Stormwater management ponds	☐ Yes	☒ No	
Catch basins	☐ Yes	☒ No	
Electricity Service	☐ Underground	☒ Overhead	☐ None
Telecommunication Service	☐ Underground	☒ Overhead	☐ None
Natural Gas Service	☐ Underground	☒ None	

If applicable, describe on-Site water supply wells (and any treatment systems) and/or septic systems.

Private well was not observed. Possible septic system observed at residence. A man-made pond is located on the northwest corner of the Site, and a small marsh area is located in the southwest portion of the Site. Overhead hydro is present to all buildings and cell tower. Bell telecom observed at dwelling.

3.2 Was any evidence observed of back-up generators or emergency power systems?

☒ Yes ☐ No

If yes, describe fuel source.

Back-up diesel generator located in tower compound.

3.3 Was any evidence observed of potential drainage issues (e.g., floodplain, surface water ponding, flooding, etc.)?

☒ Yes ☐ No

If yes, describe.

A small marsh area is present in the southwest portion of the Site. Reportedly, there is flooding in the basement of the dwelling.

Section 4: Site Operations

4.1 Was any evidence observed of hydraulic equipment (e.g., in-ground vehicle hoists, elevators, loading docks, cranes, presses, compactors) on the Site?

☐ Yes ☒ No

If yes, describe.

4.2 Was any evidence observed of equipment, vehicle or plant floor wash down at the Site?

☐ Yes ☒ No

If yes, describe.

4.3 Was any evidence observed of fires (e.g., building fires, waste incineration, brush fires, etc.)?

☐ Yes ☒ No

If yes, describe.

4.4 Was any evidence observed of dust control activities at the Site?

☐ Yes ☒ No

If yes, list dust control methods and products used.

4.5 Was any evidence observed of salt or any other de-icing chemical storage or application?

☐ Yes ☒ No

If yes, describe product(s) observed, storage and application practices.

Section 5: Fuel Storage and Handling

5.1 Was any evidence observed of existing aboveground or underground fuel storage tanks observed at the Site?

☒ Yes ☐ No

If yes, describe type and contents, any observations related to construction material, secondary containment, rusting, or surface spills, and any label information regarding capacity, year, spill containment type, etc.

There is a back-up diesel generator within the tower compound located within a portable trailer. There was no evidence of staining on the concrete pad beneath the trailer.

5.2 Was any evidence observed of former aboveground or underground fuel storage tanks removed in the past (e.g., fill or vent pipes, copper fuel lines, boiler room pipe openings)?

☒ Yes ☐ No

If yes, describe.

Remnant infrastructure in the location of a reported former fuel tank was observed on the north side of the drive shed.

5.3 Was any evidence observed of fuel pumps or fueling systems on the Site?

☐ Yes ☒ No

If yes, describe.

5.4 Was any evidence observed of jerry cans, drums or totes containing fuel/oil/lubricants?

☐ Yes ☒ No

If yes, describe.

Section 6: Waste Oils, Chemicals, Liquid Wastes, Solid Wastes

6.1 Was any evidence observed of waste oils or liquid industrial wastes?

☐ Yes ☒ No

If yes, describe locations of waste oil tanks or drums, and any evidence of spills or leaks.

6.2 Was any evidence observed of oil-water separators, sumps, and/or floor drains at the Site?

☐ Yes ☒ No

If yes, describe location, suspected source of incoming liquid, and effluent discharge location.

6.3 Was any evidence observed of chemicals, solvents, unidentified substances, or hazardous materials (e.g. mercury or nuclear gauges) stored or used at the Site, including washbasins?

☐ Yes ☒ No

If yes, provide an inventory of substances, obtain copies of Safety Data Sheets SDS) where available, and describe usage and storage practices.

6.4 Was any evidence observed of the following solid waste storage practices?

Refuse dumpsters/bins	☐ Yes	☒ No
Recycling dumpsters/bins	☐ Yes	☒ No
Drums	☐ Yes	☒ No
Waste piles	☒ Yes	☐ No
Illegal dumping	☒ Yes	☐ No
Surface impoundment	☐ Yes	☒ No
Scrap metals	☐ Yes	☒ No
Batteries (non-household type)	☐ Yes	☒ No
Other	☒ Yes	☐ No

If yes to any of the above, describe storage practices and locations on the Site.

Minimal waste (including tires, scrap metal, wood) was located around the exterior of the some of the on-Site buildings at east of the tower compound. Illegal dumping of soil has occurred across the Site. A manure pit is located east of the farm buildings. It is noted that some of the soil dumped at the Site has been placed on top of the manure pit.

6.5 Was any evidence observed of past placement of solid waste or soil (fill, gravel, topsoil, etc.) including stockpiles?

☒ Yes ☐ No

If yes, describe suspected purpose (e.g., grading, filling low areas, berms, etc.).

Dumping of soil has occurred across a large portion of the property. A large pile of reddish soil has been placed on the northeast potion of the Site. Grey shale material has been placed south of the interior laneway, and in a U-shape around the farm buildings.

Section 7: Spills

7.1 Was any evidence observed of spills (e.g., chemical, oil), discharges of contaminants at the Site, or run-off from adjacent properties, including staining, stressed vegetation, etc.?

☐ Yes ☒ No

If yes, describe.

Section 8: Environmental Compliance

8.1 Was any evidence observed of contaminant discharges from the Site to the natural environment (e.g., stack emissions, fugitive air emissions)?

☐ Yes ☒ No

If yes, describe emissions contaminants, type, and operations.

8.2 Was any evidence observed of existing wells on the Site (e.g., water supply wells, monitoring wells, gas wells)?

☐ Yes ☒ No

If yes, describe, including reference to available online well records.

Section 9: Study Area

9.1 Who is/are the current occupant(s)/tenant(s) of the adjacent property to the north of the Site? Provide a brief description of operations and housekeeping observed during the inspection.

Highway 407 is directly north of the Site. Petrie's Quality Topsoil Ltd. is located on the north side of the highway.

9.2 Who is/are the current occupant(s)/tenant(s) of the adjacent property to the east of the Site? Provide a brief description of operations and housekeeping observed during the inspection.

The land to the east is under construction (former agricultural field). A large soil pile is located immediately east of the Site.

9.3 Who is/are the current occupant(s)/tenant(s) of the adjacent property to the south of the Site? Provide a brief description of operations and housekeeping observed during the inspection.

The land to the south is under construction (former agricultural field). A large soil pile is located immediately south of the Site.

9.4 Who is/are the current occupant(s)/tenant(s) of the adjacent property to the west of the Site? Provide a brief description of operations and housekeeping observed during the inspection.

Sixth Line is located west of the Site. An agricultural field is located beyond.

9.5 Was any evidence observed of water bodies, wetlands, or potential environmentally sensitive areas within 30 metres of the Site?

☒ Yes ☐ No

If yes, describe.

The Site may be located within 30 m of a water body. A man made pond is present on the northwest portion of the Site, and a marsh area and small on-Site stream are present on the southwest portion of the Site. Further assessment of the small on-Site streams and marsh area, as well as the on-Site pond would be required to determine if these features are intermittent and/or connected to surface water bodies off-Site.

Section 10: Additional Information

10.1 Were there any limitations to the inspection (e.g., snow cover, inaccessible areas, inaccessible roof, locked rooms, etc.)?

☒ Yes ☐ No ☐ Unknown

If yes, describe.

All buildings were inaccessible (i.e. boarded up and locked). A locked, chain link fence was present around the bank barn and drive shed, and therefore MTE could not walk through the centre area. The Site was overgrown with tall grass. MTE could not observe the ground surface where soil had been dumped.

10.2 Do you have any additional comments pertaining to the Site (environmental, operations, historical information)?

☐ Yes ☒ No

If yes, describe.

Signature of MTE Representative: Kelsey Brown

Kelsey Brown, B.E.S.
I am the author of this document
2020.05.28 13:51:53 -04'00'

Note to interview candidate: please provide responses to each question, or note if unknown or not applicable as case may be. If needed, additional comments can be provided on last page.

Site Address:	4243 Sixth Line Oakville, ON	**MTE File No.:**	40170-186
		Date:	May 27, 2020

MTE Representative:	Kelsey Brown
Name of Interview Candidate:	Rob Anderson
Title of Interview Candidate:	Bell Mobility - Greater Golden Horseshoe Real Estate Advisor
Relationship to the Site:	Real Estate Advisor for owner of Site
Years Familiar with the Site:	0.3 years

Section 1: Owner and Tenant Information

1.1 Who is/are the current owner(s) of the Site?
Please provide years or ownership and full legal names (if known).

Bell Cellular Inc (now Bell Mobility) since 1992. Bell originally leased the Site in 1990 prior to purchase.

1.2 Who is/are the current tenant(s) of the Site?
Please provide a brief description of operations and years or occupancy.

No current tenant

1.3 When was the Site first developed and by whom? ☒ Unknown

1.4 Who is/are the previous owner(s) of the Site?
Please provide years of ownership and full legal names (if known) ☐ Unknown

Henrich Otto Schulz and Gertrud Schulz

1.5 Who is/are the previous tenant(s) of the Site?
Please provide years of occupation and a brief description of operations. ☐ Unknown

Gertrud Schulz to 2019

Section 2: Building Information

2.1 Are there existing or former buildings at the Site?

☒ Yes ☐ No

If yes, list and indicate former or existing buildings including year(s) of construction/demolition, construction type, etc.

Refer to Cultural Heritage report.

2.2 Are there any floor plans or engineering drawings for existing or former buildings?

☐ Yes ☒ No ☐ Unknown ☐ Not Applicable

If yes, please provide.

2.3 Are there any major ongoing or previous renovations to the existing building(s)?

☐ Yes ☐ No ☐ Unknown ☐ Not Applicable

If yes, describe

2.4 Have any additions been constructed on the existing building(s)?

☐ Yes ☐ No ☒ Unknown ☐ Not Applicable

If yes, describe.

Unknown, could not enter buildings.

2.5 Are there heating systems associated with the building(s)?

☐ Yes ☐ No ☐ Not Applicable

If yes, describe fuel source, type of heating systems, and any waste products. (e.g., combustion gases or ash).

Homestead - possible radiant heating/unknown.

2.6 Are there any current or former heating systems that use fuel oil (furnace oil) as a fuel source?

☐ Yes ☐ No ☒ Unknown

If yes, describe.

Unknown, did not enter buildings. Roofs of barn and drive shed did not appear in good condition. Owner reported flooding of residence basement.

2.7 Are there cooling systems associated with the buildings(s)?

☐ Yes ☐ No ☒ Unknown

If yes, describe fuel source, type of cooling systems, and any associated ozone- depleting materials.

Air conditioning unit within the tower compound.

2.8 Are there any loading docks or shipping/receiving bays?

☐ Yes ☒ No

If yes, describe.

Two pole mounted transformers were observed. Unknown whether they are PCB-containing.

2.9 Are there any former or current roof leaks?

☒ Yes ☐ No ☐ Unknown ☐ Not Applicable

If yes, describe.

N/A - did not observe building interiors

2.10 Are there any sumps in the building(s)?

☐ Yes ☐ No ☒ Unknown ☐ Not Applicable

If yes, describe the sump pump discharge.

2.11 Are there any areas of mould/water damage in the building(s)?

☒ Yes ☐ No ☐ Unknown ☐ Not Applicable

If yes, describe.

Former A/C unit has been removed from the house. A/C unit in tower compound.

2.12 Are there any concerns related to indoor air quality in the building(s)?

☒ Yes ☐ No ☐ Unknown ☐ Not Applicable

If yes, describe.

N/A - did not observe building interiors

2.13 Has testing for radon gas been completed in any building(s) at the Site?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

Highway 407 to the north could be considered a persistent source of noise.

2.14 Are there any asbestos, lead, urea foam formaldehyde insulation (UFFI) or PCB-containing materials in the building(s), or any previous activities involving the removal of these substances?

☒ Yes ☐ No ☐ Not Applicable

If yes, describe.

A small marsh area is present in the southwest portion of the Site. Reportedly, there is flooding in the basement of the dwelling.

Section 3: Site Services

3.1 Are any underground utility drawings available for the Site?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

3.2 Are there any easements on the Site (e.g., right-of-way, utility easements related to hydro, gas, telephone, etc.)?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

3.3 Are there back-up generators or emergency power systems at the Site?

☒ Yes ☐ No ☐ Unknown

If yes, describe fuel source

Back-up diesel generator located in tower compound.

3.4 What type of potable water supply is available at the Site?

☐ Municipal ☒ Private ☐ None

If private, describe water supply wells (number, locations, screen depths) and provide any available well logs or testing information.

Unknown.

3.5 Is a water treatment system present at the Site?

☐ Yes ☐ No ☒ Unknown

If yes, describe and provide any available testing information and/or regulatory approvals.

3.6 What type of wastewater (sewage) system is available at the Site?

☐ Municipal ☒ Private ☐ None

If private, describe locations of septic bed and tank, and provide any available permits or testing information.

Presumable septic, no details.

3.7 Is any pre-treatment of wastewater performed at the Site?

☐ Yes ☐ No ☒ Unknown

If yes, describe.

3.8 Are there any stormwater management ponds at the Site?

☒ Yes ☐ No ☐ Unknown

If yes, describe location.

Unknown whether the pond on Site is a SWM pond or previous pond for livestock.

3.9 Are there any catchbasins at the Site?

☐ Yes ☐ No ☒ Unknown

If yes, describe locations and discharge.

3.10 Are there any problems with Site drainage (e.g., basement flooding, surface water ponding, flooding, etc.)?

☒ Yes ☐ No ☐ Unknown

If yes, describe.

Remnant infrastructure in the location of a reported former fuel tank was observed on the north side of the drive shed.

3.11 Are there any electrical transformers located on the Site?

☒ Yes ☐ No ☐ Unknown

If yes, who owns them, do they contain PCBs, have they been tested?

At least one pole mounted transformer.

3.12 Are there any existing or former rail lines/spurs on the Site?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

Section 4: Site Operations

4.1 Are any plans or drawings available showing areas of production, manufacturing, chemical or waste storage in the buildings or premises?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

4.2 Are any process, production and maintenance documents available related to site operations?

☐ Yes ☒ No ☐ Unknown

If yes, please provide.

4.3 Are there any current or previous agricultural activities on the Site?

☒ Yes ☐ No ☐ Unknown

If yes, approximately what years, what crops, and what pesticides were applied?

Former chicken coop and general crops. No current farming practices. Pesticides unknown.

4.4 Are there any pesticides/herbicides/sludge applications at the Site?

☐ Yes ☐ No ☒ Unknown

If yes, when, and what products were used?

4.5 Are there any current or former vehicle maintenance, auto body or machine shop operations at the Site?

☐ Yes ☐ No ☒ Unknown

If yes, describe how the waste liquid fluids are/were handled?

None currently, unknown past.

4.6 Is there any hydraulic lift equipment (e.g., in-ground vehicle hoists, elevators) on the Site?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

4.7 Is there any former or current equipment, vehicle or plant floor wash down at the Site?

☐ Yes ☐ No ☒ Unknown

If yes, describe.

The Site may be located within 30 m of a water body. A man made pond is present on the northwest portion of the Site, and a marsh area and small on-Site stream are present on the southwest portion of the Site. Further assessment of the small on-Site streams and marsh area, as well as the on-Site pond would be required to determine if these features are intermittent and/or connected to surface water bodies off-Site.

4.8 Were there any fires at the Site (e.g., building fires, waste incineration, brush fires, etc.)?

☐ Yes ☐ No ☒ Unknown

If yes, describe.

All buildings were inaccessible (i.e. boarded up and locked). A locked, chain link fence was present around the bank barn and drive shed, and therefore MTE could not walk through the centre area. The Site was overgrown with tall grass. MTE could not observe the ground surface where soil had been dumped.

4.9 Are there any former or current dust control activities at the Site?

☐ Yes ☐ No ☒ Unknown

If yes, list dust control methods and products used.

4.10 Has salt or any other de-icing chemical ever been used for winter maintenance of walkways or parking areas?

☐ Yes ☐ No ☒ Unknown

If yes, describe product used, storage and application practices.

Most likely for safety concerns around the dwelling.

Section 5: Fuel Storage and Handling

5.1 Are there any aboveground or underground fuel storage tanks located on Site?

☐ Yes ☐ No ☐ Unknown

If yes, describe type, construction material, secondary containment, size, age, contents of each, and provide any testing and/or TSSA registration information.

Self contained diesel generator within tower compound.

5.2 Were any aboveground or underground fuel storage tanks removed in the past?

☐ Yes ☐ No ☒ Unknown

If yes, describe type, construction material, secondary containment, size, contents of each, date(s) of removal, details of removal.

Please provide any available reports related to tank removal and confirmatory testing.

Bell hasn't removed any.

5.3 Are there any current or former fuel pumps or fuelling systems on the Site?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

5.4 Are there any jerry cans, drums or totes containing fuel/oil/lubricants on Site?

☐ Yes ☐ No ☒ Unknown

If yes, describe.

Section 6: Waste Oils, Chemicals, Liquid Wastes, Solid Wastes

6.1 Are any waste oils generated and/or stored on Site?

☐ Yes ☐ No ☒ Unknown

If yes, describe waste storage locations and disposal practices.

Not currently, unknown in the past.

6.2 Are there any oil-water separators and/or floor drains at the Site?

☐ Yes ☐ No ☐ Unknown

If yes, describe location, installation date, source of incoming liquid and effluent discharge location.

6.3 Are any chemicals or solvents stored or used at the Site?

☐ Yes ☐ No ☐ Unknown

If yes, provide an inventory of chemicals, and describe chemical usage and chemical storage areas.

Not currently, unknown in the past.

6.4 Are Material Safety Data Sheets (MSDS) or Safety Data Sheets (SDS) available for any chemical compounds used on the Site?

☐ Yes ☒ No ☐ Unknown

If yes, provide a complete list of chemical compounds with MSDS or SDS.

6.5 Are any liquid industrial wastes generated at the Site?

☐ Yes ☒ No ☐ Unknown

If yes, how are they disposed?

6.6 Are waste management records available for the Site, including current and historical waste storage locations and waste generator and waste receiver information maintained pursuant to Regulation 347?

☐ Yes ☒ No ☐ Unknown

If yes, please describe and provide copies of relevant records.

6.7 Are solid wastes (e.g., scrap, household waste, recycling) generated on-Site?

☐ Yes ☒ No ☐ Unknown

If yes, describe storage and disposal practices.

Not currently. Would have been when the site was an active farm.

6.8 Are batteries (non-household type) used on the Site?

☒ Yes ☐ No ☐ Unknown

If yes, describe storage and disposal practices.

Battery rack in shelter within the tower compound (short term back-up for equipment).

6.9 Has any liquid or solid waste been dumped, placed or buried on the Site?

☐ Yes ☐ No ☒ Unknown

If yes, describe.

6.10 Has any soil (fill, gravel, topsoil, etc.) been brought to and deposited on the Site (for construction, grading, filling low areas, berms, etc.)?

☒ Yes ☐ No ☐ Unknown

If yes, describe.

Fill deposited on the Site - refer to Stantec letter report.

Section 7: Spills

7.1 Are there any records of spills (e.g., chemical, oil) or records of discharges of contaminants?

☐ Yes ☐ No ☒ Unknown

If yes, describe.

7.2 Are spill prevention and contingency plans available (e.g., secondary containment measures, spill kits, spill response training for employees)?

☐ Yes ☐ No ☒ Unknown

If yes, describe.

Section 8: Environmental Compliance

8.1 Is there any known or suspected soil and/or groundwater contamination at the Site?

☐ Yes ☐ No ☒ Unknown

If yes, describe.

Refer to Stantec report

8.2 Are there any contaminant discharges from the Site to the natural environment (e.g., stack emissions, fugitive air emissions)?

☐ Yes ☒ No ☐ Unknown

If yes, describe emissions contaminants, type, and operations.

8.3 Is the Site operating under and in accordance with an Environmental Compliance Approval (formerly Certificate of Approval)?

☐ Yes ☐ No ☐ Unknown

If yes, please describe and provide an Environmental Compliance Approval (ECA) number.

8.4 Is there a Joint Health and Safety Committee?

☐ Yes ☒ No ☐ Unknown

If yes, do they have any outstanding environmental concerns?

8.5 Are there any current or former regulatory compliance issues (such as zoning, labour or environment) related to the Site?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

8.6 Are there any previous environmental reports, environmental audit reports or environmental monitoring data (including data created in response to an order or request of the Ministry of the Environment, Conservation and Parks) available for the Site?

☒ Yes ☐ No ☐ Unknown

If yes, please provide.

8.7 Are there any geotechnical reports for building/development available?

☒ Yes ☐ No ☐ Unknown

If yes, please provide.

8.8 Are there any property appraisal or insurance inspection reports available?

☒ Yes ☐ No ☐ Unknown

If yes, please provide.

8.9 Are there any existing monitoring wells on the Site?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

8.10 Are there any regulatory permits and records available related to potential environmental concerns?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

8.11 Have any other inspections occurred on the Site (i.e., Ministry of Labour, Ministry of the Environment, Conservation and Parks, Municipality, Insurance Agency, etc.)?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

8.12 Are there any problems with the neighbouring properties such as chemical storage, contamination, etc.?

☐ Yes ☐ No ☒ Unknown

If yes, describe.

Potential runoff from development surrounding the Site.

8.13 Are there any noise or odour problems related to the Site or surrounding neighbouring properties?

☐ Yes ☒ No ☐ Unknown

If yes, describe.

Section 9: Additional Information

9.1 Is there another person we should contact for additional information?

☐ Yes ☒ No ☐ Unknown

If yes, please provide contact information.

9.2 Do you have any additional comments pertaining to the Site (environmental, operations, historical information)?

☐ Yes ☒ No

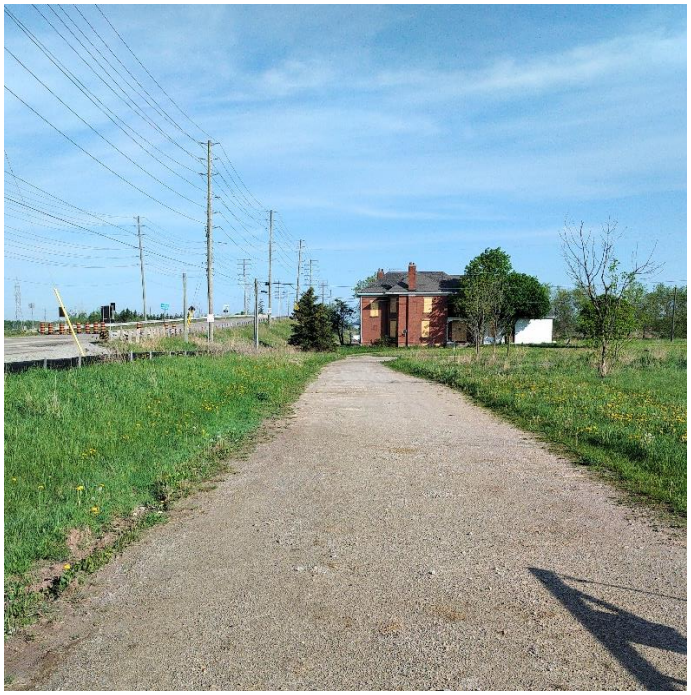
If yes, describe.

The above information is a true representation of my knowledge of the Site and operations. I understand that this information will be reviewed by MTE and compiled in the Environmental Site Assessment report.

Signature of Interview Candidate: _____

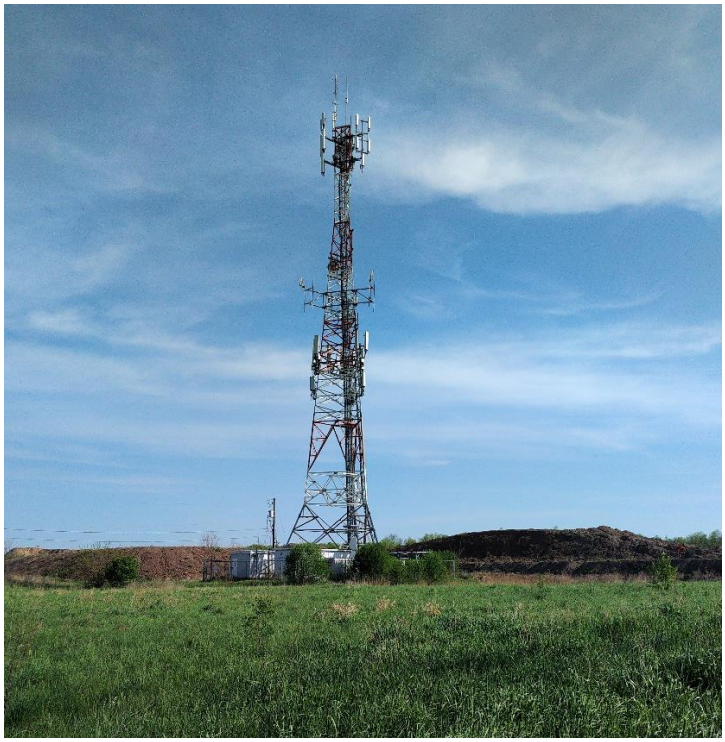
Appendix E

Photographic Log



Photograph No. 1 – North facing view of the Site from the southwest corner, including the gravel driveway and residence.

Photograph No. 2 – Northeast facing view of the Site from the southwest corner, including the farm buildings.



Photograph No. 3 – East facing view of the Site from the southwest corner, including the telecommunications tower and compound.

Photograph No. 4 – West facing view of the marsh area located on the southwest portion of the Site.

Photograph No. 5 – East facing view of an area of soil dumping located in the central portion of the Site.

Photograph No. 6 – East facing view of the large soil stockpile located on the adjacent property east of the Site.

Photograph No. 7 – View of the trailer mounted, self-contained standby diesel generator located within the tower compound.

Photograph No. 8 – View of one of the shelters located within the tower compound.

Photograph No. 9 –South facing view of fill material dumped on the east portion of the Site, including on top of the manure pit. Note the large soil stockpile in the background, located on the adjacent property to the south.

Photograph No. 10 – East facing view of the soil pile located on the northeast portion of the Site.

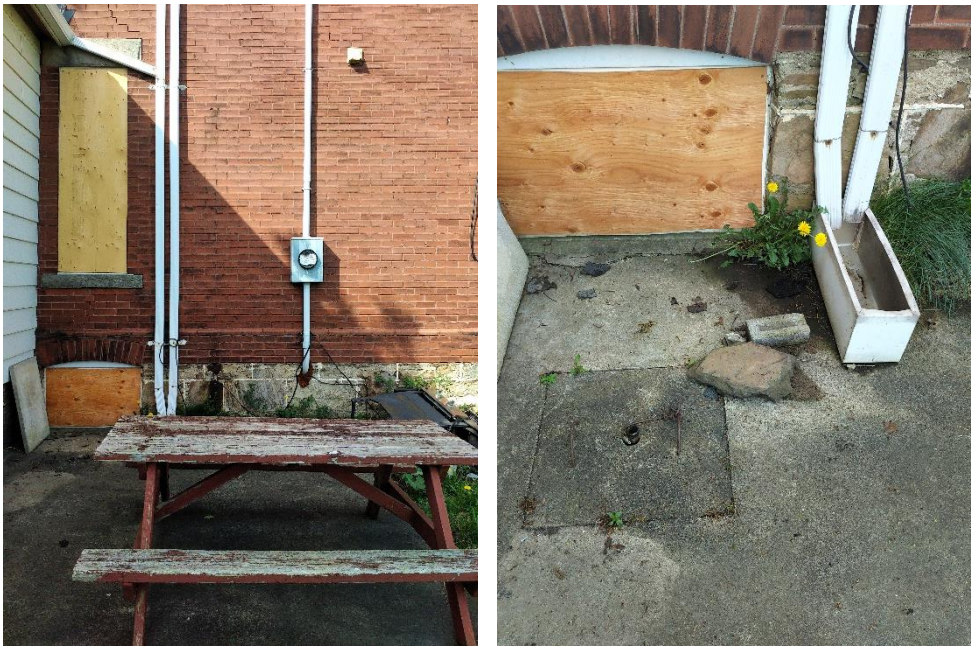
Photograph No. 11 – West facing view of soil dumped east of the silos and bank barn on the northeast portion of the Site.

Photograph No. 12 – South facing view of the drive shed. A former fuel tank was reportedly located on the northern exterior of the drive shed.

Photograph No. 13 – West facing view of the milk house.

Photograph No. 14 – Northeast facing view of the bank barn. Note that this area is located within a locked, chain link fence surrounding the bank barn, drive shed and aluminum siding barn. MTE did not walk though this area of the Site.

Photograph No. 15 – South facing view of the residence on the west central portion of the Site.



Photograph No. 16 – Left: View of the northeast corner of the residence. Right: Close up view of possible septic system lid located at the northeast corner of the residence.

Photograph No. 17 – North facing view of the northwest corner of the Site, including the pond bordered by trees.

Photograph No. 18 – Northwest facing view of Sixth Line, neighbouring agricultural field and Highway 407.