



August 6, 2020

## Phase I Environmental Site Assessment Update 6620 Rothschild Trail, Mississauga

Project 19\*4558 BRUCE A. BROWN ASSOCIATES LIMITED  
Consultants in the Environmental & Applied Earth Sciences

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**Distribution:** 1 copy and 1 pdf to Client, [alvaro@diblasiocorp.com](mailto:alvaro@diblasiocorp.com)

1 pdf to planner, GSAI, Jim Levac, [jiml@gsai.ca](mailto:jiml@gsai.ca)

1 copy to file.

Project 19\*4558

August 6, 2020

Attn: Mr. Alvaro Di Blasio

1215846 Ontario Ltd.  
C.O.B. as Di Blasio Homes  
6620 Rothschild Trail  
Mississauga, ON L5W 0A6

Dear Mr. Di Blasio,

Re: Phase I Environmental Site Assessment Update  
6620 Rothschild Trail, City of Mississauga, ON

## 1.0 Summary

Bruce A. Brown Associates Limited completed a Phase I Environmental Site Assessment update for the property located at 6620 Rothschild Trail, City of Mississauga. The scope of work included a further review of historical land use, research from secondary sources and agencies and a new Plan of Survey, as well as physical inspection of the site and interviews. This Phase I investigation was conducted in general conformity with the CSA Phase I Standards (Z768-01) and O. Reg. 153/04. No intrusive investigation, such as drilling of test holes or construction of wells was carried out as part of this effort.

This update is prepared in support of a slightly revised draft Reference Plan that incorporates an additional residential lot, being lot 22, completing the subdivision development by providing for four pie-shaped single-family residential lots fronting on the Rothschild Trail cul-de-sac, plus a driveway access to the proposed redevelopment block which presently contains a single-family dwelling.

The subject site is located on a cul-de-sac at the west end of Rothschild Trail, and is west of McLaughlin Road, south of Derry Road, and is part of Lot 9, Concession II, West of Hurontario Street, in the former Township of Toronto North, now City of Mississauga and comprises approximately 1.05 hectares (2.59 acres). It appears as lots 21 and 22 on registered plan 43M-1710 and Block 2 of registered plan 43M-1476 which has been built out with large single-family residences between the subject property and McLaughlin Road.

The Phase One property is irregular in shape and remains developed with a single 2 ½ storey detached residence with home office set back from a circular driveway. The balance of the property includes landscaped areas with grass to the front and roughly graded table lands to the rear of the residence. Two watercourses are situated adjacent to the property. The main branch of Fletcher's Creek meanders along the south-east side of the property while a small ravine tributary of Fletcher's Creek flows along the west side of the property. The site extends to previously defined tops of bank and is bounded by the valley lands associated with Fletcher's Creek to the southeast



and with its tributary to the west. Valley slopes are forested with a variety of mature deciduous species.

The Phase One property together with the recently constructed subdivision to the east was initially used for agricultural purposes. In the mid - 1800s, the phase one property was part of a larger farm holding, noted in historical 1877 mapping. There were no buildings or structures on the subject site at that time. The site was first developed by 1989 with the existing single residence and has been used for residential purposes with an accessory home office ever since. The balance of the subdivision lands were designated for residential development in 1997 (Beacon, 2019) and the plan of subdivision was registered in 2006. This report differs from the original Brown Associates Phase 1 environmental site assessment in that it now includes a portion of Lot 22 undeveloped table lands to reflect a change in lot configuration to create one additional residential lot fronting on the cul-de-sac, and identifies the necessary conveyance lands to complete the single family development on the cul-de-sac.

Proposed redevelopment would replace the existing 1989 building with a four-storey condominium residence extending farther to the rear of Part 21. Construction of this building with parking below grade as proposed would have the effect of removing all fill materials temporarily stockpiled onsite and some native material below, including the house and onsite system envelopes. No potentially contaminating activities (PCAs) were noted on the property which would result in areas of environmental concern (APECs) needing intrusive investigation to confirm soil and/or groundwater quality. Top of bank and setbacks have been previously approved by the Conservation Authority and are shown on the attached sketch illustrating topography plan number 75-1-15. The setback and valley conveyance lands are indicated on the attached coloured sketch plan and form a U configuration around the proposed residential condominium building. Soil quality for the temporary stockpiled materials was established in a separate report and there are no limitations on use of the materials elsewhere.

The Phase One property has a drilled well located in the driveway circle. This did not yield sufficient water for domestic purposes and a large holding tank for delivered water was buried beside the well. The residence is now served with municipal water and the well and tank will require decommissioning prior to proposed redevelopment.

## **2.0 Introduction**

### **2.1 Phase One Property Information**

#### **2.1.1 Municipal Address**

The municipal address for the Phase One property is 6620 Rothschild Trail, Mississauga, Ontario. It is described as Part of Lot 9, Concession II, west of Hurontario Street, formerly Toronto North Township, Regional Municipality of Peel, but became part of the City of Mississauga. The site is further described as Part 21 and part of Lot 22, Plan 43M-1710, comprising P.I.N. 13213-4150 (LT), P.I.N 13213-3043 (LT); P.I.N. 13213-4151(LT). A new draft site survey is attached in **Appendix D**.

### 2.1.2 Contact Information for Property Owner

The owner of the property is as below.

1215846 Ontario Ltd. (C.O.B. as Di Blasio Homes)  
6620 Rothschild Trail  
Mississauga, L5W 0A6

### 2.1.3 Client Contact Information

Brown Associates was retained by Mr. Alvaro Di Blasio, at the above residential address, on behalf of the number company, to prepare a Phase 1 environmental report in support of the redevelopment of Part 21 including part of Lot 22 as reconfigured. This report is an update of an original Phase One effort to reference a slightly revised property boundary.

## 2.2 Terms of Reference

Bruce A. Brown Associates Limited completed a Phase I Environmental Site Assessment on the property located at 6620 Rothschild Trail, Mississauga, Ontario, at the initial request of Mr. Alvaro Di Blasio, which was reported on June 5, 2019. The purpose of both that investigation and this updated report is to conduct a non-intrusive evaluation to (1) establish the presence of any hazardous, regulated or deleterious materials or other potentially hazardous conditions, (2) to establish and document any other site condition(s) that could have an influence on the present or future use of the property, or on its real value, and (3) to provide reliance to the City of Mississauga for a proposed redevelopment of the subject site but continuing its current use, being residential.

This supplementary site investigation was carried out pursuant to telephone conversations and email correspondence with Mr. Alvaro Di Blasio. The report has also been prepared within the terms of reference set out in the Statement of Limitations, which is attached as **Appendix A**, and forms an integral part of the updated report. This Phase I assessment was carried out in accordance with CSA Standard (Z 768-01), and in general accordance with O.Reg. 153/04, as amended, under the Ontario *Environmental Protection Act*, and is subject to the limitations as set out in the attached statement, found at **Appendix A**.

## 2.3 General Description of the Phase One Property

The Phase One property is located on the cul-de-sac forming the end of Rothschild Trail, south of Derry Road and partway between Mavis Road and west of McLaughlin Road. The subject site is irregular in shape and has an area of approximately 9200 sq. m. It is developed with an estate residence set back approximately 80 m from the Rothschild travelled road. The balance of the property consists of a circular drive with landscaping in the front and back, and roughly graded table lands west of the existing residence. The property is defined by the top of bank for the two watercourses, which established, was staked and surveyed as the basis for defining the valley

land conveyance to the municipality. Fletcher's Creek meanders no more than 24 m south and west of the subject property. A Site Location Plan and Property Based Map are found in **Appendix B**.

### 3.0 Scope of Investigation

This updated report has been prepared to meet the requirements of a Phase I investigation in conformity with CSA Standard Z768-01 and generally with requirements of O.Reg. 153/04. The phase one study area includes the Phase One property and other properties located wholly or in part within a 250m radius of the phase one property boundaries. The following tasks were undertaken during May and June 2019 and February 2020 to prepare this report and in August 2020 for updating purposes:

- Review of historical air photos, 1877 Peel County Atlas, and environmental maps
- Review of the MOE "*Ontario Inventory of PCB Storage Sites*" (September 1989)
- Review of "*Waste Disposal Site Inventory*" (June 1980), and Intera Technologies Ltd.
- Review of "*Inventory of Coal Gasification Plant Waste Sites in Ontario*" (April 1987)
- Review of Beacon Environmental Scoped Environmental Impact Study
- Review of Soil Engineers' Soil Investigation Geotechnical and Slope Stability Reports
- Site visits to the phase one property and review of the surrounding area
- Enquiries to local and regional municipalities
- Interview with the owner's representative
- Review of Eris Ecolog reporting
- Review of revised reference plan incorporating Lots 21 and 22 on Rothschild frontage
- Review of previous Phase 1 ESA and soil quality reports by Brown Associates
- Preparation and submission of report.

In February 2020, additional efforts included review of a revised plan which created one additional residential lot on the Rothschild Trail cul-de-sac, telephone interviews with Mr. Di Blasio and a current physical inspection of the property made on February 13, 2020, in August 2020 a further review reflected addition of Lot 22 to the street frontage within a revised reference plan.

### 4.0 Records Review

Historical data were obtained from a review of aerial photographs of various years from the City of Mississauga Interactive Mapping site, with more recent air photos obtained from Google Earth, Ontario Ministry of the Environment, Conservation and Parks databases, and our in-house library of archive data, contacts with the Credit Valley Conservation and review of ERIS Ecolog records for the surrounding area. The findings from our records review were recorded as follows:

## 4.1 General

### 4.1.1 Phase One Study Area

The QP determined that the distance of 250 m from the Phase One property was adequate for defining the phase one study area for all records reviewed. A Phase One Study Area Map is attached in **Appendix B**. No heavy industries or designated environmentally sensitive areas were located just beyond this perimeter. The QP also determined that a 1 km radius surrounding the subject property was appropriate for a records review of active and former coal gasification plants, PCB storage sites, pits and quarries and waste disposal sites.

### 4.1.2 First Developed Use Determination

The Township of Toronto North was first settled in the late 1780s, and lands were cleared in the first decades of the 19<sup>th</sup> century. The Township of North Toronto was incorporated into the City of Mississauga. According to the 1877 Peel County Atlas Mapping, attached in **Appendix E**, the Phase One property, was part of Lot 9, Concession II WHS, and was located within former acreage holdings by two different people. The majority of the subject site being part of the land holding owned by Alex Scott. This 58 Ha (140 acre) farm holding was within lot 9, Concession II – WHS. The phase one property was also part of a smaller farm lot owned by Edward Trainer, consisting of about 4Ha (10 acres) in lot 9. The atlas also indicates that the Phase One property was not developed at this time. Two structures were located on the Alex Scott holding. One structure was located on the west portion of the farm acreage with an orchard to the immediate north and a second structure in the northwest quadrant.

### 4.1.3 Previous Reporting

Prior to the June 2019 report, there were no previous Phase One or Phase Two Environmental reports known for any part of the Phase One property. Two technical reports produced for the subject site were provided to Brown Associates for review. A report entitled “*A Soil Investigation for Proposed Residential Development*” was produced by Soil Engineers Ltd. (Soil Eng) in August 2014. Soil Eng also prepared a Slope Stability Assessment in January 2017, entitled “*Slope Stability Assessment, Proposed Residential Development, 6620 Rothschild Trail, City of Mississauga*”. Brown Associates supervised a backhoe investigation into a pile of fill located at 6620 Rothschild Trail and reported “*Soil Quality For Temporary Stockpile at 6620 Rothschild Trail*” on June 29, 2019, confirming the representative sample of surplus material met Table 1, Urban Background, standards as set out in O.Reg. 153/04, confirming the surplus stockpiled materials could be used elsewhere on any site regardless of property use.

A report entitled, “*6620 Rothschild Trail, Scoped Environmental Impact Study (EIS), Block 21 Vintages Select, City of Mississauga, Part of Lot 21 and 22, Registered Plan 43M-1710*” was completed for DiBlasio Homes by Beacon Environmental Limited (Beacon) in March 2019. A summary of findings is discussed below:

Findings from the Beacon EIS 2019 report are as follows:

- The purpose of the scoped EIS report was to show that the proposed development would not have a negative impact on the ecosystems connected with the property. At the time of the Beacon report, the subject site remained developed with the single estate home to be demolished and replaced by the proposed four-storey condominium apartment building. Limits of development were established by engineers, Skira & Associates, in consultation with the City and Conservation Authority.
- Beacon carried out an assessment of geomorphology, aquatic habitat, and wildlife habitat; Beacon completed various surveys including snag (bat habitat), breeding bird, reptiles, and amphibian surveys; as well as a tree inventory and species-at-risk evaluation with specific regard to Butternut, Redside Dace and several species of bats.
- Results of a Flora and Fauna Inventory concluded the subject site vegetation consists of introduced weeds and ornamental species on the table lands. A dry-fresh Oak-Hardwood Deciduous Forest stands along the east side of the subject site; a coniferous plantation and a fresh-moist ash lowland deciduous forest occurs along the west side.
- Fletchers Creek and the Fletcher's Creek tributary valley systems are adjacent to the subject lands and are considered significant valley lands. The subject site itself does not contain and is not adjacent to any ANSIs, environmentally sensitive or significant areas or significant wetlands.
- Fletcher's Creek is a major tributary of the Credit River. The subject site is located within the lower watershed of Fletcher's Creek.
- The site is located adjacent to the habitat of threatened species or endangered species, significant wildlife, woodlands and valley lands.
- Surficial geology in this area is mainly Halton Till, with lake deposits and valley fill with moderate slopes that dip perpendicular to the watercourse.

Beacon concluded that the proposed development will not negatively impact the natural ecosystem. Compliance with environmental legislation, regulations and policies will be undertaken and monitoring will be implemented during construction and post construction to evaluate performance of the proposed erosion and sediment controls and the storm outlet.

A summary of findings of the Soil Eng Report is as follows:

- The report was completed for Diblasio Homes, 6620 Rothschild Trail, City of Mississauga.
- The purpose of the report was to confirm subsurface conditions and to determine engineering properties of soils for design and construction of proposed development.
- Fieldwork included the advancement of seven boreholes to depths ranging from 4.7 m to 5.3 m. All boreholes encountered a layer of earth fill followed by silty sand till. The material was heterogeneous indicating that it is a glacial till extending to depths ranging from 3.4 to 4.6 m. Shale bedrock was found in boreholes 4 and 5 at a depth of 4.6 m.
- Groundwater was not observed in any of the boreholes aside from borehole 7 where a perched groundwater depth was measured at 4.6 m in the sand and gravel layer at the bedrock interface. Surface drainage follows existing topography to the main branch of Fletcher's Creek and its tributary.
- Valley slopes associated with both watercourses located along the east and west property boundaries are stable.

## **4.2 Environmental Source Information**

### **4.2.1 Ontario Ministry of the Environment, Conservation and Parks**

A request for information regarding the phase one property was not filed with the Ontario Ministry of the Environment, Conservation and Parks (MECP) Freedom of Information office because responses for Freedom of Information request often take many months. MECP records were obtained online for water wells and other Ministry documents referenced are available in Brown Associates' in-house library. This review relied on information obtained from the Ministry in the ERIS database, which frequently mines Ministry databases.

### **4.2.2 Ontario Ministry of Natural Resources**

The Ontario Land Information Directory is accessible via the website of the Ontario Ministry of Natural Resources (MNR). No information specific to the subject lands was found on this site. No areas of natural or scientific interest (ANSIs), aggregate extraction or identified areas or groundwater recharge areas were found within one kilometer of the Phase One site. According to City of Mississauga Natural Areas Survey (NAS), the valley lands are located within the natural area known as the Meadowvale Station Woods and Fletcher's Creek where overburden material consist of Oneida clay loam and Chinguacousy clay loam (Beacon, 2019).

#### 4.2.3 Technical Standards and Safety Authority

A request for information on the subject property was filed with the Technical Standards & Safety Authority (TSSA) on May 10, 2019. A response dated May 13, 2019, is attached as **Appendix H**, confirmed the TSSA has no records in their database of any underground or above-ground storage tanks licensed or registered at the subject address. It also has no records of any incident reports, fuel oil spills, or contamination records for the phase one property. It should be noted that the TSSA cannot guarantee having information on sites that have not been licensed since 1987. Mr. DiBlasio confirmed there have been no changes to mechanical systems since then and no incidents.

#### 4.2.4 Waste Disposal Sites, Coal Gasification Plants and PCB Storage Sites

The MECP *“Ontario Inventory of PCB Storage Sites”* (September 1989), *“Waste Disposal Site Inventory”* (June 1980), Intera Technologies Ltd. *“Inventory of Coal Gasification Plant Waste Sites in Ontario”* (April 1987) were reviewed by Bruce A. Brown Associates, and the following data were found:

The subject site is not registered as a former municipal coal gasification plant. The nearest former coal gasification plant was in Brampton near the northeast corner of Nelson and George Streets, approximately 7.5 km north of the Phase One property. This facility provided gas for street lighting until decommissioned in 1909. This former facility is sufficiently distant from the Phase One site not to cause any negative environmental impacts.

The subject site property is not listed as a former PCB storage location. No former PCB storage sites are reported within a 1 km radius of the Phase One lands. Although more distant storage locations are inventoried, there is no process in ERIS or in MECP records to indicate when those sites were ultimately decommissioned, which has almost always been the case. The subject property is not listed as an active or closed waste disposal site. No waste disposal site was found within the area of interest within a 1km radius.

### 4.3 Physical Setting Sources

#### 4.3.1 Air Photos Review

Historic air photos, some attached in **Appendix C**, include photographs from City of Mississauga Interactive Mapping site and from Google Earth. The earliest photograph from 1954 shows the Phase One lands as being undeveloped at that time and consists predominantly of an open field under cultivation with a hedgerow containing mature trees near the south end of the property. Fletcher’s Creek can be clearly seen meandering near the southeast lot line, while its tributary meanders near the west lot line of the subject property. Both creeks are visible and unchanged in all subsequent air photos. The general area is undeveloped aside from a single residence or farmhouse to the northeast on the west side of Mclaughlin. No major changes are noted in the 1966 and 1985 air photos.

By 1989, the phase one property has been developed with the remaining residence located near the northeast end of the lot, with a circular drive and with a long driveway that extends from McLaughlin Road. The phase one property continues unchanged throughout all subsequent air photos reviewed to 2004. Surrounding uses are generally forested lands along both creeks and open fields beyond. No other buildings or structures are visible within the study area and beyond. No major changes to surrounding areas are noted in the 1992 air photo.

By 2000, a residential subdivision is being developed beyond Fletcher's Creek to the west, with some homes constructed, and to the north on the northeast side of McLaughlin Road as well as to the southwest on both sides of Mavis Road. Residential infill in surrounding subdivisions continues in 2009.

By 2018, The Di Blasio subdivision between the existing house on Part 21 of the plan is built out with large single-family detached homes, except for three undeveloped registered lots surrounding the cul-de-sac and contiguous to the Phase One property frontage. This is the current site configuration as inspected in February 2020.

#### **4.3.2 Topography, Hydrology, Geology**

A review of Pleistocene mapping confirms the subject property is underlain with Halton Till to depths of 4.5 to 7 meters below grade on table lands. Shale bedrock is probably very close to the elevation of the bed of Fletcher's Creek. Surface drainage is generally radial toward the top of bank which defines the limits of Block 21.

#### **4.3.3 Water Bodies and Areas of Natural Significance**

The nearest body of water is located approximately 20 – 25 m south and southwest of the subject lands where Fletcher's Creek and its tributary meander. All valley lands are included in a defined Area of Natural Significance, known as Meadowvale and Fletcher's Creek.

#### **4.3.4 Water Well Records**

A review of on-line water well logs from the Ontario Ministry of the Environment found water well records in the general area. A water well map and summary table are attached in **Appendix G**, respectively. The information collected from this site confirms that there are no wells listed on the phase one property itself and the remaining wells are found within a 600 m radius of the subject site. The identified *circa* 1989 well in the front yard of the existing house is not included in the Ministry database.

Nearest wells shown on the well map were advanced for domestic use and were advanced between 1961 and 1992, prior to the urbanization of the general area. Three of the four wells located just northeast of the Phase One site along the west side of McLaughlin Road found brown clay till overlying shale bedrock described as either red shale or grey to blue shale ranging in depth from 6 m to 21 m. Some shales at depth around 15m are



referenced as limestone. Well Number 4907643 on the east side of Mavis Road southwest of the site was also advanced for domestic use where shale was found at a depth of 18.9 m. Two wells for geotechnical or monitoring purposes are shown further southeast of the site. The furthest reported well found northwest of the site was advanced for public use but is now abandoned and not in use. Remaining wells did not have additional information or are listed as being abandoned or not used. Location of wells and description of overburden materials are set out on the attached table in **Appendix G**.

Ministry records did not include a drilled bedrock well located within the driveway circle in front of the onsite residence. Mr. Di Blasio advised this well did not have enough yield for domestic purposes and that a large underground tank had been constructed beside the well to receive hauled water from a private contractor. The well and tank are no longer in use because the property was serviced with municipal water when the residential subdivision was developed. Prior to redevelopment, this well must be properly abandoned in accordance with well regulation 903/00 and the UST removed. This requires services of a licensed well technician to disinfect, seal, pull casing and file a Well Record. There are no regulatory requirements governing removal of the tank, which is a straightforward bulk excavation.

#### **4.3.5 Other Mapping**

In addition to Pleistocene geological mapping, other mapping records consulted during this evaluation were the 1877 Peel County Atlas Mapping and the Natural Areas Survey map. Peel County 1877 mapping confirms the lands were part of a larger land holding owned by Alex Scott. The subject property occupied a small part of acreage owned by Edward Trainer. There were no buildings or structures on or nearby to the Phase One property in 1877.

#### **4.4 Eris Ecolog Records**

A database report for the Phase One lands and a 250m radius surrounding was obtained from ERIS Ecolog. The report found no records for the Phase One lands. Surround records were mainly for installation of municipal sewer and water mains. No surrounding uses, or spills or other incidents which could have a potentially adverse environmental impact on the Phase One lands was found. The ERIS report is found in **Appendix I**.

#### **5.0 Interviews**

In May 2019, the senior writer conducted an initial telephone interview with Mr. Alvaro Di Blasio, confirming the acquisition of the property and subsequent development of the residential subdivision. Craig Colbourne, a senior technician with Brown Associates also met with Mr. Selo Di Blasio onsite when confirming properties of excess stockpiled soils, using a local backhoe.

A supplementary telephone interview between the senior writer and Mr. Alvero Di Blasio was made in January 2020, at which time Mr. Di Blasio confirmed there had been no changes since the previous investigations. The equipment stored to the east of the driveway where lotting was to be reconfigured as part 22 was the same as the previous site investigation. He advised that all the fill material, including topsoil, located behind the existing residence was derived from the excavation and regrading for the house and that there was no fill material from offsite deposited on any part of the lands.

## **6.0 Site Reconnaissance**

The principal writer attended the site on the afternoon of March 27, 2019. Conditions were clear and cool. Some houses in the adjacent subdivision were nearing completion and several still vacant lots were noted on the Rothschild Trail cul-de-sac. The residence on the Phase One property was family occupied and well maintained. The lands to the front were landscaped with lawns, trees and a circular driveway. Some of the lands beyond the walk-out patio were roughly graded and used for storage of construction equipment. No deleterious materials were noted on the property. The top of bank was defined with a silt fence and the slopes beyond remained in a natural state. A room by room physical review of the residence was not a part of this inspection. The north end of the building contains a home office.

A supplementary inspection was made by the junior writer on the morning of February 13, 2020, under cloudy and cold conditions. The site was lightly snow covered. Based on earlier photographs from 2019, there was no evidence of any regrading. Surrounding residences had been completed and appeared to be occupied. The table lands west of the driveway to the existing residence was rough graded and appeared to have been stripped of original topsoil, and the area to be re-divided on the east side of the driveway was graded level and had equipment and building materials, including concrete forms, stored on it. No deleterious materials were noted, consistent with the earlier inspection. There were no changes to grades on the balance of Lot 21 to the rear of the residence.

In both inspections the conveyance valley lands were noted to be protected and defined by a silt fence at top of bank, and to remain in good condition without adverse impacts from development activities within the table lands. The silt fence must be maintained throughout the course of proposed further development.

## **6.1 Below-Ground Structures**

The only below-grade structures were the holding tank for water, located beside the drilled well in the driveway circle, and a septic tank and Class 4 subsurface absorption system located to the rear of the existing residence.

## 6.2 Storage Tanks

There was no evidence of any storage tanks other than the holding tank for potable water, and septic tank located to the rear. The onsite system requires removal in the course of demolition, which includes pumping any residual liquid, demolition of concrete together with masonry base of residence and bulk excavation of the subsurface absorption area together with general excavation for the required basement. There are no specific regulations regarding abandonment and removal of a Class 4 onsite system.

## 6.3 Potable and Non-Potable Water Sources

The subject site has full services in the cul-de-sac. It was connected to municipal water when the adjacent plan of subdivision was serviced.

## 6.4 Sewage Works

The Phase One property has municipal sanitary sewers available to the lotline, and available to serve the proposed redevelopment. A Class 4 onsite system will continue to serve the existing residence until demolition and redevelopment.

## 6.5 Stained Soil or Stressed Vegetation

No stained or stressed vegetation was apparent during inspections.

## 6.6 Current Uses and Adjacent Uses

The current use of the phase one property is residential as are the subdivision lands between it and McLaughlin Road. Lands surrounding the property to the immediate west and southeast are valley lands associated with the main branch of Fletcher's Creek and its tributary. Surrounding uses beyond the creeks and valley lands are predominantly residential subdivisions comprising mainly detached residences. The location of the valley lands dedication block is shown on the attached survey in **Appendix D**.

## 6.7 Designated Substances

The existing residence on the Phase One property was not fully investigated for designated substances, since construction of the residence in 1989 is too recent to have concerns for lead based paints or lead in solder, for asbestos containing materials, for UFFI or for PCBs. Small amounts of mercury will be present in a few fluorescent or other specialty light bulbs. CFCs will need to be recovered by a licensed technician and HVAC equipment tagged

off prior to removal and prior to general demolition, as proposed.

## **7.0 Phase One Conceptual Site Model**

### **7.1 Site History**

The Phase One property is underlain by Halton till extending to shale bedrock at 4 to 7m depth below grade. The property was cleared and in cultivation by the mid-19<sup>th</sup> century at latest and remained partially cultivated until developed with the present residence by 1989. A Phase 2 archeological assessment in 2004 did not report any significant findings.

The residential subdivision east to McLaughlin Road was draft approved in 2006 and is nearly built out with large, single family residences. Construction of Rothschild Trail brought full municipal services to the property. The Phase 1 lands were defined by a top of bank survey to satisfy the City and Conservation Authority. The property has been manipulated through fine grading and landscaping.

### **7.2 Potentially Contaminating Activities**

There are no potentially contaminating activities identified on the Phase One lands or within the 250 m radius study area.

### **7.3 Topography and Stratigraphy**

The Phase One site is located to the east of the Credit River, on a flat to gently undulating till plain, with Ordovician shales overlain by a variable depth of Halton silt tills, overlying shale bedrock at depths of 4.5 to 7 meters. Shale is likely present in the bed of Fletcher's Creek or close to creek elevation. The side and rear perimeters of development land define the limits of sloping and forested valley lands to be conveyed to the municipality.

## **8.0 Conclusions and Recommendations**

No unsatisfactory environmental condition requiring mitigation was found during Phase One site investigations. Routine pre-demolition efforts including decommissioning of HVAC systems to recover CFCs are required. There is a drilled well on the property which must be protected until it is decommissioned by a licensed well technician and a well record filed with MECP. The proposed redevelopment would result in the removal of all temporary fill stockpiles presently located above top of bank.

### **8.1 Is a Phase Two ESA Required?**

Based on all the above, a Phase 2 investigation is not deemed necessary for any part of the Phase One lands.

## 9.0 Reliance

The findings and conclusions of this further updated Phase One report may be relied on to the same extent as the named client, by the City of Mississauga and its agents or consultants during the plans-approvals process. A free-standing reliance form naming the City for this purpose is attached as **Appendix J**. In particular, the city may rely on the finding that the valley conveyance lands are suitable for future use as parkland.

## 10.0 References

Brown, Bruce A., *"Soil Quality for Temporary Stockpile at 6620 Rothschild Trail"* Brown Associates report to Alvero Di Blasio, June 29, 2019,

Chapman, L.J. and D.F. Putnam. 1984. *The Physiography of Southern Ontario*, Third Edition. Ontario Geological Survey, Map P. 2715 (colored), scale 1:600,000

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Fung Li, K., B. Eng. & Man, Daniel, P.Eng. August 2014. "A Soil Investigation for Proposed Residential Development, Diblasio Estate, 6620 Rothschild Trail, city of Mississauga". Soil Engineers Ltd.

Fung Li, K., B. Eng. & Lee, Bernard, P.Eng. January 2017. "Slope Stability Assessment, Proposed Residential Development, 6620 Rothschild Trail, City of Mississauga". Soil Engineers Ltd.

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Gorenc, Shelley & Ursic, Ken. March 2019. *"6620 Rothschild Trail, Scoped Environmental Impact Study, block 21 Vintages Select, City of Mississauga, Part of Lot 21 and 22, Registered Plan 43M-1710"*. Beacon Environmental.

Intera Technologies Limited, 1987. *Inventory of Coal Gasification Plant Waste Sites in Ontario*. Prepared for Ontario Ministry of the Environment, Waste Management Branch.

Ontario Ministry of the Environment (MOECC), 1989. *Ontario Inventory of PCB Storage Sites*.

Ontario Ministry of the Environment (MOECC), November 2013. *Well Record Data Set*, Ontario Well Records on-line database. Water Well Information System.

Ontario Ministry of the Environment (MOECC), 1980. *Waste Disposal Site Inventory*.

The Canadian Atlas Digital Project. 1877 Peel County Atlas Map, Township of Toronto North, McGill University.

## 11.0 Qualification

Brown Associates Limited is a full services environmental consulting firm which has carried out more than 4,200 environmental evaluations over the past 48 years. The firm is qualified to manage asbestos, PCBs, pre-demolition surveys, designated substances inventories and other abatement programs. Dr. Brown, who conducted both site inspections personally, is a Professional Engineer and a Qualified Person recognized by the Ontario Ministry of the Environment and Climate Change for purposes of submitting Records of Site Condition for Phase I, II and III site evaluations. He has a B.Sc. in Geology and Chemistry from Queen's University (1968), and a Doctorate in Geochemistry from Oxford University (1970). He has been Principal of Brown Associates since June 1970.

Eva Mitsche has an Honours B.A. in Environmental Studies from University of Toronto and eleven years' experience in conducting research and site evaluations for Phase 1 and other environmental investigations.

Brown Associates Limited carries \$5 million in environmental liability insurance (\$2 million per incident) and \$2 million in errors and omissions insurance, and enjoys a claims-free status.

## 12.0 Closure

We trust that this information is sufficient for your present requirements. Should any questions arise, please do not hesitate to call. Thank you for this opportunity to be of service.

Yours very truly,

BRUCE A. BROWN ASSOCIATES LIMITED



Bruce A. Brown, Ph. D., RPP, P. Eng.,  
QP Principal Engineer  
*Senior Reviewer*



Eva Mitsche, Hons. BA  
Environmental Researcher

## Appendix A: Phase I Statement of Limitations

## Bruce A. Brown Associates Limited

### Statement of Limitations for Phase I Environmental Evaluations

The conclusions and recommendations of this report are applicable only to the net area described in the report, and to the time of inspection. This report may be used only by the client to which it is addressed and for the purposes stated in the introduction. Bruce A. Brown Associates Limited does not permit use of this report by any third party or for any purpose other than stated unless written authorization is provided by this firm.

This Phase I evaluation is a preliminary environmental quality assessment of real property. Sources which are relied upon include visual inspection, general inquiries to management, tenants, and approvals agencies as stated in the report. Secondary sources are limited to historical insurance maps, air photographs, street directories and like materials as stated in the body of the report.

A Phase I Environmental Evaluation does not generally include intrusive investigations or materials sampling, laboratory analyses or monitoring. As a consequence, it is recognized that site specific conditions which are not visually apparent to a qualified and experienced investigator may not be discovered at this level of evaluation. A confirmation of presence or absence of any impaired condition, its extent or possible liabilities associated with such a condition cannot be firmly established at the Phase I level of investigation.

Where site conditions or history of use of a site and/or neighbouring lands, or age of facility suggest potential for impaired conditions, a supplementary Phase II evaluation may be required to confirm the presence or extent of any impaired condition to permit continued or proposed future uses of a property.

With the exception of instances where this firm is specifically retained to confirm field conditions, or to supervise demolition, construction, excavation, or other remediation, the responsibility of Bruce A. Brown Associates Limited shall be restricted to accurate interpretation of available information from sources cited.

All costing and figures are rough estimates based on the current guidelines and market costs, and several quotes from contractor should be obtained prior to site work. Costs will depend on extent of work and approach and in some cases the best approach cannot be determined until after site work has commenced.

Communication of all matters concerning on-site materials, identified hazardous wastes, soils or groundwater quality or remediation and other matters shall be to the firm or individual authorizing site investigations. Where recommendations are made by Bruce A. Brown Associates Limited to an authorizing agent, it shall be the responsibility of that agent to



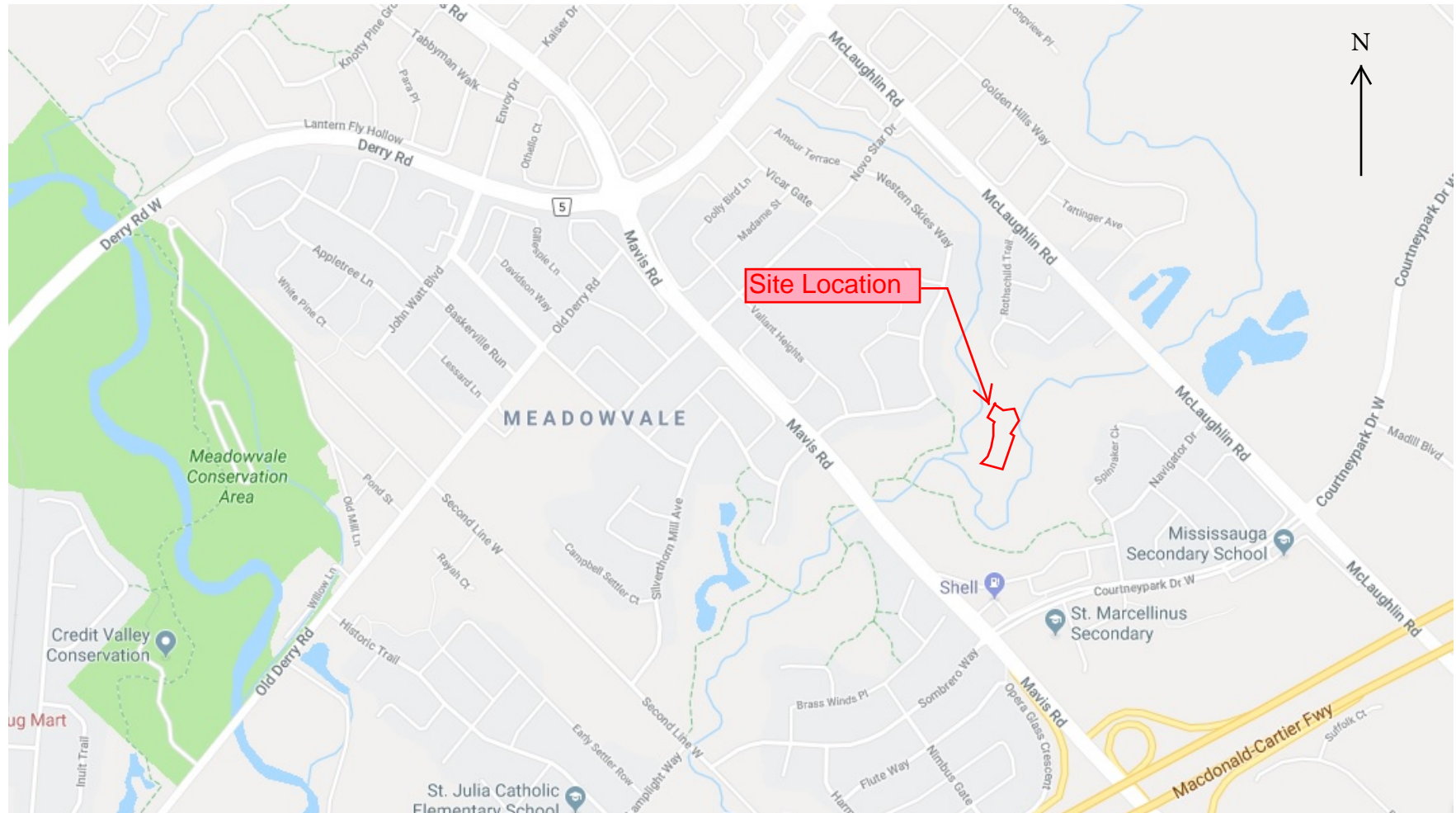
communicate, as required, to any contractor, owner, agency, or other consultant who may be affected by such recommendations, or shall require such data to carry out their duties in a safe and responsible manner as they relate to the subject property and ensure compliance with all regulatory requirements and guidelines affecting the environment or matters of occupational health and safety.

Appendix B: Site Location Plan, Property Based Map,  
Topographical Map, Study Area Map

Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: August 4, 2020

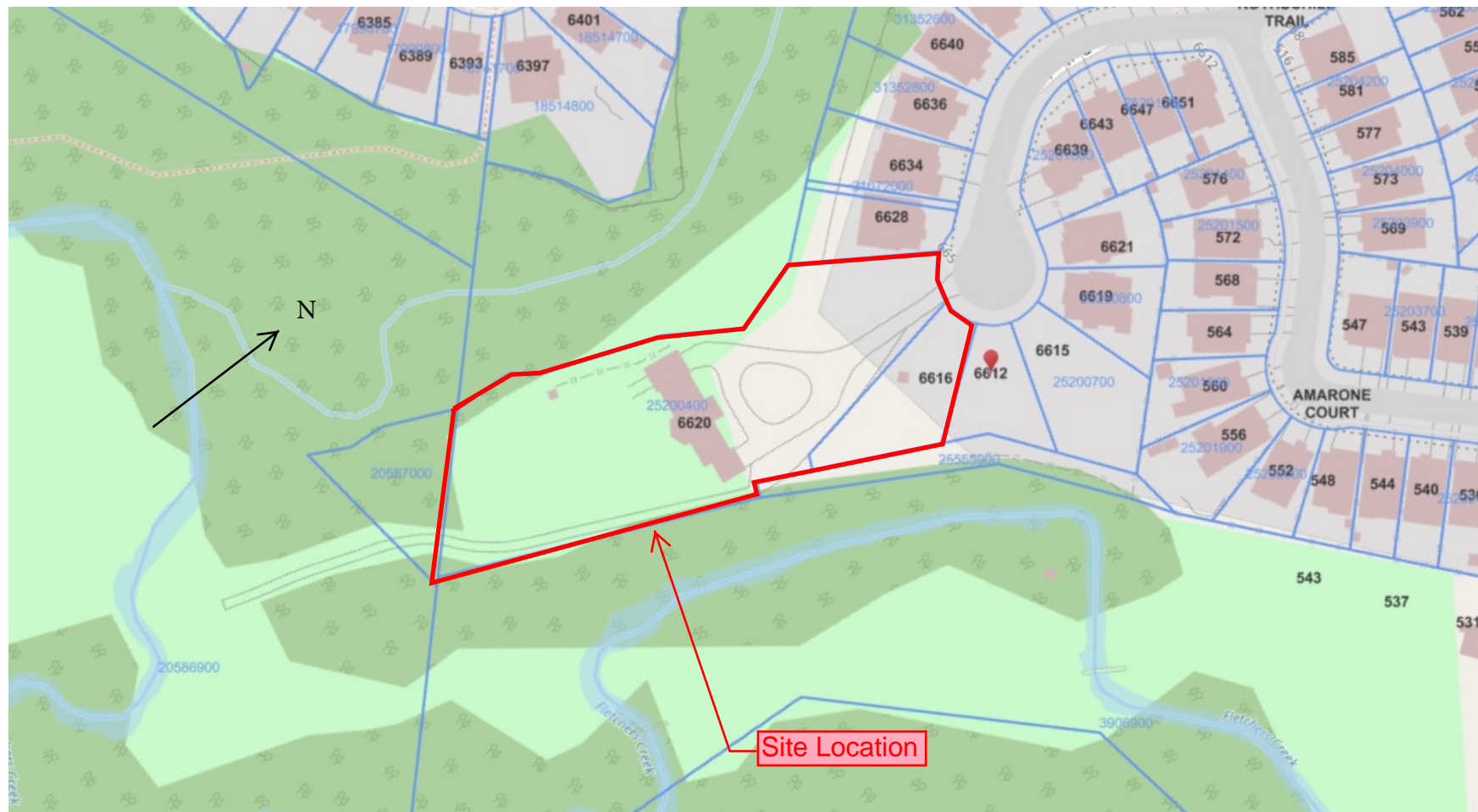


Site Location Plan

Project: 19*4558	6620 Rothschild Trail, Mississauga	Bruce A. Brown Associates Limited Date: August 4, 2020
------------------	------------------------------------	---

Project: 19*4558	6620 Rothschild Trail, Mississauga	Bruce A. Brown Associates Limited Date: August 4, 2020
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Project: 19*4558	6620 Rothschild Trail, Mississauga	Bruce A. Brown Associates Limited Date: August 4, 2020
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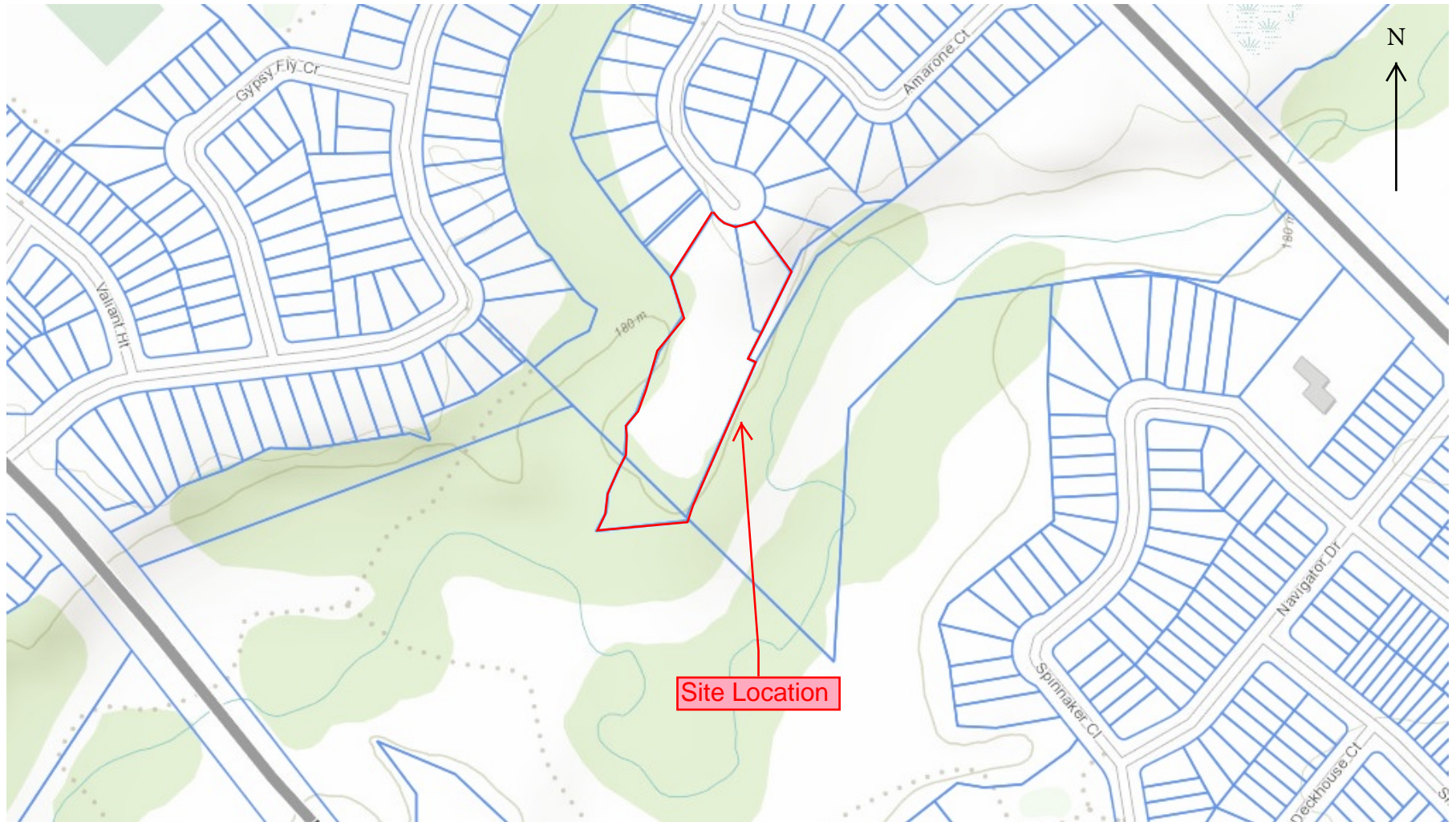
Property Based Map
--------------------



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: August 4, 2020



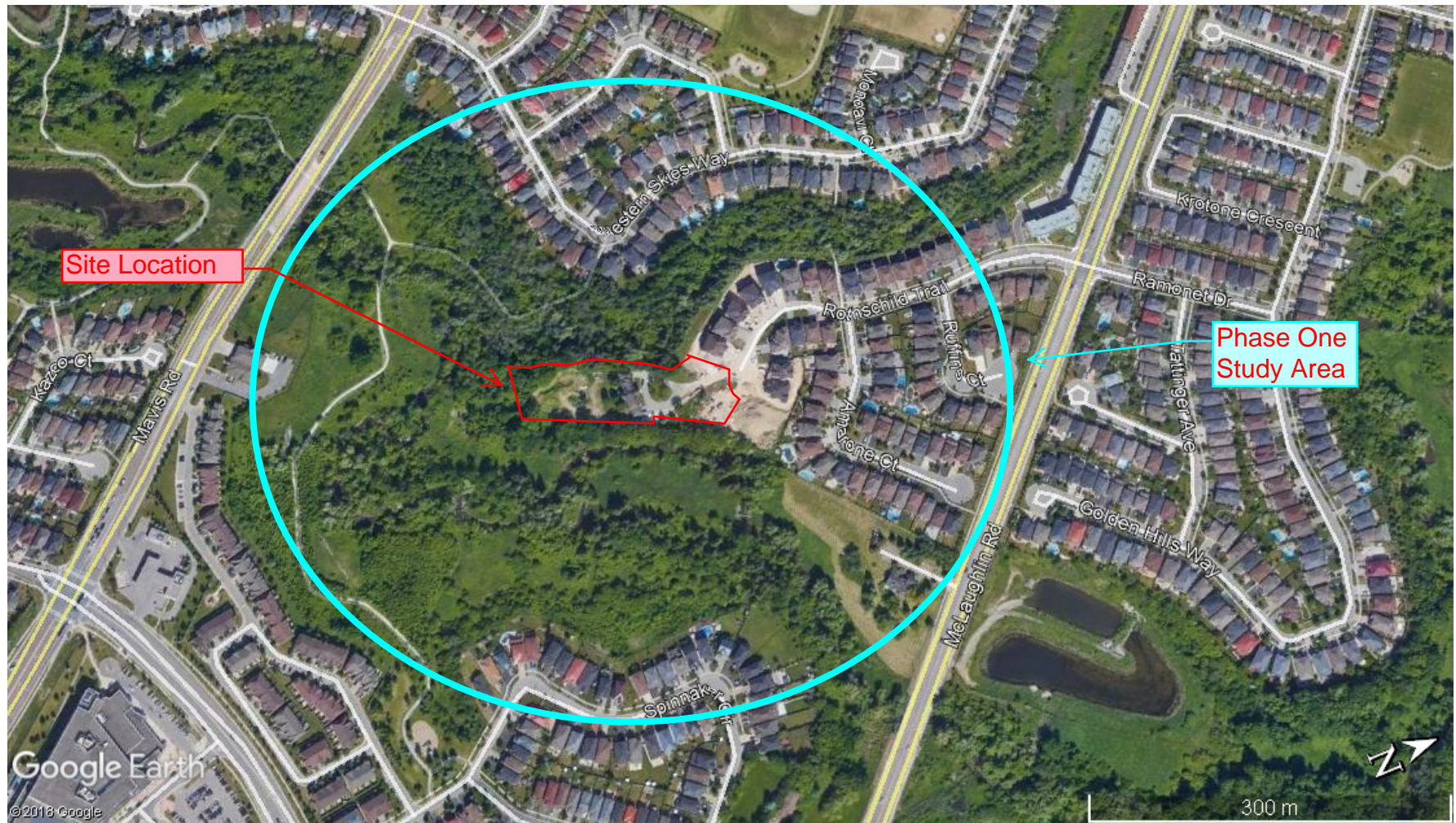
Topographic Map



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: August 4, 2020



Phase One Study Area Map

## Appendix C: Historic Air Photographs



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: August 4, 2020



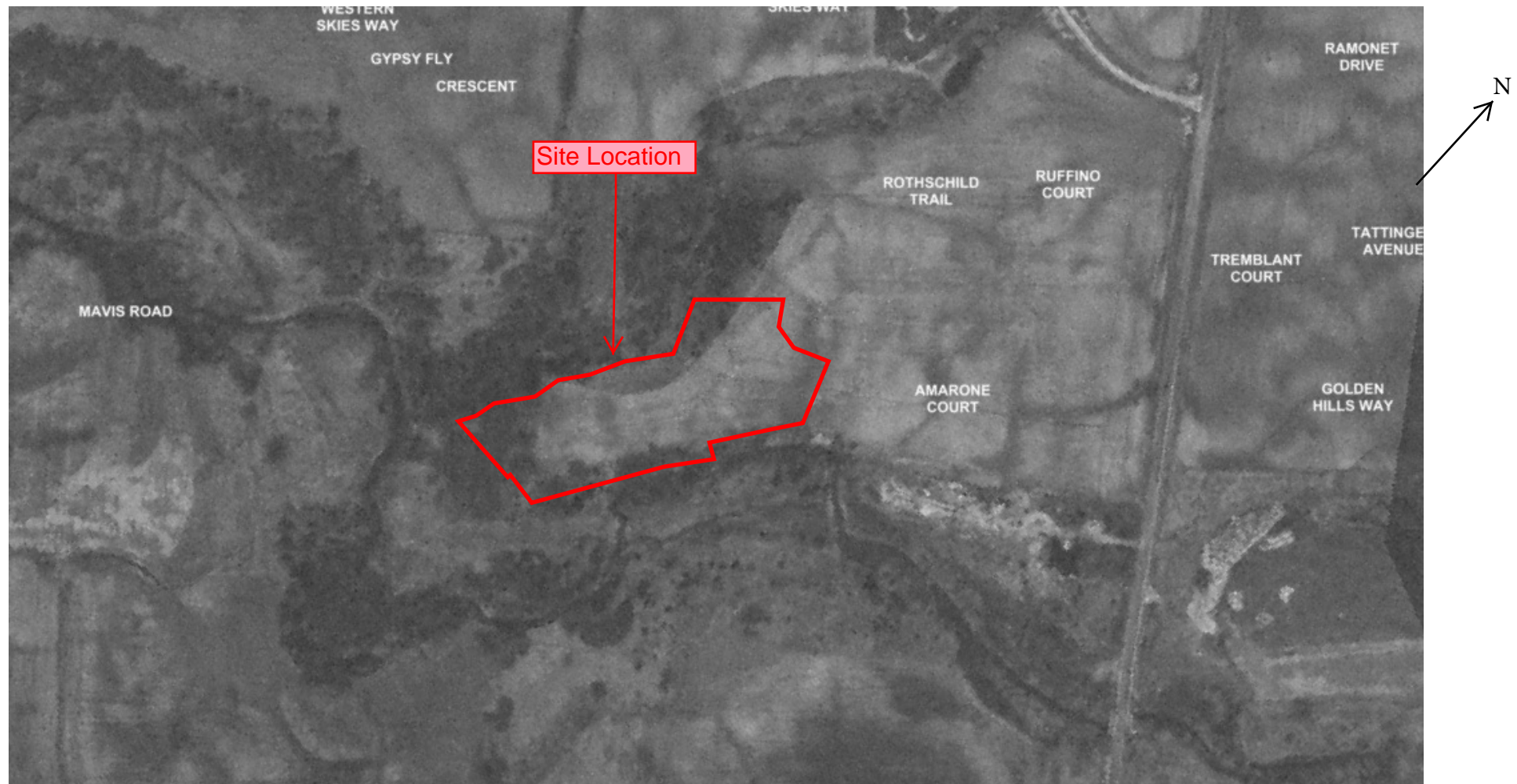
Historical Air Photos: 1954



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: August 4, 2020

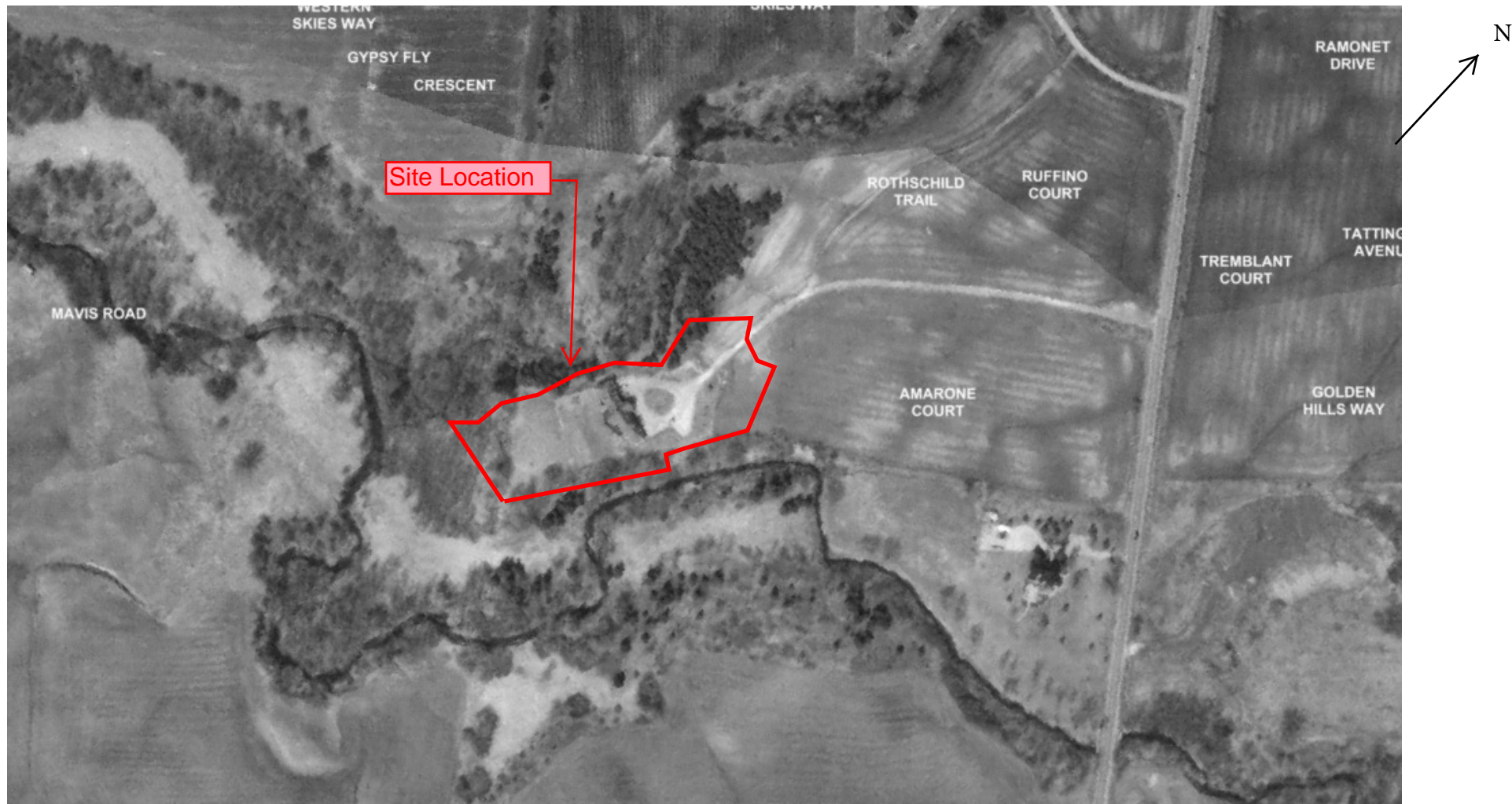


Historical Air Photos: 1985

Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: August 4, 2020



Historical Air Photos: 1989

Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: August 4, 2020



Historical Air Photos: 1992



Project: 19\*4558

6620 Rothschild Trail, Mississauga

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Date: Aug 4, 2020



Historical Air Photos: 2000



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: August 4, 2020



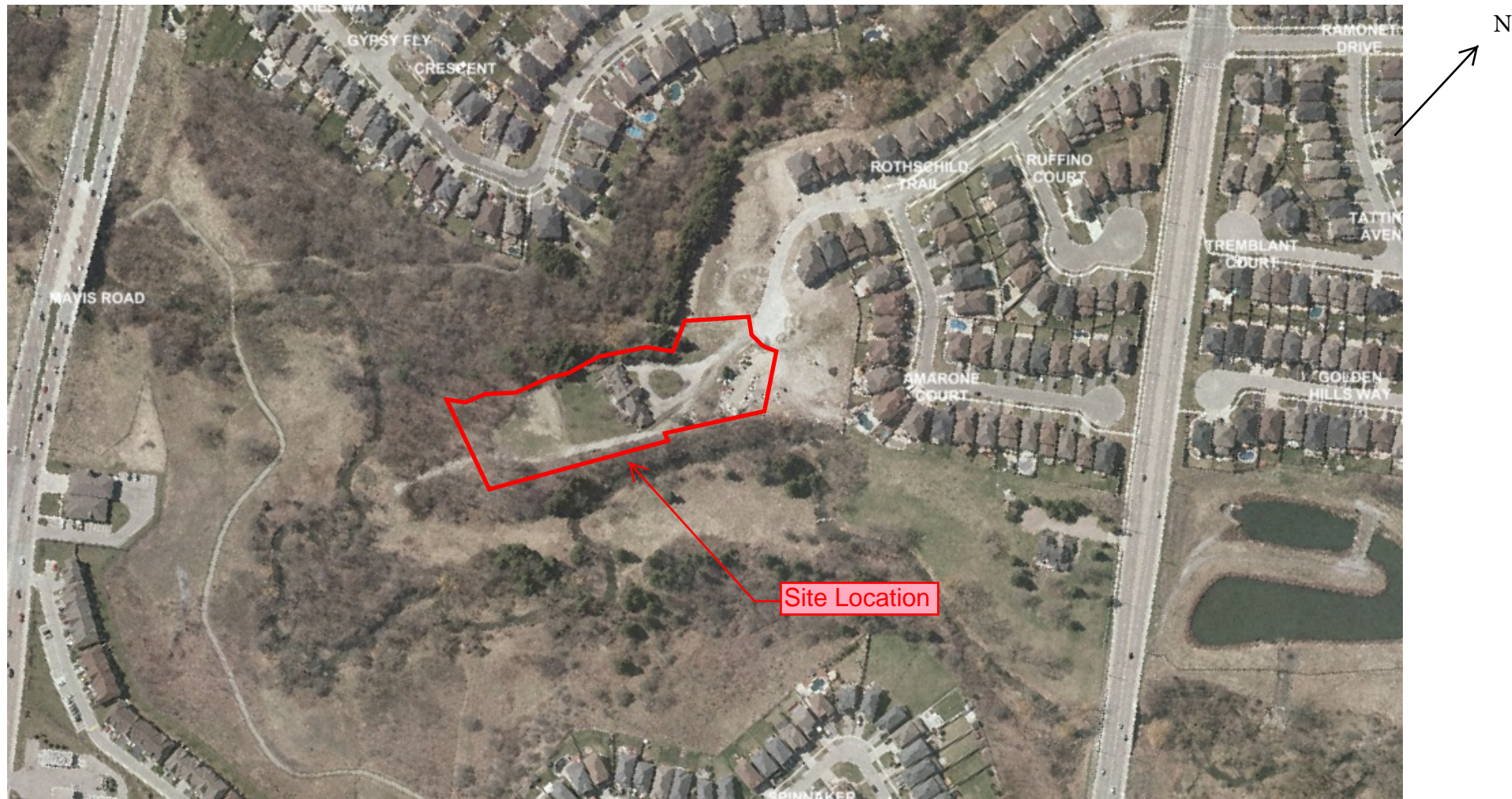
Historical Air Photos: 2004



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: August 4, 2020



Historical Air Photos: 2013



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: August 4, 2020

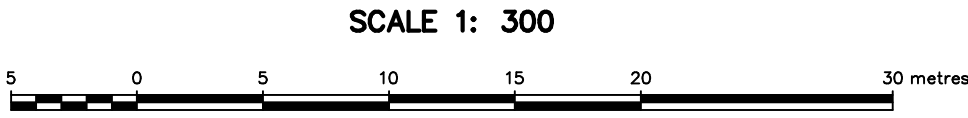


Historical Air Photos: 2018

Appendix D: Revised Site Survey



PLAN OF SURVEY OF  
LOT 21 AND 22  
REGISTERED PLAN 43M-1710  
BLOCK 2  
REGISTERED PLAN 43M-1476  
CITY OF MISSISSAUGA  
REGIONAL MUNICIPALITY OF PEEL



David B. Seales Surveying Ltd.  
ONTARIO LAND SURVEYORS

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

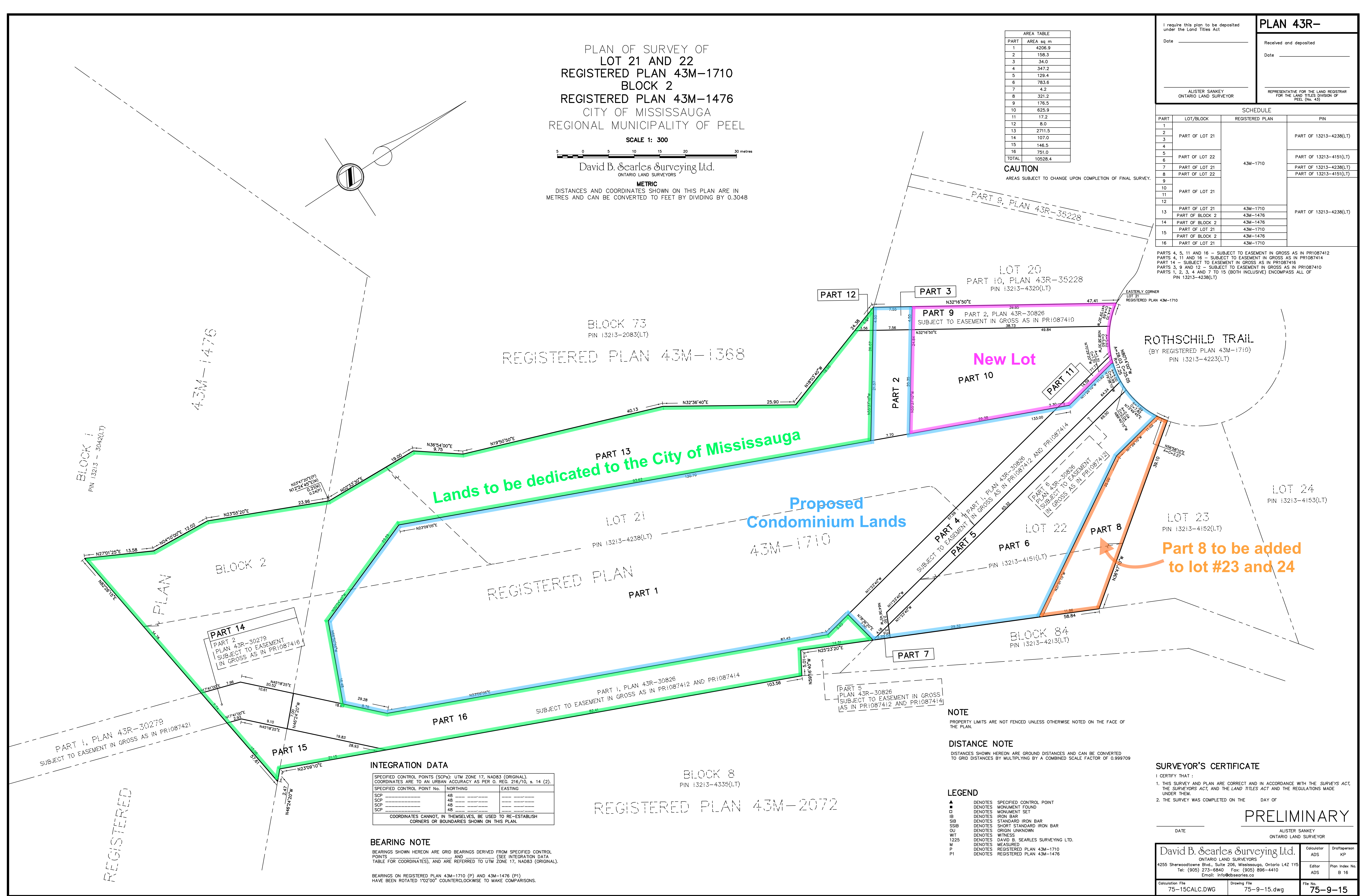
AREA TABLE	
PART	AREA sq. m
1	4206.9
2	158.3
3	34.0
4	347.2
5	129.4
6	783.6
7	4.2
8	321.2
9	176.5
10	625.9
11	17.2
12	8.0
13	2711.5
14	107.0
15	146.5
16	751.0
TOTAL	10528.4

CAUTION  
AREAS SUBJECT TO CHANGE UPON COMPLETION OF FINAL SURVEY.

I require this plan to be deposited under the Land Titles Act	<b>PLAN 43R-</b>
Date _____	Received and deposited
_____	Date _____
ALISTER SANKEY ONTARIO LAND SURVEYOR	REPRESENTATIVE FOR THE LAND REGISTRAR FOR THE LAND TITLES DIVISION OF PEEL (No. 43)

SCHEDULE			
PART	LOT/BLOCK	REGISTERED PLAN	PIN
1	PART OF LOT 21	43M-1710	PART OF 13213-4238(LT)
2			PART OF 13213-4151(LT)
3			
4			PART OF 13213-4238(LT)
5	PART OF LOT 22	43M-1710	PART OF 13213-4151(LT)
6			PART OF 13213-4238(LT)
7	PART OF LOT 21	43M-1710	PART OF 13213-4151(LT)
8	PART OF LOT 22	43M-1710	PART OF 13213-4151(LT)
9	PART OF LOT 21	43M-1710	PART OF 13213-4238(LT)
10			
11			
12			
13	PART OF LOT 21	43M-1710	PART OF 13213-4238(LT)
14	PART OF BLOCK 2	43M-1476	
15	PART OF LOT 21	43M-1710	
16	PART OF BLOCK 2	43M-1476	

PARTS 4, 5, 11 AND 16 - SUBJECT TO EASEMENT IN GROSS AS IN PR1087412  
PARTS 4, 11 AND 16 - SUBJECT TO EASEMENT IN GROSS AS IN PR1087414  
PART 14 - SUBJECT TO EASEMENT IN GROSS AS IN PR1087416  
PARTS 3, 9 AND 12 - SUBJECT TO EASEMENT IN GROSS AS IN PR1087410  
PARTS 1, 2, 3, 4 AND 7 TO 15 (BOTH INCLUSIVE) ENCOMPASS ALL OF  
PIN 13213-4238(LT)



INTEGRATION DATA

SPECIFIED CONTROL POINTS (SCPs): UTM ZONE 17, NAD83 (ORIGINAL). COORDINATES ARE TO AN URBAN ACCURACY AS PER O. REG. 216/10, s. 14 (2).		
SPECIFIED CONTROL POINT No.	NORTHING	EASTING
SCP 48	48	48
SCP 48	48	48
SCP 48	48	48
SCP 48	48	48

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

BEARING NOTE  
BEARINGS SHOWN HEREON ARE GRID BEARINGS DERIVED FROM SPECIFIED CONTROL  
POINTS AND (SEE INTEGRATION DATA  
TABLE FOR COORDINATES), AND ARE REFERRED TO UTM ZONE 17, NAD83 (ORIGINAL).  
BEARINGS ON REGISTERED PLAN 43M-1710 (P) AND 43M-1476 (P1)  
HAVE BEEN ROTATED 1°02'00" COUNTERCLOCKWISE TO MAKE COMPARISONS.

NOTE  
PROPERTY LIMITS ARE NOT FENCED UNLESS OTHERWISE NOTED ON THE FACE OF  
THE PLAN.  
DISTANCE NOTE  
DISTANCES SHOWN HEREON ARE GROUND DISTANCES AND CAN BE CONVERTED  
TO GRID DISTANCES BY MULTIPLYING BY A COMBINED SCALE FACTOR OF 0.999709

- LEGEND
- ▲ DENOTES SPECIFIED CONTROL POINT
  - DENOTES MONUMENT FOUND
  - DENOTES MONUMENT SET
  - IB DENOTES IRON BAR
  - SIB DENOTES STANDARD IRON BAR
  - SSIB DENOTES SHORT STANDARD IRON BAR
  - OU DENOTES ORIGIN UNKNOWN
  - WT DENOTES WITNESS
  - 1225 DENOTES DAVID B. SEALES SURVEYING LTD.
  - M DENOTES MEASURED
  - P DENOTES REGISTERED PLAN 43M-1710
  - P1 DENOTES REGISTERED PLAN 43M-1476

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

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

2. THE SURVEY WAS COMPLETED ON THE \_\_\_\_\_ DAY OF \_\_\_\_\_

DATE \_\_\_\_\_ ALISTER SANKEY  
ONTARIO LAND SURVEYOR

**PRELIMINARY**

David B. Seales Surveying Ltd.	Calculator ADS	Draftsperson KP
4285 Sherwoodstone Blvd., Suite 206, Mississauga, Ontario L4Z 1Y5 Tel: (905) 273-6840 Fax: (905) 896-4410 Email: info@dbseales.ca	Editor ADS	Plan Index No. B 16
Calculation File 75-15CALC.DWG	Drawing File 75-9-15.dwg	File No. 75-9-15

Appendix E: Peel County Atlas Mapping 1877,  
Natural Area Survey Map

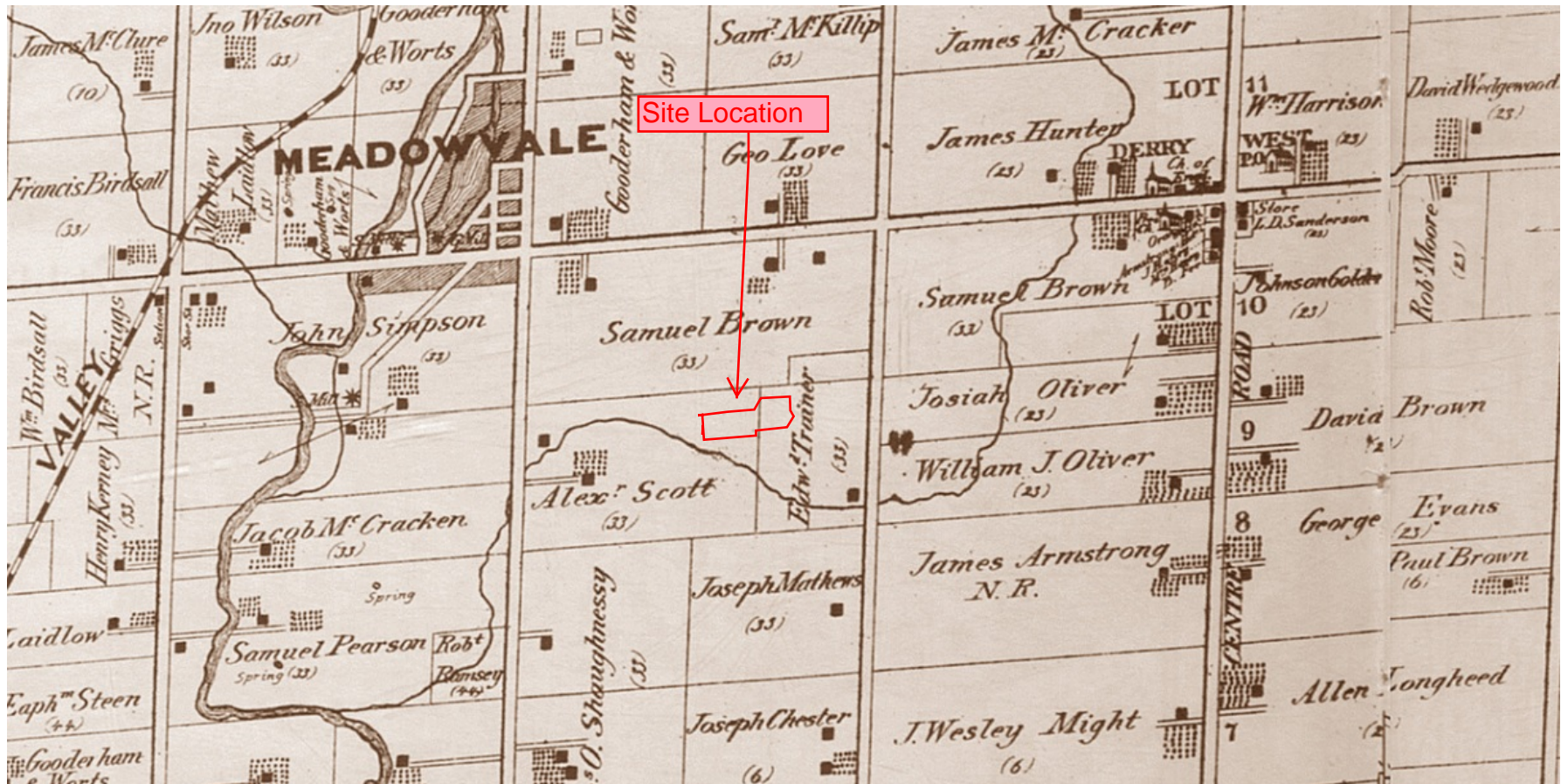


Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited

Date: August 4, 2020



Peel County - Township of Toronto North: 1877



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited

Date: August 4, 2020



City of Mississauga - Part of the Natural Areas Survey

Appendix F: Site Photographs



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: May 24, 2019



View to South - View of Front Elevation of Residence



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: May 24, 2019



View to South - View of Entrance with Residence Set Back

Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: May 24, 2019



View to Southwest - View of Existing Water Well & Water Storage Tank Access



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: February 13, 2020



View to West

February 13, 2020



Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited  
Date: February 13, 2020



View to Southwest



View to West



View to West - View of New Lot

February 13, 2020

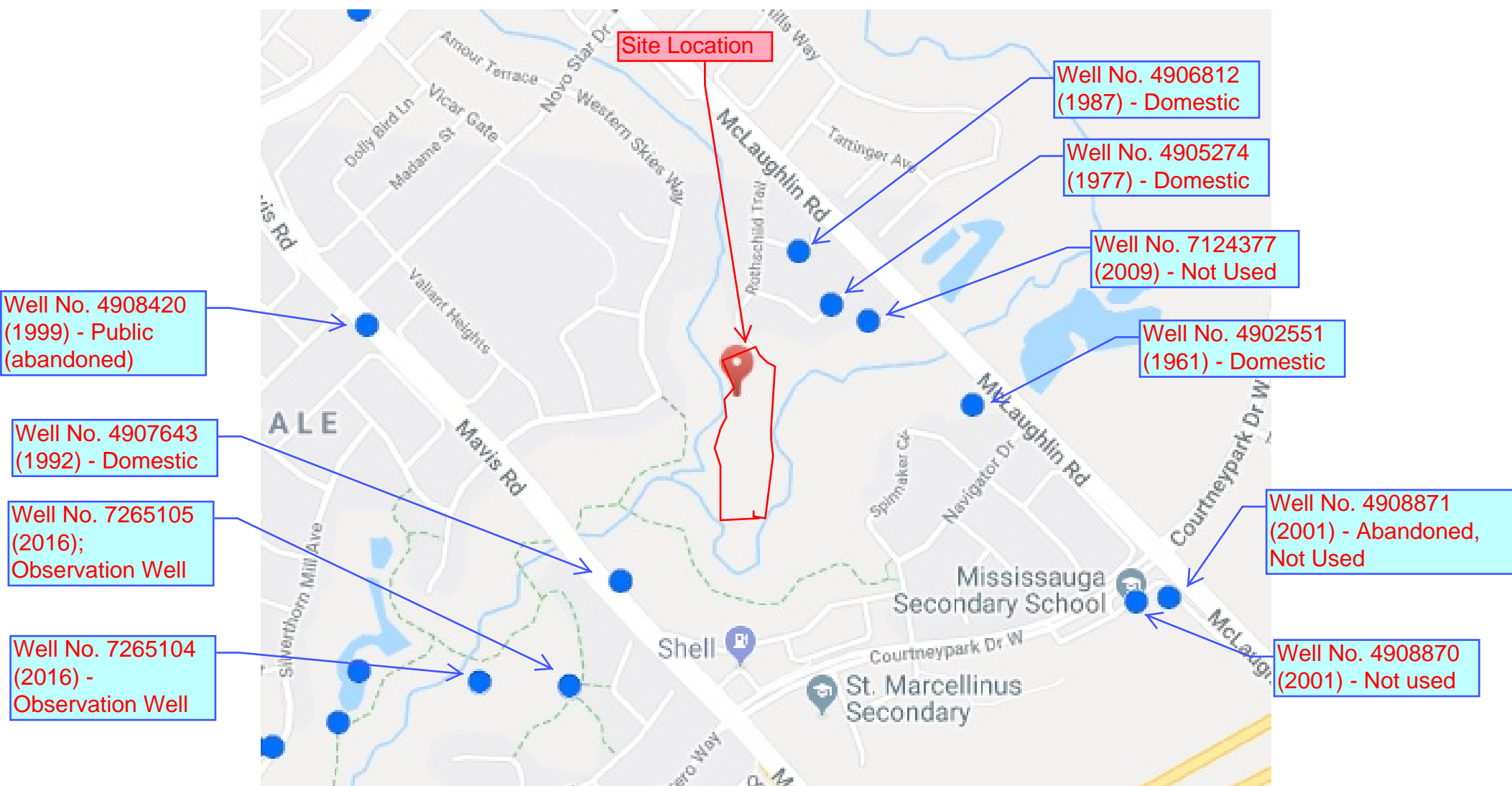
Appendix G: Map of Well Records; Table of Water Well Data

Project: 19\*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited

Date: May 24, 2019



Ministry of the Environment Well Location Map: Wells Identified are within the 250 m Phase One Study Area



**Water Wells Found within 625 m****of the Phase One Property**

<b>WELL NUMBER</b>	<b>DISTANCE AND DIRECTION FROM PHASE ONE PROPERTY</b>	<b>LOT AND CONCESSION</b>	<b>DEPTH TO BEDROCK</b>	<b>DEPTH TO WATER TABLE</b>
4906812	~ 195 m NE of phase one property	9, HS W 02	Bedrock was encountered. Overburden material was brown clay at a depth of 0.6 m, followed by a grey clay at a depth of 5 m, followed by red shale at 6 m, and grey shale at 9 and 21 m	12.8 m
4905274	~ 141 m NE of phase one property	9, HS W 02	Bedrock was encountered. Overburden material was brown loam at a depth of 0.3 m, followed by a brown clay at a depth of 12.8 m, followed by a mix of gravel, clay and shale at 33 m	24 m
7124377	~ 207 m NE of phase one property	9, HS W 02  Address shown is 6680 McLaughlin Rd.	Not provided	Not provided
4902551	~ 332 m east of phase one property	9, HS W 02	Bedrock encountered. Overburden material found was a brown clay to a depth of 3 m followed by blue shale to a depth of 7.3 m, followed by blue limestone at a depth of 15.8 m	15 m
4908420	~ 623 m northwest of phase one property	10, HS W 02	No Details	Not provided
4907643	~ 260 southwest m southwest of phase one property	9, HS W 02	Bedrock was not encountered. Overburden material was brown loam at a depth of 0.6 m, followed by a brown clay at a depth of 8.5 m, followed by a grey clay and shale at 18.9 m, followed by grey sand at a depth of 21 m, and grey gravel at 22 m	22 m

Project: 19\*4558

## Water Wells Found within 625 m

6620 Rothschild Trail, Mississauga

### of the Phase One Property

7265105	~ 440 m southwest of phase one property	Only address provided: 855 Brass Winds Place	Bedrock not encountered. Overburden material found was a brown sand to a depth of 2.1 m, followed by grey clay to a depth of 12.2 m,	7.6 m
7265104	~ 495 m southwest of phase one property	Only address provided: 855 Brass Winds Place	Bedrock was not encountered. Overburden material was brown sand at a depth of 2 m, followed by a grey clay at a depth of 3.7 m followed by a grey sand at 4.5 m, followed by grey clay at a depth of 6.2 m, and grey silt at 10.6 m	2.8 m



---

**Re: Technical Dept. - Request for information on ASTs, USTs and other. (No Record)**

From: Public Information Services <publicinformationsservices@tssa.org>

Date: 05/13/2019 08:37

To: Eva Mitsche <eva@brownassociates.ca>

---

Hello,

Thank you for your inquiry.

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

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

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

Thank you and have a great day,

Roxana

**Roxana Mashtaler | Public Information Agent**

Facilities

345 Carlingview Drive

Toronto, Ontario M9W 6N9>

Tel: +1-416-734-3472 | Fax: +1-416-231-6183 | E-Mail: [mashtaler@tssa.org](mailto:mashtaler@tssa.org)

[www.tssa.org](http://www.tssa.org)

---

**From:** Eva Mitsche <[eva@brownassociates.ca](mailto:eva@brownassociates.ca)>

**Sent:** May 10, 2019 1:13 PM

**To:** Public Information Services <[publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)>

**Subject:** Technical Dept. - Request for information on ASTs, USTs and other.

Dear Sir/Madam:

We are requesting any information you may have on a property(ies) located in the City of Mississauga

Property(ies) of interest: 1. 6620 Rothschild Trail, Mississauga, ON.

We require information on underground and above ground storage tanks registered for these properties ( commercial Plaza with multiple tenants) and any records for retail facilities, incident reports, fuel oil spills, or contamination records for this site(s).

Sincerely,

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

---

**Attachments** ( 5 files, 19.2 KB)

- image001.jpg (9.3 KB)
- image002.png (880.0 B)
- image003.png (998.0 B)
- image004.png (1.7 KB)
- image005.png (6.3 KB)







# DATABASE REPORT

<b>Project Property:</b>	<i>Single Detached Residential Home 6620 Rothschild Trail Mississauga ON L5W 0A6</i>
<b>Project No:</b>	<i>19*4558</i>
<b>Report Type:</b>	<i>Standard Report</i>
<b>Order No:</b>	<i>20190513078</i>
<b>Requested by:</b>	<i>Bruce A. Brown Associates Limited</i>
<b>Date Completed:</b>	<i>May 17, 2019</i>

## Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)

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## **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

**Reliance on information in Report:** This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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# Executive Summary

## Property Information:

**Project Property:** *Single Detached Residential Home  
6620 Rothschild Trail Mississauga ON L5W 0A6*

**Project No:** *19\*4558*

## **Coordinates:**

**Latitude:** *43.628453*  
**Longitude:** *-79.711734*  
**UTM Northing:** *4,831,413.54*  
**UTM Easting:** *603,928.35*  
**UTM Zone:** *UTM Zone 17T*

**Elevation:** *590 FT  
179.88 M*

## Order Information:

**Order No:** *20190513078*  
**Date Requested:** *May 13, 2019*  
**Requested by:** *Bruce A. Brown Associates Limited*  
**Report Type:** *Standard Report*

## Historical/Products:

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	4	4
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	1	1
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	0	0
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0

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



# Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#"><u>1</u></a>	EHS		6680 McLaughlin Road Mississauga ON L5W 0A7	ENE/163.7	-2.72	<a href="#"><u>13</u></a>
<a href="#"><u>2</u></a>	CA	GASMUZ CONSTRUCTION INC./968908 ONTARIO	WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA ON	WNW/187.1	3.12	<a href="#"><u>13</u></a>
<a href="#"><u>2</u></a>	CA	GASMUZ CONSTRUCTION INC./968908 ONTARIO	WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA ON	WNW/187.1	3.12	<a href="#"><u>13</u></a>
<a href="#"><u>2</u></a>	CA	DI BLASIO CORPORATION	WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA CITY ON	WNW/187.1	3.12	<a href="#"><u>14</u></a>
<a href="#"><u>2</u></a>	CA	DI BLASIO CORPORATION	GYPSY FLY CRES./WESTERN SKIES MISSISSAUGA CITY ON	WNW/187.1	3.12	<a href="#"><u>14</u></a>
<a href="#"><u>3</u></a>	PINC		6660 ROTHSCHILD TR, MISSISSAUGA ON	N/221.1	4.36	<a href="#"><u>14</u></a>
<a href="#"><u>4</u></a>	WWIS		lot 9 con 2 ON <b>Well ID:</b> 4905274	NE/239.3	10.02	<a href="#"><u>15</u></a>

# Executive Summary: Summary By Data Source

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 4 CA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
DI BLASIO CORPORATION	WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA CITY ON	WNW	187.10	<a href="#"><u>2</u></a>
DI BLASIO CORPORATION	GYPSY FLY CRES./WESTERN SKIES MISSISSAUGA CITY ON	WNW	187.10	<a href="#"><u>2</u></a>
GASMUZ CONSTRUCTION INC./968908 ONTARIO	WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA ON	WNW	187.10	<a href="#"><u>2</u></a>
GASMUZ CONSTRUCTION INC./968908 ONTARIO	WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA ON	WNW	187.10	<a href="#"><u>2</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jan 31, 2019 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	6680 McLaughlin Road Mississauga ON L5W 0A7	ENE	163.66	<a href="#"><u>1</u></a>

## **PINC - TSSA Pipeline Incidents**

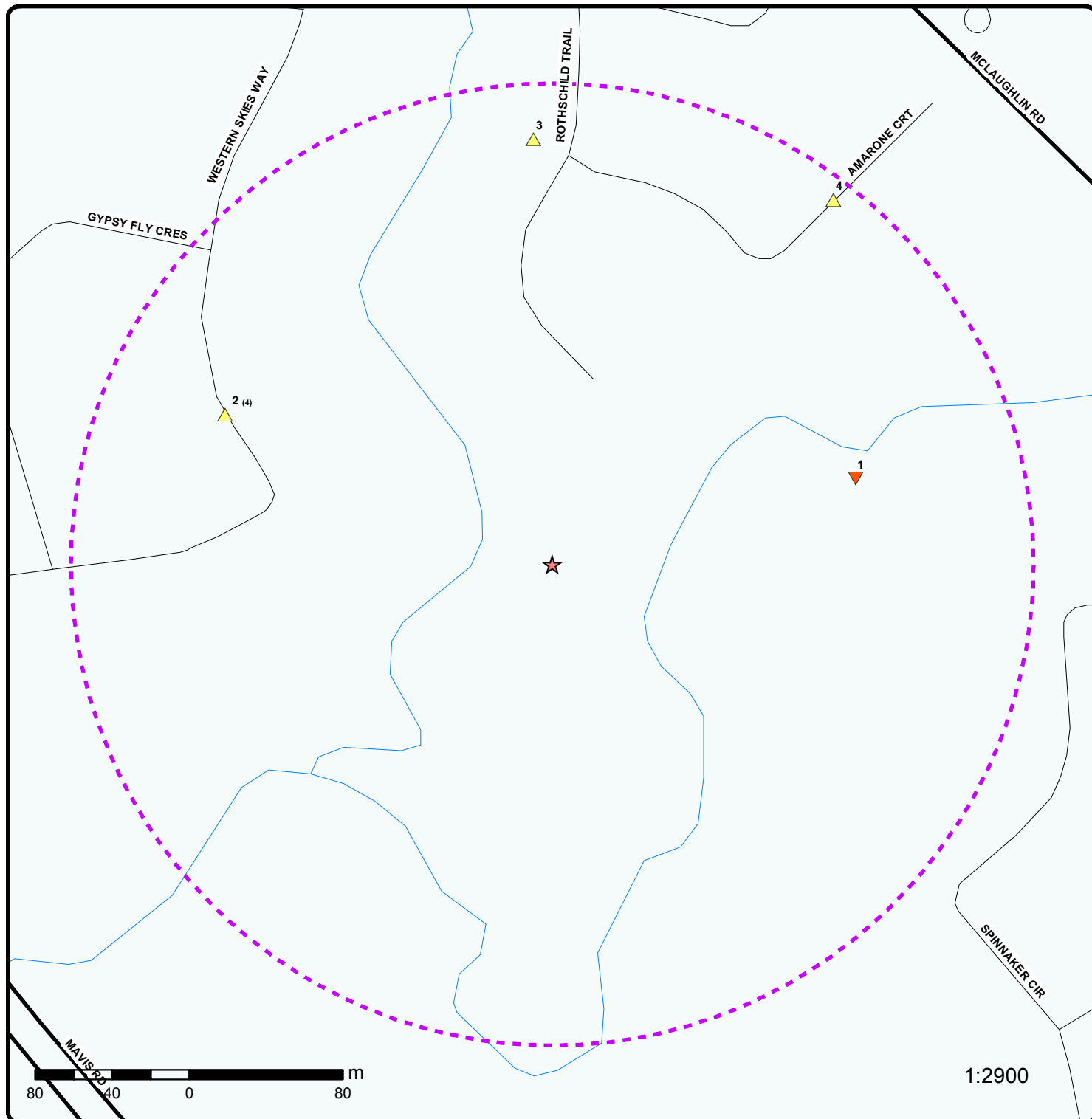
A search of the PINC database, dated Feb 28, 2017 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	6660 ROTHSCILD TR, MISSISSAUGA ON	N	221.11	<a href="#"><u>3</u></a>

## **WWIS - Water Well Information System**

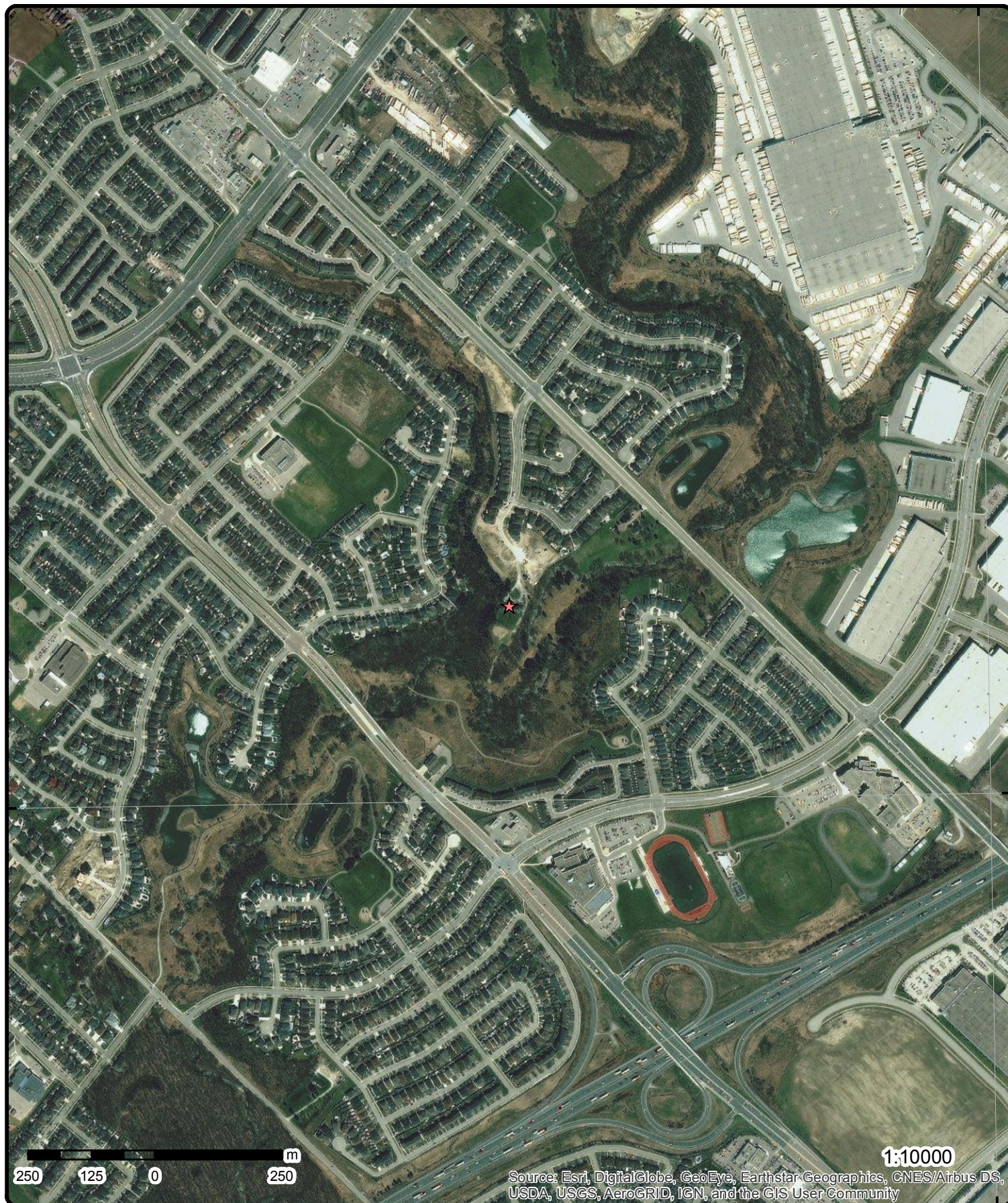
A search of the WWIS database, dated Dec 31, 2017 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	lot 9 con 2 ON	NE	239.34	<a href="#">4</a>
	<b>Well ID:</b> 4905274			



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





**Aerial (2013)**

**Address: 6620 Rothschild Trail, Mississauga, ON, L5W 0A6**

Source: ESRI World Imagery

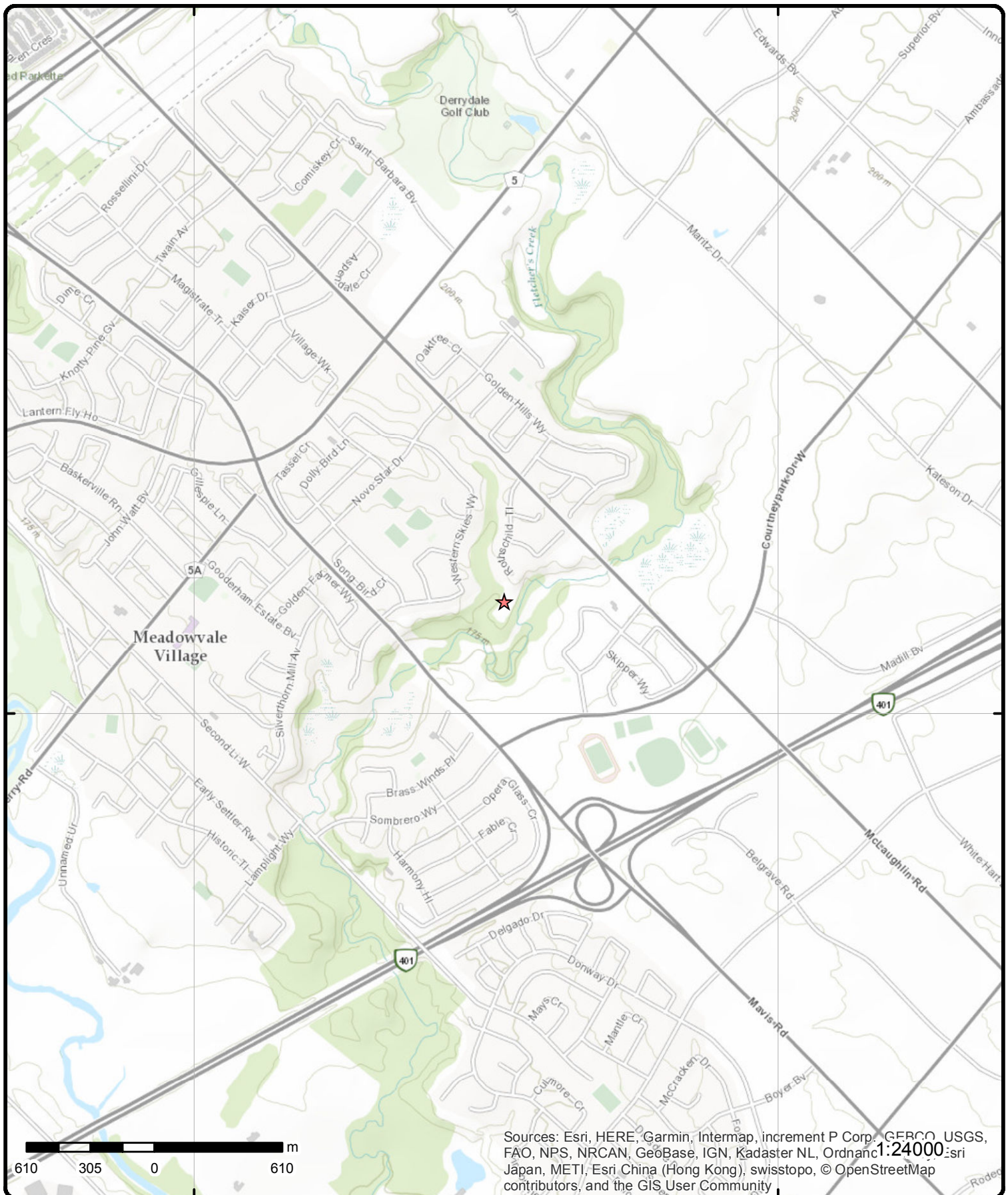
Order No: 20190513078

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



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# Topographic Map

**Address: 6620 Rothschild Trail, Mississauga, ON, L5W 0A6**

**Source:** ESRI World Topographic Map

Order No: 20190513078



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	1 of 1	ENE/163.7	177.2 / -2.72	6680 McLaughlin Road Mississauga ON L5W 0A7	EHS
<b>Order No:</b> 20181220042 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 31-DEC-18 <b>Date Received:</b> 20-DEC-18 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>		<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -79.709774 <b>Y:</b> 43.628832			
<a href="#">2</a>	1 of 4	WNW/187.1	183.0 / 3.12	GASMUZ CONSTRUCTION INC./968908 ONTARIO WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA ON	CA
<b>Certificate #:</b> 3-0731-98-98 <b>Application Year:</b> 98 <b>Issue Date:</b> 6/12/1998 <b>Approval Type:</b> Municipal sewage <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">2</a>	2 of 4	WNW/187.1	183.0 / 3.12	GASMUZ CONSTRUCTION INC./968908 ONTARIO WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA ON	CA
<b>Certificate #:</b> 7-0497-98-98 <b>Application Year:</b> 98 <b>Issue Date:</b> 6/12/1998 <b>Approval Type:</b> Municipal water <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">2</a>	3 of 4	WNW/187.1	183.0 / 3.12	DI BLASIO CORPORATION WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA CITY ON	CA
<b>Certificate #:</b> 3-0361-99- <b>Application Year:</b> 99 <b>Issue Date:</b> 4/23/1999 <b>Approval Type:</b> Municipal sewage <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">2</a>	4 of 4	WNW/187.1	183.0 / 3.12	DI BLASIO CORPORATION GYPSY FLY CRES./WESTERN SKIES MISSISSAUGA CITY ON	CA
<b>Certificate #:</b> 7-0230-99- <b>Application Year:</b> 99 <b>Issue Date:</b> 4/23/1999 <b>Approval Type:</b> Municipal water <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">3</a>	1 of 1	N/221.1	184.2 / 4.36	6660 ROTHSCILD TR, MISSISSAUGA ON	PINC
<b>Incident ID:</b> <b>Incident No:</b> 1092736 <b>Type:</b> FS-Pipeline Incident <b>Status Code:</b> Pipeline Damage Reason Est <b>Fuel Occurrence Tp:</b> <b>Fuel Type:</b> <b>Tank Status:</b> RC Established <b>Task No:</b> 4458423 <b>Spills Action Centre:</b> <b>Method Details:</b> E-mail <b>Fuel Category:</b> Natural Gas <b>Date of Occurrence:</b> <b>Occurrence Start Date:</b> 2013/05/27 <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> 6660 ROTHSCILD TR, MISSISSAUGA - 0.5" PIPELINE HIT <b>Reported By:</b> Tony Harnett - tony.harnett@enbridge.com <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> No notification made to the one call center <b>Notes:</b>					
<b>Health Impact:</b> <b>Environment Impact:</b> <b>Property Damage:</b> Yes <b>Service Interrupt:</b> <b>Enforce Policy:</b> Yes <b>Public Relation:</b> <b>Pipeline System:</b> <b>Depth:</b> <b>Pipe Material:</b> <b>PSIG:</b> <b>Attribute Category:</b> FS-Perform P-line Inc Invest <b>Regulator Location:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">4</a>	1 of 1	NE/239.3	189.9 / 10.02	lot 9 con 2 ON	WWIS
<div> <div> <b>Well ID:</b> 4905274  <b>Construction Date:</b>  <b>Primary Water Use:</b> Domestic  <b>Sec. Water Use:</b> 0  <b>Final Well Status:</b> Water Supply  <b>Water Type:</b>  <b>Casing Material:</b>  <b>Audit No:</b>  <b>Tag:</b>  <b>Construction Method:</b>  <b>Elevation (m):</b>  <b>Elevation Reliability:</b>  <b>Depth to Bedrock:</b>  <b>Well Depth:</b>  <b>Overburden/Bedrock:</b>  <b>Pump Rate:</b>  <b>Static Water Level:</b>  <b>Flowing (Y/N):</b>  <b>Flow Rate:</b>  <b>Clear/Cloudy:</b> </div> <div> <b>Data Entry Status:</b>  <b>Data Src:</b> 1  <b>Date Received:</b> 1/11/1978  <b>Selected Flag:</b> Yes  <b>Abandonment Rec:</b>  <b>Contractor:</b> 2341  <b>Form Version:</b> 1  <b>Owner:</b>  <b>Street Name:</b>  <b>County:</b> PEEL  <b>Municipality:</b> MISSISSAUGA CITY  <b>Site Info:</b>  <b>Lot:</b> 009  <b>Concession:</b> 02  <b>Concession Name:</b> HS W  <b>Easting NAD83:</b>  <b>Northing NAD83:</b>  <b>Zone:</b>  <b>UTM Reliability:</b> </div> </div>					
<b><u>Bore Hole Information</u></b>					
<div> <div> <b>Bore Hole ID:</b> 10320029  <b>DP2BR:</b> 42  <b>Spatial Status:</b>  <b>Code OB:</b> v  <b>Code OB Desc:</b> Overburden below Bedrock  <b>Open Hole:</b>  <b>Cluster Kind:</b>  <b>Date Completed:</b> 24-JUN-77  <b>Remarks:</b>  <b>Elevrc Desc:</b>  <b>Location Source Date:</b>  <b>Improvement Location Source:</b>  <b>Improvement Location Method:</b>  <b>Source Revision Comment:</b>  <b>Supplier Comment:</b> </div> <div> <b>Elevation:</b> 190.97  <b>Elevrc:</b>  <b>Zone:</b> 17  <b>East83:</b> 604074.6  <b>North83:</b> 4831603  <b>Org CS:</b>  <b>UTMRC:</b> 4  <b>UTMRC Desc:</b> margin of error : 30 m - 100 m  <b>Location Method:</b> p4 </div> </div>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<div> <div> <b>Formation ID:</b> 932049384  <b>Layer:</b> 3  <b>Color:</b>  <b>General Color:</b>  <b>Mat1:</b> 17  <b>Most Common Material:</b> SHALE  <b>Mat2:</b> 05  <b>Other Materials:</b> CLAY  <b>Mat3:</b>  <b>Other Materials:</b>  <b>Formation Top Depth:</b> 42  <b>Formation End Depth:</b> 63  <b>Formation End Depth UOM:</b> ft </div> </div>					
<b><u>Overburden and Bedrock</u></b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Materials Interval</u></b>					
Formation ID:		932049386			
Layer:		5			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		17			
Other Materials:		SHALE			
Formation Top Depth:		80			
Formation End Depth:		108			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:		932049383			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		42			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:		932049385			
Layer:		4			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		63			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:		932049382			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>	1				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>	964905274				
<b>Method Construction Code:</b>	1				
<b>Method Construction:</b>	Cable Tool				
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	10868599				
<b>Casing No:</b>	1				
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	930528102				
<b>Layer:</b>	1				
<b>Material:</b>	1				
<b>Open Hole or Material:</b>	STEEL				
<b>Depth From:</b>					
<b>Depth To:</b>	105				
<b>Casing Diameter:</b>	5				
<b>Casing Diameter UOM:</b>	inch				
<b>Casing Depth UOM:</b>	ft				
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>	994905274				
<b>Pump Set At:</b>					
<b>Static Level:</b>	9				
<b>Final Level After Pumping:</b>	80				
<b>Recommended Pump Depth:</b>	15				
<b>Pumping Rate:</b>	60				
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>	12				
<b>Levels UOM:</b>	ft				
<b>Rate UOM:</b>	GPM				
<b>Water State After Test Code:</b>	1				
<b>Water State After Test:</b>	CLEAR				
<b>Pumping Test Method:</b>	1				
<b>Pumping Duration HR:</b>	99				
<b>Pumping Duration MIN:</b>	59				
<b>Flowing:</b>	N				
<b><u>Water Details</u></b>					
<b>Water ID:</b>	933793310				
<b>Layer:</b>	1				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	80				
<b>Water Found Depth UOM:</b>	ft				

# Unplottable Summary

Total: **29** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Part of Lot 9 and 10, Concession 2	Mississauga ON	
CA	D.K.S.A. GROUP LTD.-PT. LOT 9/RANGE 2	CREDIT INDIAN RESERVE/S.W.MGT.	MISSISSAUGA CITY ON	
CA	UNIPETRO RESOURCES INC.-PT.LOT 6/CONC.1	MCLAUGHLIN RD., STM-WATER MGT.	MISSISSAUGA CITY ON	
CA	The Corporation of the City of Mississauga	McLaughlin Rd	Mississauga ON	
CA	R.M. OF PEEL	MCLAUGHLIN RD.	MISSISSAUGA CITY ON	
CA	R.M. OF PEEL	MCLAUGHLIN RD.	MISSISSAUGA CITY ON	
CA	ORLANDO CORPORATION	MCLAUGHLIN RD.	MISSISSAUGA CITY ON	
CA	ORLANDO CORPORATION	STREET LINE MCLAUGHLIN RD.	MISSISSAUGA CITY ON	
CA	MISSISSAUGA CITY	MCLAUGHLIN RD.	MISSISSAUGA CITY ON	
CA	MISSISSAUGA CITY	MCLAUGHLIN RD.	MISSISSAUGA CITY ON	
CA	GASPERO DEVELOPMENTS LTD. FILE#8776	STREET 'A' MCLAUGHLIN RD.	MISSISSAUGA CITY ON	
CA	GASPERO DEVELOPMENTS LTD.	STREET A W. OF MCLAUGHLIN RD.	MISSISSAUGA CITY ON	
CA	GASPERO DEVELOPMENTS LTD.	STREET A W. OF MCLAUGHLIN RD.	MISSISSAUGA CITY ON	
CA		McLaughlin Road	Mississauga ON	
CA		Part of Lots 9 and 10, Concession 2	Mississauga ON	
CA	Western Skies Way	Pt. Lots 9&10, con. 2	Mississauga ON	
CA	Di Blasio Corporation and Golden Town Company Limited		Mississauga ON	
CA	Western Skies Way	Pt. Lots 9&10, con. 2	MISSISSAUGA ON	

CA		Part of Lots 7, 8, and 9, Concession 2. W.H.S.	Mississauga ON	
CA		Part of Lots 9 and 10, Concession 2	Mississauga ON	
CA		Part of Lots 9 and 10, Concession 2	Mississauga ON	
CA		Lots 7,8,9,10,11,12, Concessions 1/2, McLaughlin Road	Mississauga ON	
ECA	The Regional Municipality of Peel	McLaughlin Road	Mississauga ON	L6T 4B9
ECA	The Corporation of the City of Mississauga	McLaughlin Rd	Mississauga ON	L5C 1T7
GEN	Staedtler Mars Ltd	McLaughlin Road	Mississauga ON	L5R 3K5
GEN	Staedtler Mars Ltd	McLaughlin Road	Mississauga ON	L5R 3K5
GEN	Staedtler Mars Ltd	McLaughlin Road	Mississauga ON	
GEN	Staedtler Mars Ltd	McLaughlin Road	Mississauga ON	
GEN	Staedtler Mars Ltd	McLaughlin Road	Mississauga ON	

# Unplottable Report

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**Site:** *Part of Lot 9 and 10, Concession 2 Mississauga ON* **Database:** *CA*

**Certificate #:** 0200-4QQLCB  
**Application Year:** 00  
**Issue Date:** 11/6/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 919848 Ontario Inc  
**Client Address:** 46 Ashbridge Circle  
**Client City:** Woodbridge  
**Client Postal Code:** L4L 3R5  
**Project Description:** Construction of Storm and Sanitary sewers in the City of Mississauga  
**Contaminants:**  
**Emission Control:**

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**Site:** *D.K.S.A. GROUP LTD.-PT. LOT 9/RANGE 2  
CREDIT INDIAN RESERVE/S.W.MGT. MISSISSAUGA CITY ON* **Database:** *CA*

**Certificate #:** 3-0007-92-  
**Application Year:** 92  
**Issue Date:** 11/9/1993  
**Approval Type:** Municipal sewage  
**Status:** Underwent 1st revision in 1993  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *UNIPETRO RESOURCES INC.-PT.LOT 6/CONC.1  
MCLAUGHLIN RD., STM-WATER MGT. MISSISSAUGA CITY ON* **Database:** *CA*

**Certificate #:** 3-0065-92-  
**Application Year:** 92  
**Issue Date:** 2/14/1992  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *The Corporation of the City of Mississauga  
McLaughlin Rd Mississauga ON* **Database:** *CA*

**Certificate #:** 8100-7BEKYU  
**Application Year:** 2008

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**Issue Date:** 2/5/2008  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **R.M. OF PEEL**  
**MCLAUGHLIN RD. MISSISSAUGA CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-1435-88-  
**Application Year:** 88  
**Issue Date:** 8/24/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** **R.M. OF PEEL**  
**MCLAUGHLIN RD. MISSISSAUGA CITY ON**

**Database:**  
**CA**

**Certificate #:** 7-1230-88-  
**Application Year:** 88  
**Issue Date:** 8/25/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** **ORLANDO CORPORATION**  
**MCLAUGHLIN RD. MISSISSAUGA CITY ON**

**Database:**  
**CA**

**Certificate #:** 7-0054-89-  
**Application Year:** 89  
**Issue Date:** 1/27/1989  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

**Site:** ORLANDO CORPORATION  
STREET LINE MCLAUGHLIN RD. MISSISSAUGA CITY ON

**Database:**  
CA

**Certificate #:** 3-0052-89-  
**Application Year:** 89  
**Issue Date:** 1/27/1989  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** MISSISSAUGA CITY  
MCLAUGHLIN RD. MISSISSAUGA CITY ON

**Database:**  
CA

**Certificate #:** 3-1436-88-  
**Application Year:** 88  
**Issue Date:** 8/5/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** MISSISSAUGA CITY  
MCLAUGHLIN RD. MISSISSAUGA CITY ON

**Database:**  
CA

**Certificate #:** 3-1719-87-  
**Application Year:** 87  
**Issue Date:** 9/29/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** GASPERO DEVELOPMENTS LTD. FILE#8776  
STREET 'A' MCLAUGHLIN RD. MISSISSAUGA CITY ON

**Database:**  
CA

**Certificate #:** 3-0022-88-  
**Application Year:** 88  
**Issue Date:** 6/12/1990  
**Approval Type:** Municipal sewage  
**Status:** Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**

Contaminants:  
Emission Control:

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**Site:** GASPERO DEVELOPMENTS LTD.  
STREET A W. OF MCLAUGHLIN RD. MISSISSAUGA CITY ON

**Database:**  
CA

**Certificate #:** 7-0001-88-  
**Application Year:** 88  
**Issue Date:** 1/22/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** GASPERO DEVELOPMENTS LTD.  
STREET A W. OF MCLAUGHLIN RD. MISSISSAUGA CITY ON

**Database:**  
CA

**Certificate #:** 3-0002-88-  
**Application Year:** 88  
**Issue Date:** 1/22/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** McLaughlin Road Mississauga ON

**Database:**  
CA

**Certificate #:** 2118-52VPFS  
**Application Year:** 01  
**Issue Date:** 9/27/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the Regional Municipality of Peel  
**Client Address:** 10 Peel Centre Drive, Fourth Floor  
**Client City:** Brampton  
**Client Postal Code:** L6T 4B9  
**Project Description:** This application is for the construction of a storm sewer on McLaughlin Road in the City of Mississauga.  
**Contaminants:**  
**Emission Control:**

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**Site:** Part of Lots 9 and 10, Concession 2 Mississauga ON

**Database:**  
CA

**Certificate #:** 2368-4P6L5K  
**Application Year:** 00  
**Issue Date:** 9/18/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval

**Client Name:** Di Blasio Corporation  
**Client Address:** 121 Brunel Road, Suite 220  
**Client City:** Mississauga  
**Client Postal Code:** L4Z 3E9  
**Project Description:** Watermains to be constructed in the City of Mississauga, Regional Municipality of Peel  
**Contaminants:**  
**Emission Control:**

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**Site:** *Western Skies Way  
Pt. Lots 9&10, con. 2 Mississauga ON*

**Database:**  
*CA*

**Certificate #:** 3871-4FASNH  
**Application Year:** 00  
**Issue Date:** 1/7/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 968908 Ontario Inc.  
**Client Address:** 100 Strada Dr., Woodbridge  
**Client City:** Vaughan  
**Client Postal Code:** L4L 5V7  
**Project Description:** Storm & Sanitary Sewers  
**Contaminants:**  
**Emission Control:**

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**Site:** *Di Blasio Corporation and Golden Town Company Limited  
Mississauga ON*

**Database:**  
*CA*

**Certificate #:** 9360-67GR5S  
**Application Year:** 2004  
**Issue Date:** 12/10/2004  
**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:**

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**Site:** *Western Skies Way  
Pt. Lots 9&10, con. 2 MISSISSAUGA ON*

**Database:**  
*CA*

**Certificate #:** 0466-4FATMV  
**Application Year:** 00  
**Issue Date:** 1/7/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 968908 Ontario Inc.  
**Client Address:** 100 Strada Dr., Woodbridge  
**Client City:** VAUGHAN  
**Client Postal Code:** L4L 5V7  
**Project Description:** Watermains  
**Contaminants:**  
**Emission Control:**

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**Site:** *Part of Lots 7, 8, and 9, Concession 2. W.H.S. Mississauga ON*

**Database:**  
*CA*

**Certificate #:** 2685-4MTLJ7

**Application Year:** 00  
**Issue Date:** 8/16/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 968907 Ontario Inc.  
**Client Address:** 100 Strada Drive, Unit 1  
**Client City:** Vaughan  
**Client Postal Code:** L4F 5V7  
**Project Description:** This is an application for Municipal and Private Sewage Works Certificate of Approval to construct a stormwater management facility consisting of permanent storage of approximately 10,280 cubic metres and an active storage volume of approximately 10,300 cubic metres.  
**Contaminants:**  
**Emission Control:**

---

**Site:** **Part of Lots 9 and 10, Concession 2 Mississauga ON** **Database:** **CA**

**Certificate #:** 1414-4QQLV7  
**Application Year:** 00  
**Issue Date:** 11/6/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 919848 Ontario Inc  
**Client Address:** 46 Ashbridge Circle  
**Client City:** Woodbridge  
**Client Postal Code:** L4L 3R5  
**Project Description:** Construction of Watermains in the City of Mississauga.  
**Contaminants:**  
**Emission Control:**

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**Site:** **Part of Lots 9 and 10, Concession 2 Mississauga ON** **Database:** **CA**

**Certificate #:** 1738-4P6JYB  
**Application Year:** 00  
**Issue Date:** 9/18/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Di Blasio Corporation  
**Client Address:** 121 Brunel Road, Suite 220  
**Client City:** Mississauga  
**Client Postal Code:** L4Z 3E9  
**Project Description:** Storm and sanitary sewers to be constructed in the City of Mississauga, Regional Municipality of Peel  
**Contaminants:**  
**Emission Control:**

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**Site:** **Lots 7,8,9,10,11,12, Concessions 1/2, McLaughlin Road Mississauga ON** **Database:** **CA**

**Certificate #:** 4076-4PJRSS  
**Application Year:** 00  
**Issue Date:** 9/27/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation Of The City Of Mississauga  
**Client Address:** 3185 Mavis Road  
**Client City:** Mississauga  
**Client Postal Code:** L5C 1T7  
**Project Description:** storm sewers to be constructed on McLaughlin Road  
**Contaminants:**  
**Emission Control:**



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**Site:** The Regional Municipality of Peel  
McLaughlin Road Mississauga ON L6T 4B9

**Database:**  
ECA

**Approval No:** 2118-52VPFS  
**Approval Date:** 2001-09-27  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** McLaughlin Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/8206-52RMPG-14.pdf>

**MOE District:**  
**City:** Mississauga  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** The Corporation of the City of Mississauga  
McLaughlin Rd Mississauga ON L5C 1T7

**Database:**  
ECA

**Approval No:** 8100-7BEKYU  
**Approval Date:** 2008-02-05  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** McLaughlin Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4559-7B6RTH-14.pdf>

**MOE District:**  
**City:** Mississauga  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** Staedtler Mars Ltd  
McLaughlin Road Mississauga ON L5R 3K5

**Database:**  
GEN

**Generator No:** ON1949386  
**Status:**  
**Approval Years:** 02,03,04,05,06,07,08  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

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

**--Details--**

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

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**Site:** Staedtler Mars Ltd  
McLaughlin Road Mississauga ON L5R 3K5

**Database:**  
GEN

**Generator No:** ON1949386  
**Status:**  
**Approval Years:** 2012  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 339990  
**SIC Description:** All Other Miscellaneous Manufacturing

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

**--Details--**

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

**Database:**  
**GEN**

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

<b>Waste Code:</b>	145
<b>Waste Description:</b>	PAINT/PIGMENT/COATING RESIDUES

**Database:**  
**GEN**

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

<b>Waste Code:</b>	145
<b>Waste Description:</b>	PAINT/PIGMENT/COATING RESIDUES

**Database:**  
**GEN**

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

<b>Waste Code:</b>	145
<b>Waste Description:</b>	PAINT/PIGMENT/COATING RESIDUES

## 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

**AGR**

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 2018**

### **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**

### **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, 2019**

### **Borehole:**

Provincial

**BORE**

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

**Government Publication Date: 1875-Jul 2014**

### **Certificates of Approval:**

Provincial

**CA**

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

**Government Publication Date: 1985-Oct 30, 2011\***

**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

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

**Government Publication Date:** Feb 28, 2017

**Chemical Register:**

Private

CHEM

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

**Government Publication Date:** 1999-Jan 31, 2019

**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 - Mar 2019

**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-Mar 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-Mar 31, 2019

**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 - Oct 2018

**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, 2019



**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-Mar 31, 2019**

**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, 2019**

**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, 2019**

**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, 2018**

**List of TSSA Expired Facilities:**

Provincial

[EXP](#)

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

**Government Publication Date: Feb 28, 2017**

**Federal Convictions:**

Federal

FCON

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

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal

FCS

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

**Government Publication Date: Jun 2000-Oct 2018**

**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

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

**Government Publication Date: 1964-Sep 2018**

**Fuel Storage Tank:**

Provincial

FST

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

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial

FSTH

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

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

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

**Government Publication Date: 1986-Dec 31, 2018**

**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 CO<sub>2</sub> eq).

**Government Publication Date: 2013-Dec 2016**

**TSSA Historic Incidents:**

Provincial

HINC

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

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

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

**Government Publication Date: 1950-Aug 2003\***

**TSSA Incidents:**

Provincial

INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

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

**Government Publication Date: Sep 30, 2017**

**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 2019**

**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, 2017**

**National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

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

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal

NDSP

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

**Government Publication Date: Mar 1999-Apr 2018**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

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

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Pipeline Incidents:**

Federal

NEBI

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

**Government Publication Date: 2008-Dec 31, 2018**

**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](http://www.nickles.com).

**Government Publication Date: 1988-Feb 28, 2019**

**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 OGSRLibrary has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-May 2018**

**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

**Orders:**

Provincial

ORD

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

**Government Publication Date:** 1994-Mar 31, 2019

**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-Sep 2018

**TSSA Pipeline Incidents:**

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date:** Feb 28, 2017

**Private and Retail Fuel Storage Tanks:**

Provincial

PRT

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

**Government Publication Date:** 1989-1996\*

**Permit to Take Water:**

Provincial

PTTW

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

**Government Publication Date:** 1994-Mar 31, 2019

**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 2019

**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, 2019

**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-Feb 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, 2016

**Anderson's Storage Tanks:**

Private

TANK

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

**Government Publication Date:** 1915-1953\*

**Transport Canada Fuel Storage Tanks:**

Federal

TCFT

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

**Government Publication Date:** 1970-Aug 2018

**TSSA Variances for Abandonment of Underground Storage Tanks:**

Provincial

VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date:** Feb 28, 2017

**Waste Disposal Sites - MOE CA Inventory:**

Provincial

[WDS](#)

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

**Government Publication Date: Oct 2011-Apr 30, 2019**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

[WDSH](#)

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

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

[WWIS](#)

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

**Government Publication Date: Dec 31, 2017**

# Definitions

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

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

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

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

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

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

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

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

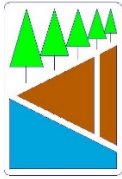
'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

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

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

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

Appendix J: Brown Associates reliance letter to City Mississauga



**BRUCE A. BROWN ASSOCIATES LIMITED**

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**August 12, 2020**

**Project 19\*4558**

Manager, Environmental Site Management & Compliance  
Environmental Services  
Transportation & Works Department  
City of Mississauga  
201 City Centre Drive, 8<sup>th</sup> Floor  
Mississauga, ON L5B 2T4

**RE: Reliance Letter for 6620 Rothschild Trail, Mississauga**

To Manager, Environmental Site Management & Compliance:

It is understood that **1215846 Ontario Ltd., C.O.B. as Di Blasio Homes**, (the "Owner") is seeking approval of a development application from the City of Mississauga (the "City") regarding the above-referenced property (the "Site"). **Bruce A. Brown Associates Limited** has prepared the following report(s) on behalf of the Owner:

Phase I Environmental Site Assessment, June 5, 2019

Phase I Environmental Site Assessment Update, February 13, 2020

Phase I Environmental Site Assessment Update, August 6, 2020

On behalf of **Bruce A. Brown Associates Limited**, I confirm that I am a Qualified Person within the meaning of Sections 5 and 6 of O.Reg.153/04 of the *Environmental Protection Act, R.S.O. 1990, c. 19* and have the requisite authority to make this representation and warranty.

I hereby represent and warrant to the City that the work performed and completed, as described in the above report(s) is in accordance with the level and skill exercised by a reasonable environmental professional and is consistent with the requirements under O. Reg. 153/04, as amended. I further represent that the City and its Peer Reviewers (where applicable) may rely on the reports listed herein as if the reports had been prepared for the use and benefit of the City.



RELIANCE LETTER



Signature of Qualified Person, as defined under  
O. Reg. 153/04



Print name / Professional Designation



Day

Month

Year



Print Position/Title