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June 5, 2019

Phase I Environmental Site Assessment 6620 Rothschild Trail, Mississauga

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

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Distribution: 2 copies and 1 pdf to Client, alvaro@diblasiocorp.com
1 copy to file

Project 19*4558

June 5, 2019

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
6620 Rothschild Trail, City of Mississauga, ON

1.0 Summary

Bruce A. Brown Associates Limited completed a Phase I Environmental Site Assessment for the property located at 6620 Rothschild Trail, City of Mississauga. The scope of work included review of historical land use, research from secondary sources and agencies, as well as physical inspections 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.

The subject site is located on a cul-de-sac at the west end of Rothschild Trail, and is south of Derry Road, as part of Lot 9, Concession II, West of Hurontario Street, in the former Township of Toronto North, now City of Mississauga and comprises approximately 0.9287 hectares (2.3 acres). It appears as Part 21 on a plan of subdivision number 43M-1710 which has been built out with large single-family residences between the subject property and McLaughlin Road.

The subject property is irregular in shape and consists of a single 2 ½ storey detached residence set back from a circular driveway. The balance of the property includes landscaped areas with grass to the front and rough-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 subject site extends to top of banks 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 ever since. The

land was designated for residential development in 1997 (Beacon, 2019) and the plan of subdivision was registered in 2006.

Proposed redevelopment would replace the existing building with a four-storey residence extending farther to the rear of Part 21. 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.

The Phase 1 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 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 of Plan 43M-1710. All of P.I.N. 13213-4150 (LT) and P.I.N 13213-3043 (LT). A 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, ON
L5W 0A6

2.1.3 Client Contact Information

Brown Associates was retained by Mr. Alvaro Di Blasio, alvaro@diblasiocorp.com on behalf of the number company to prepare a Phase 1 environmental report in support of the redevelopment of Part 21.

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. The purpose of this investigation was 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 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 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 a Cul-de-Sac at the end of Rothschild Trail, south of Derry Road and partway between Mavis Road and McLaughlin Road. The subject site is irregular in shape and has an area of approximately 9200 sq. m. and is developed with an estate home 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 the back, and roughly graded table lands west of the existing residence. The property is defined by the top of bank for the two watercourses. Fletcher's Creek meanders no more than 24 m south and west side of the subject property. A Site Location Plan and Property Based Map are found in **Appendix B**.

3.0 Scope of Investigation

This 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 to prepare this report:

- 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 Report
- Site visit 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
- Preparation and submission of report

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 19th 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, and was located within former land holdings owned by 2 different people. The majority of the subject site being part of the land holding owned by Alex Scott. This 140 acre farm holding was within lot 9, Concession II – W. 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 on 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

There are no previous Phase One or Phase Two Environmental reports known to exist 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*”.

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 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 regard to Butternut, Redside Dace and some species of bats.
- Results of a Flora and Fauna Inventory concluded that the subject site vegetation consists of introduced weeds and ornamental species on the table lands. A dry-fresh Oak-Hardwood Deciduous Forest occurs 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 and Climate Change (MOECC) Freedom of Information office because responses for Freedom of Information request often take many months. MOECC records were obtained online for water wells and other Ministry documents were referenced. This review relied on information obtained from the Ministry in the ERIS database.

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 that 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.

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 lotline 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 DiBlasio subdivision between the existing house on Part 21 of the plan is built out with large single family detached homes, except for undeveloped three lots surrounding the cul-de-sac and contiguous to the Phase One property frontage.

4.3.2 Topography, Hydrology, Geology

A review of Pleistocene mapping confirms the subject property is underlain with Halton Till to depths of 4 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 the 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.

Nearest wells shown on the well map were advanced for domestic use and 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. DiBlasio advised this well did not have sufficient 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 serviced.

Prior to redevelopment this well must be properly abandoned in accordance with well regulation 903/00.

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 watermain, No surrounding uses, or spills or other incidents were noted 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

The senior writer conducted a 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 DiBlasio onsite when confirming soil properties using a local backhoe.

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.

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 the 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 tank other than the holding tank for potable water.

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.

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.

6.7 Designated Substances

The existing residence on the Phase One property was not fully investigated for designated substances, since construction is too recent to have concerns for lead based paints or lead in solder, for asbestos containing materials 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.

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-19th century at latest and remained 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. The side and rear perimeters define the limits of sloping and forested valley lands.

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.

8.1 Is a Phase Two ESA Required?

Based on all the above, a Phase 2 investigation is not deemed necessary.

9.0 Reliance

This report may be relied on by a mortgage lender for purposes of consideration to provide mortgage financing, subject to the standard limitations statement contained herein, and by the City of Mississauga and its agents or consultants during the plans-approvals process. A reliance letter naming a third party for this purpose is available on request.

10.0 References

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

City of Mississauga, Online Interactive Mapping site, Air photography: 1954 to Spring 2017

City of Mississauga Natural Areas Survey (2015). Natural Areas Fact Sheet SV10.

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.

Google Earth "Brampton, ON." 43.685312° N and 79.861279° W streetscape images and 2004, 2005, 2006, 2009, 2013, 2014, 2015, 2016, 2017, and 2018 air photo imagery. .

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 ten 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

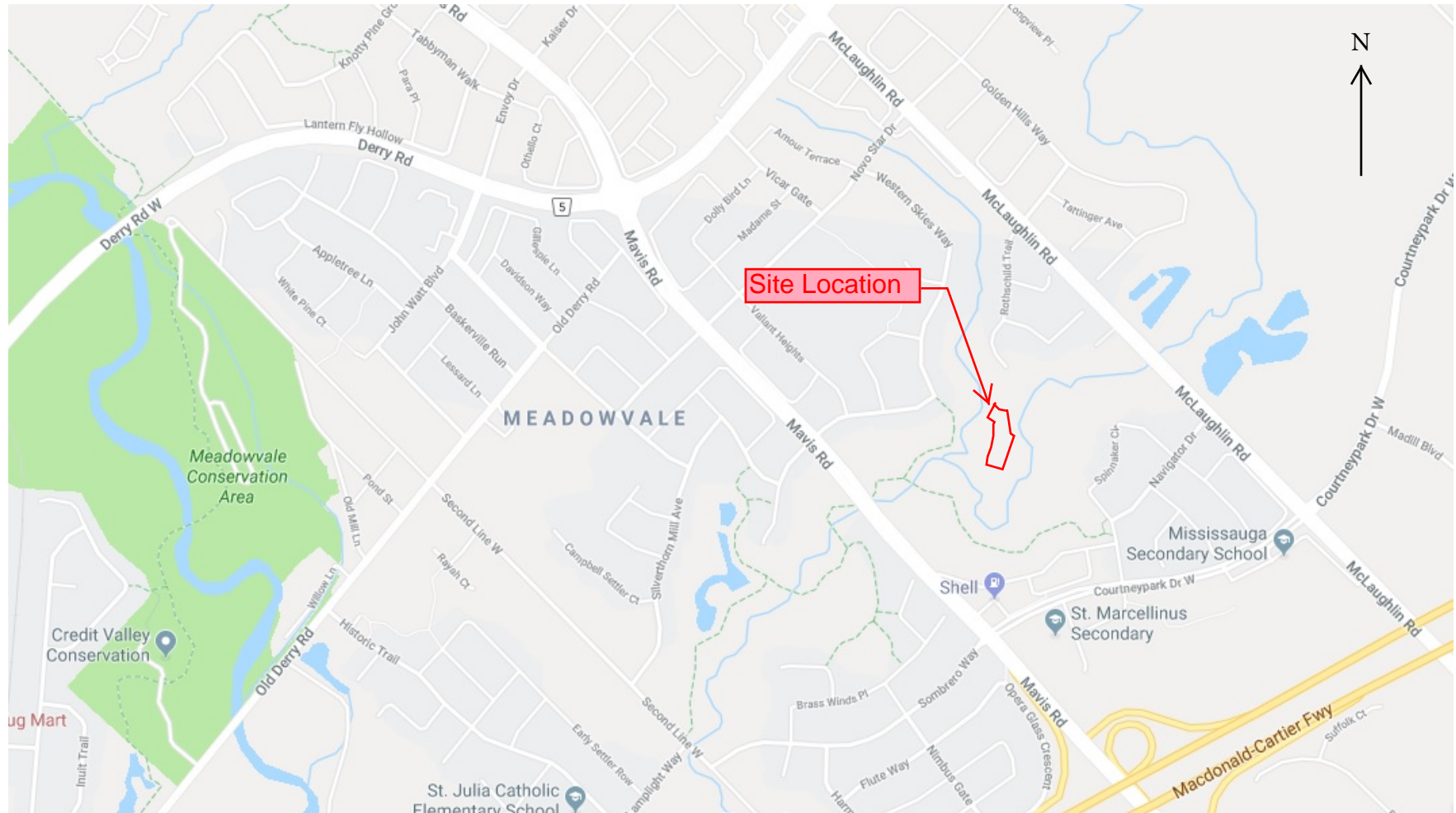
communicate, as required, to any contractor, owner, agency, or other consultant who may be affected by such recommendations, or shall require such data to carry out their duties in a safe and responsible manner as they relate to the subject property and ensure compliance with all regulatory requirements 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: May 24, 2019

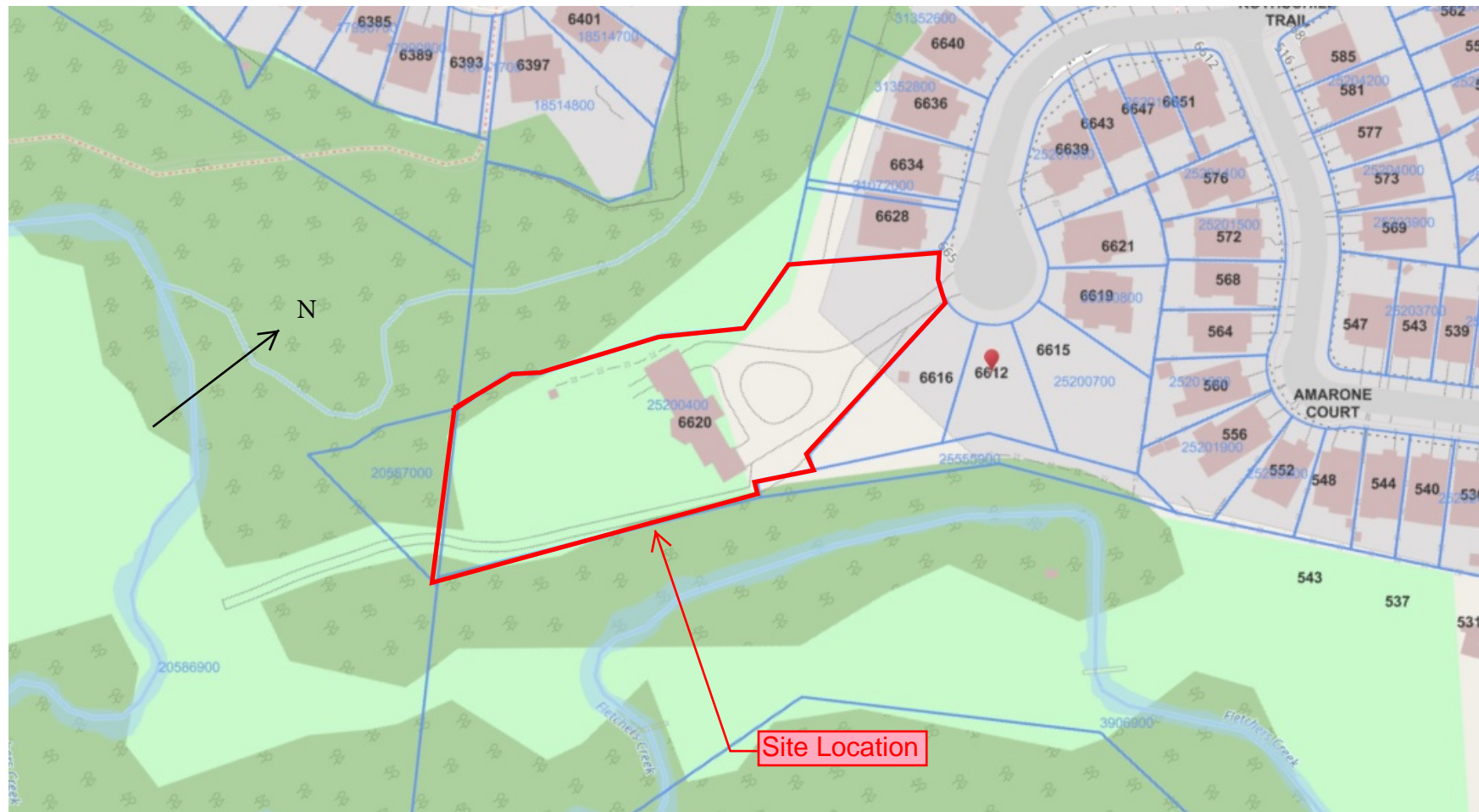


Site Location Plan

Project: 19*4558	6620 Rothschild Trail, Mississauga	Bruce A. Brown Associates Limited Date: May 24, 2019
------------------	------------------------------------	---

Project: 19*4558	6620 Rothschild Trail, Mississauga	Bruce A. Brown Associates Limited Date: May 24, 2019
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Project: 19*4558	6620 Rothschild Trail, Mississauga	Bruce A. Brown Associates Limited Date: May 24, 2019
------------------	------------------------------------	---

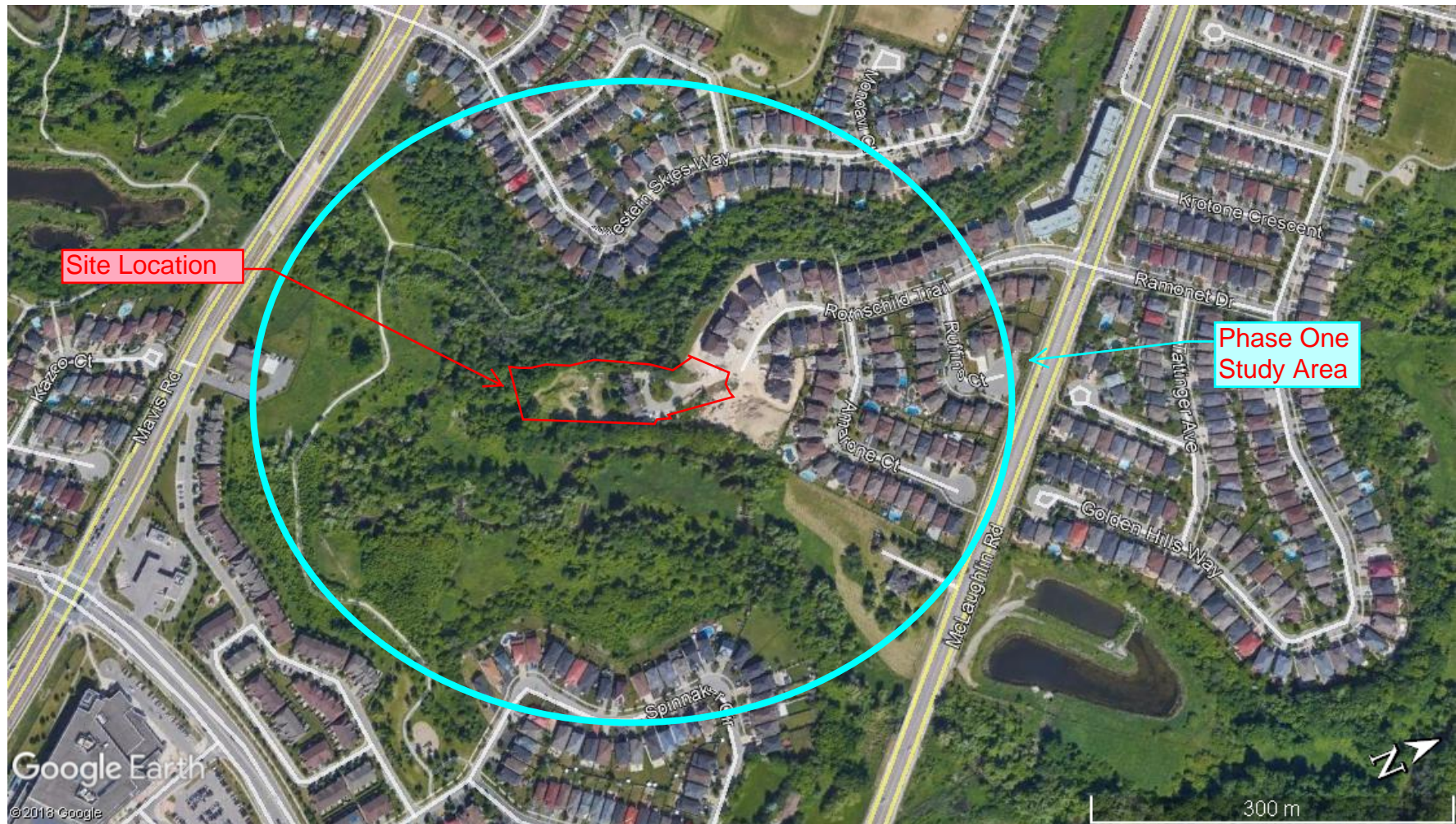


Property Based Map

Project: 19*4558

6620 Rothschild Trail, Mississauga

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

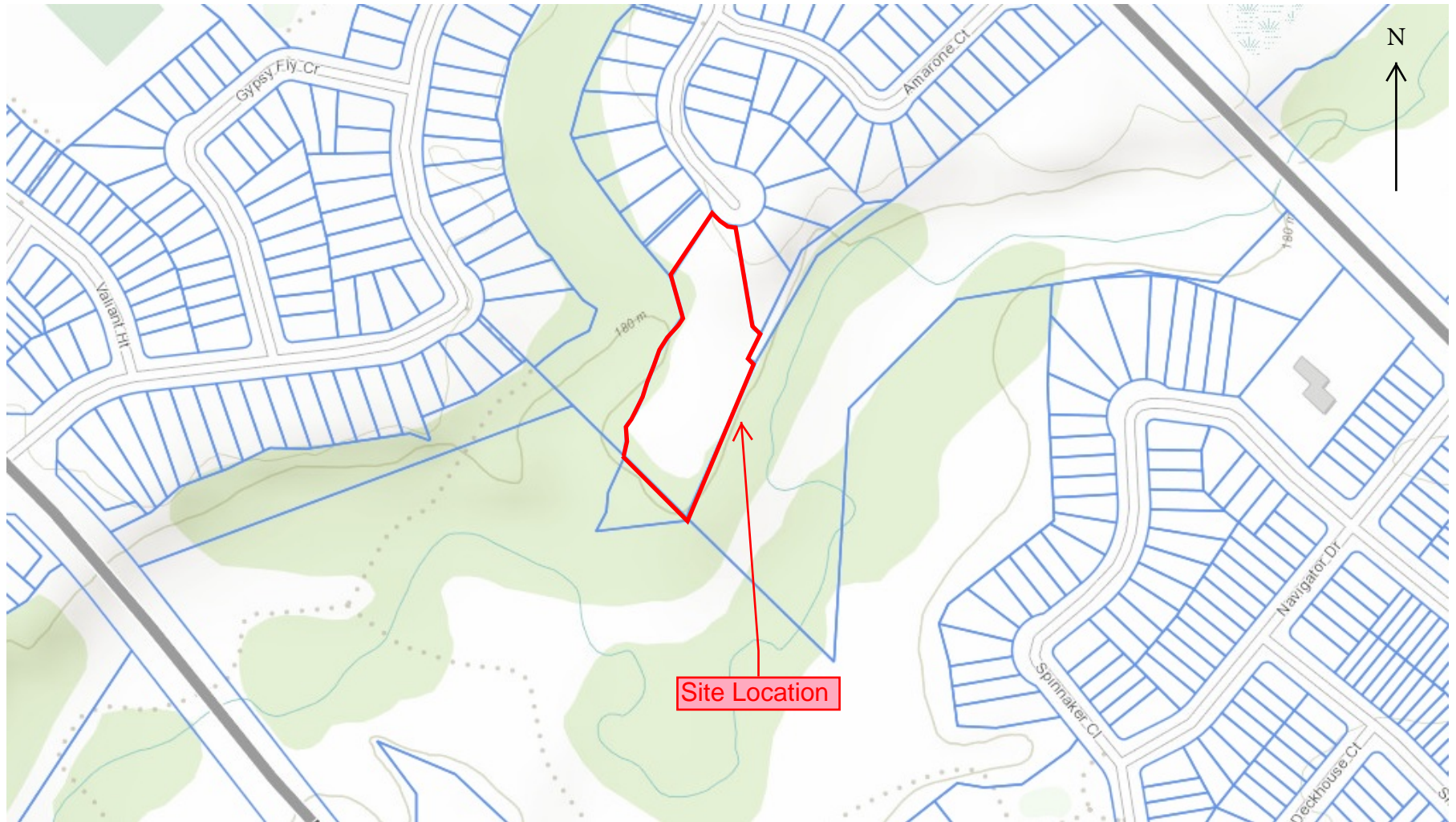


Phae One Study Area Map

Project: 19*4558

6620 Rothschild Trail, Mississauga

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



Topographic Map

Appendix C: Historic Air Photographs

Project: 19*4558

6620 Rothschild Trail, Mississauga

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

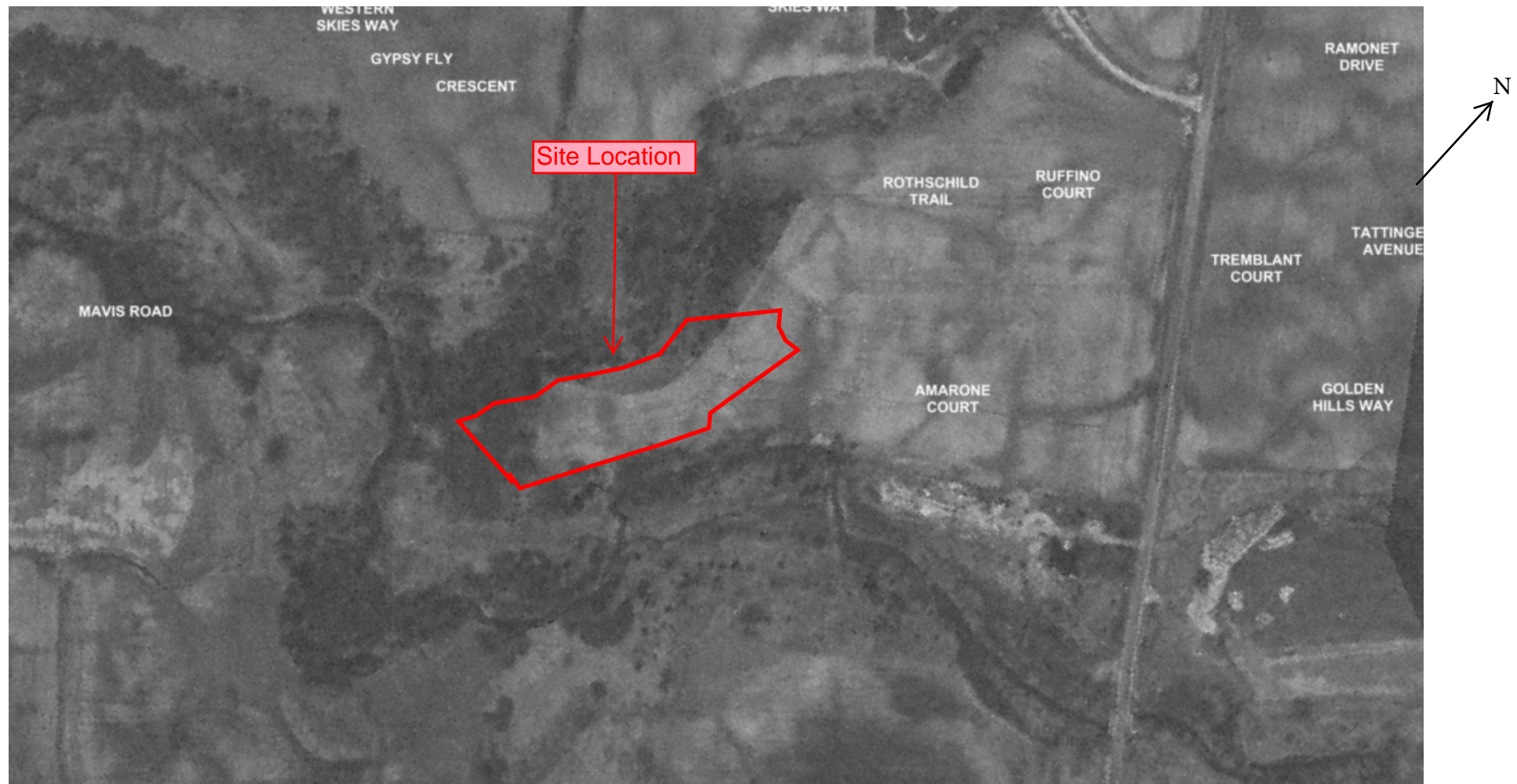


Historical Air Photos: 1954

Project: 19*4558

6620 Rothschild Trail, Mississauga

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

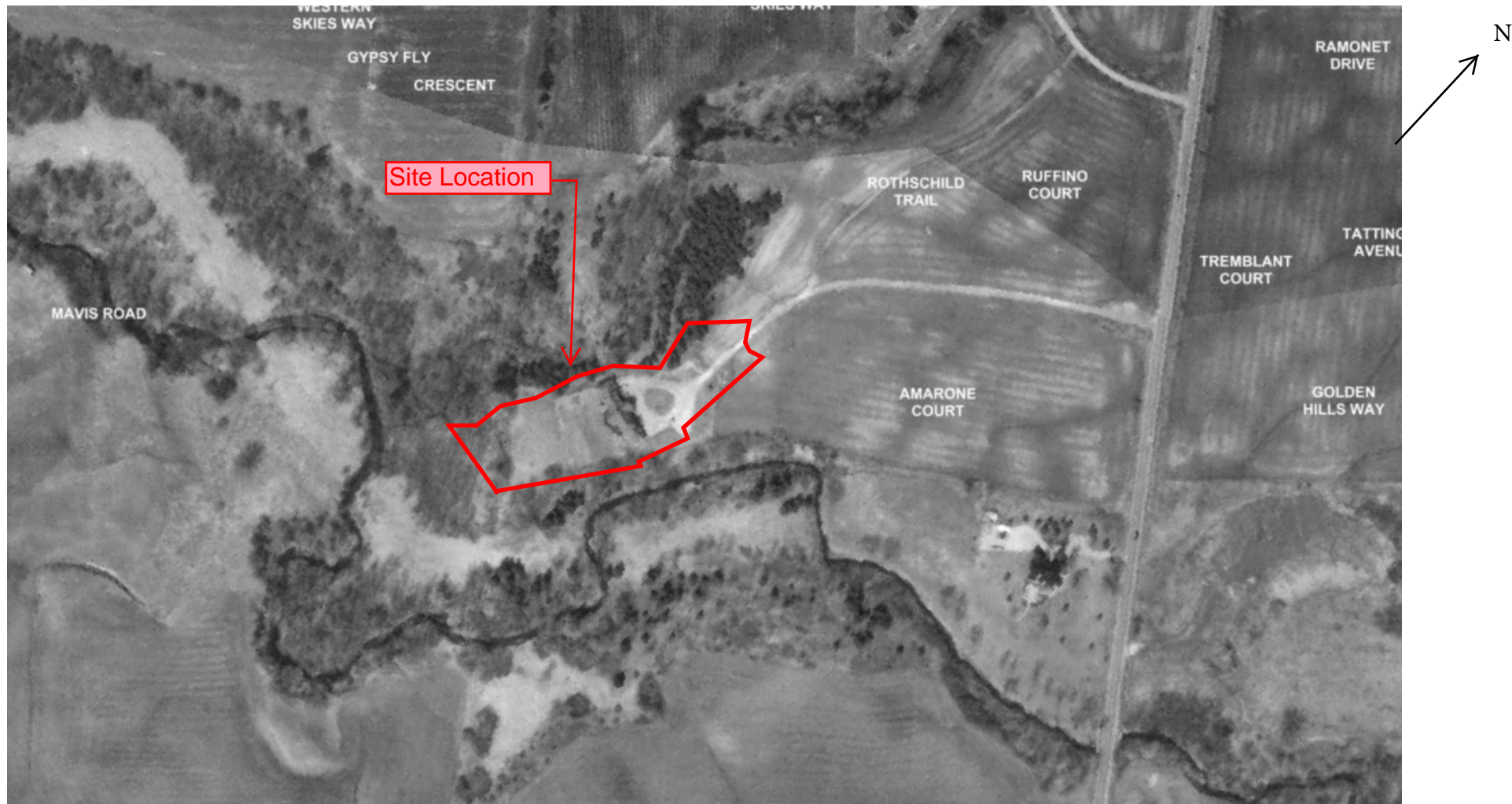


Historical Air Photos: 1985

Project: 19*4558

6620 Rothschild Trail, Mississauga

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



Historical Air Photos: 1989

Project: 19*4558

6620 Rothschild Trail, Mississauga

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



Historical Air Photos: 1992

Project: 19*4558

6620 Rothschild Trail, Mississauga

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



Historical Air Photos: 2000

Project: 19*4558

6620 Rothschild Trail, Mississauga

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

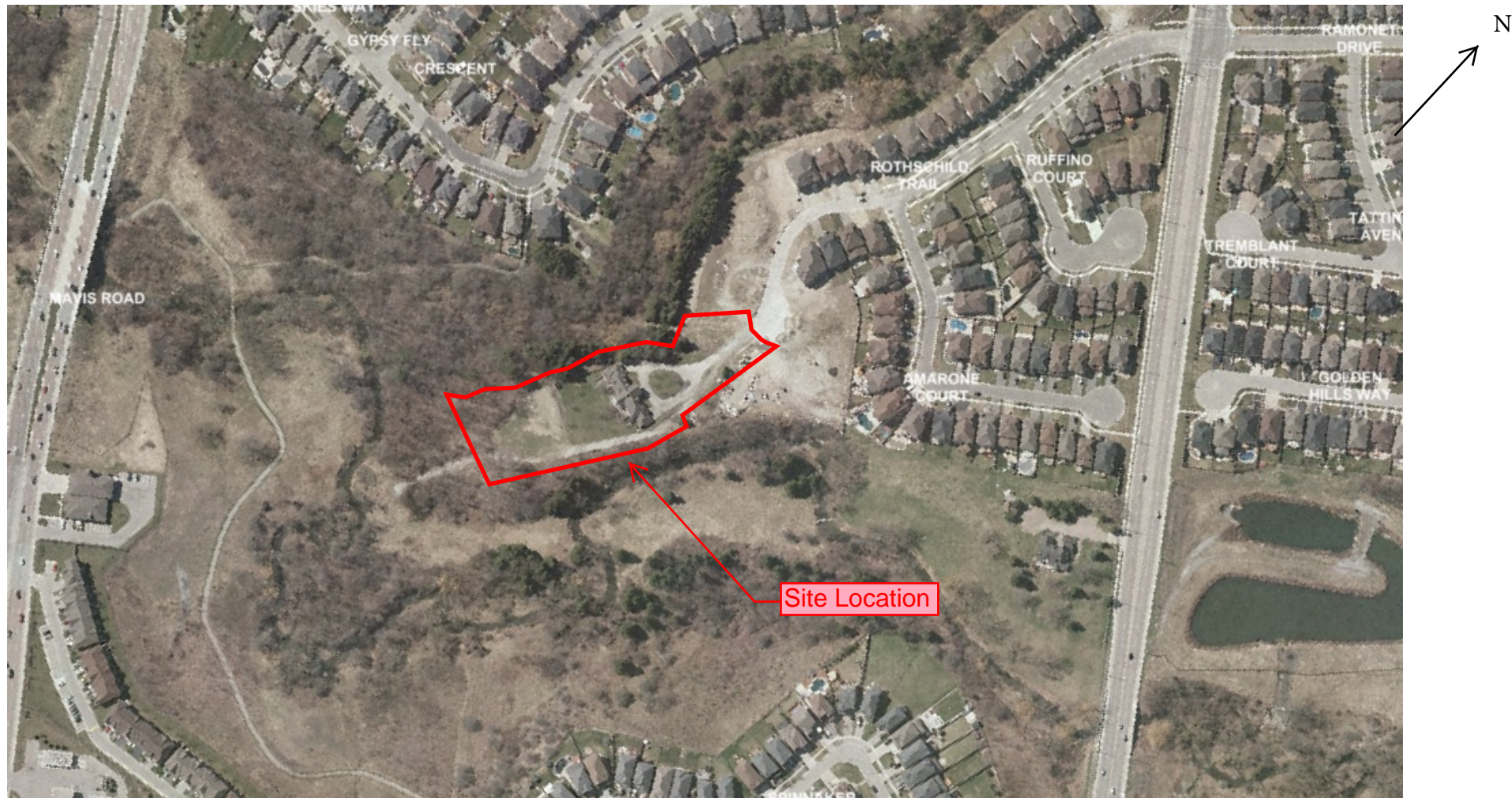


Historical Air Photos: 2004

Project: 19*4558

6620 Rothschild Trail, Mississauga

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



Historical Air Photos: 2013

Project: 19*4558

6620 Rothschild Trail, Mississauga

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



Historical Air Photos: 2018

Appendix D: Site Surveys

PLAN 43 M-1710

I CERTIFY THAT THIS PLAN IS REGISTERED IN THE LAND REGISTRY OFFICE FOR THE LAND TITLES DIVISION OF PEEL COUNTY, No. 43, June 9, 2006, and ENTERED IN THE PARCEL REGISTER FOR PROPERTY IDENTIFICATION No. 13213-2592(LT), 13213-2590(LT) AND THE REQUIRED CONSENTS ARE REGISTERED AS PLAN DOCUMENT No. PR10416-7

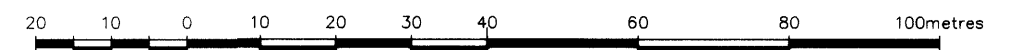
D. Parker

Assistant Deputy Land Registrar

THIS PLAN COMPRISES ALL OF PIN 13213-2592(LT) AND PIN 13213-2590(LT)

PLAN OF SUBDIVISION OF PART OF LOTS 9 AND 10, CONCESSION 2 WEST OF HURONTARIO STREET FORMERLY IN THE GEOGRAPHIC TOWNSHIP OF TORONTO, COUNTY OF PEEL NOW IN THE CITY OF MISSISSAUGA REGIONAL MUNICIPALITY OF PEEL

SCALE 1: 1000



David B.Searles Surveying Ltd.
ONTARIO LAND SURVEYORS

METRIC

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

MUNICIPAL APPROVAL 21T-95019(M)

APPROVED UNDER SECTION 51 OF THE PLANNING ACT R.S.O. 1990, c.P. 13, AS AMENDED, THIS 23 DAY OF MAY, 2006

E. R. Sajocki
EDWARD R. SAJOCKI, COMMISSIONER
PLANNING AND BUILDING DEPARTMENT
CITY OF MISSISSAUGA

NOTE

BEARINGS ARE ASTRONOMIC AND ARE REFERRED TO THE WIDENED NORTHWESTERLY LIMIT OF McLAUGHLIN ROAD, ACCORDING TO PLAN 43R-24084, HAVING A BEARING OF N44°30'00"W.

NO FENCES ALONG LIMIT OF SUBDIVISION UNLESS NOTED OTHERWISE INDICATED.

LEGEND

- DENOTES MONUMENT FOUND
- DENOTES IRON BAR SET
- SB DENOTES STANDARD IRON BAR SET
- SB DENOTES STANDARD IRON BAR
- SSB DENOTES SHORT STANDARD IRON BAR SET DUE TO PROXIMITY OF UNDERGROUND SERVICES OR GROUND CONDITIONS
- IB DENOTES IRON BAR
- WT DENOTES WITNESS
- CP DENOTES CONCRETE PIN
- W.H.S. DENOTES WEST OF HURONTARIO STREET
- 680 DENOTES C. PEAT, O.L.S.
- 997 DENOTES J.J. KONING, O.L.S.
- 1225 DENOTES DAVID B. SEARLES, O.L.S.
- 1493 DENOTES J.F.G. YOUNG, O.L.S.
- L&S DENOTES LLOYD & PURCELL LTD.
- M DENOTES MEASURED
- P DENOTES PLAN 43R-24084
- P1 DENOTES REGISTERED PLAN 43M-1368
- P2 DENOTES REGISTERED PLAN 43M-1344
- P3 DENOTES PLAN 43R-18015

OWNER'S CERTIFICATE

THIS I TO CERTIFY THAT:

- LOTS 1 TO 81, BOTH INCLUSIVE, BLOCKS 82 TO 91, BOTH INCLUSIVE, STREETS NAMED AMARONE COURT, RUFFINO COURT AND ROTHSCHILD TRAIL AND 0.30 RESERVES NAMED BLOCKS 92 AND 93 HAVE BEEN LAID OUT IN ACCORDANCE WITH OUR INSTRUCTION.

- THE STREETS ARE HEREBY DEDICATED TO THE CORPORATION OF THE CITY OF MISSISSAUGA AS PUBLIC HIGHWAYS.

DATE: THE 9th DAY OF FEBRUARY, 2006.

OWNER: DI BLASIO CORPORATION

Di Blasio
I HAVE AUTHORITY TO BIND THE CORPORATION

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

- 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.
- THE SURVEY WAS COMPLETED ON THE 9th DAY OF FEBRUARY, 2006.

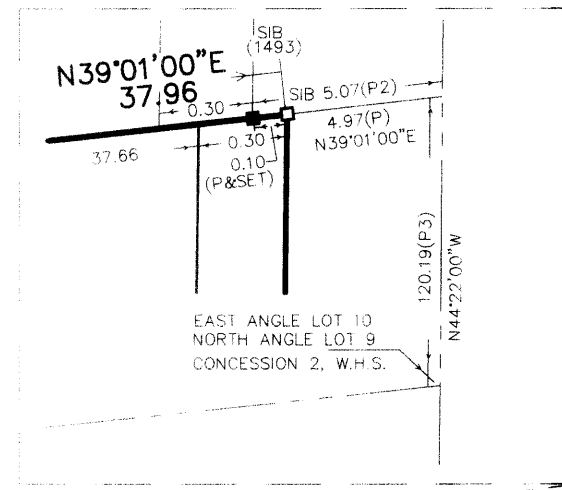
MARCH 9, 2006

DATE

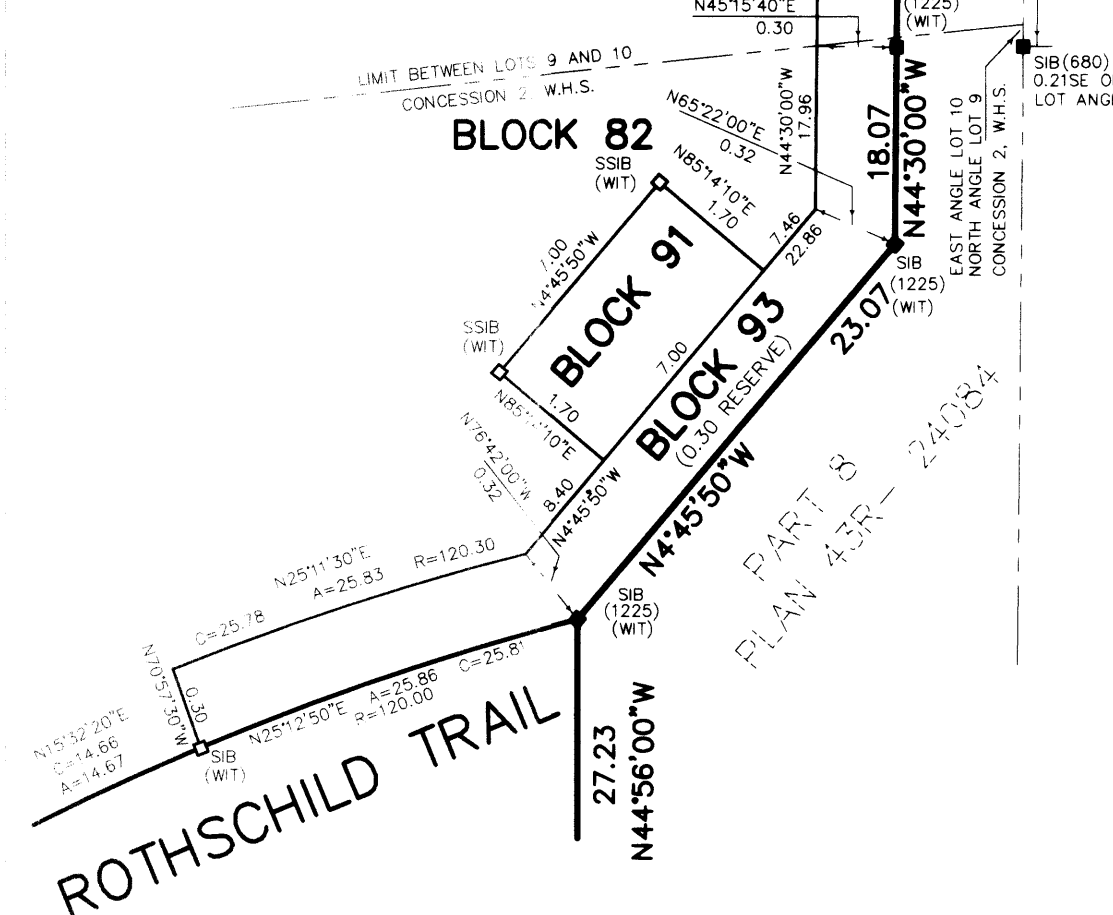
David B. Searles
DAVID B. SEARLES - ONTARIO LAND SURVEYOR

David B.Searles Surveying Ltd.		Drawn	Checked
ONTARIO LAND SURVEYORS			RSW
4284 VILLAGE CENTRE COURT, MISSISSAUGA, ONTARIO		File No.	60-8-02
442-152 (905) 273-8840 FAX: (905) 896-4410		Computer Storage File No.	60-8-02.FLX
Operator		Desk File Storage No.	60-8-02.DWG
		Pin Index No.	A 10

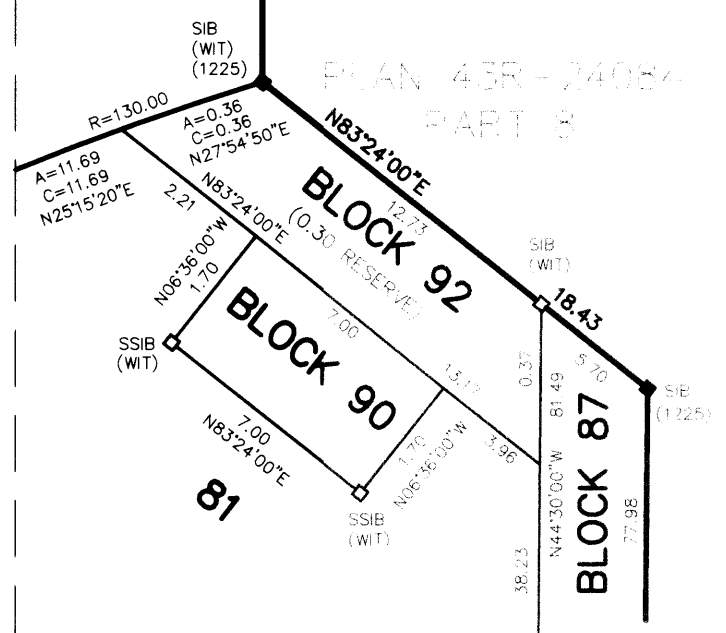
DETAIL 'A' (NOT TO SCALE)



DETAIL 'C' (NOT TO SCALE)



DETAIL 'B' (NOT TO SCALE)



PHASE ONE PROPERTY

NUM	ARC	RADIUS	BEARING	CHORD
LOT 1	11.51	120.00	N91°17'20"E	11.51
LOT 2	12.08	120.00	N3°39'50"E	12.08
LOT 3	11.57	120.00	N1°59'30"W	11.57
LOT 20	6.01	17.25	N22°40'20"W	5.98
LOT 26	6.39	17.25	N6°35'30"W	6.36
LOT 29	6.36	33.00	N28°43'50"E	6.35
LOT 33	4.50	62.00	N46°35'50"W	4.50
LOT 34	1.97	5.00	N33°23'10"W	1.96
LOT 34	7.25	20.00	N32°28'00"W	7.21
LOT 38	6.69	20.00	N32°39'50"E	6.66
LOT 44	4.59	5.00	N71°49'20"E	4.43
LOT 44	0.43	17.25	N82°33'40"W	0.43
LOT 45	14.17	17.25	N7°31'40"E	13.78
LOT 46	1.25	17.25	N4°54'40"E	1.25
LOT 47	1.25	17.25	N43°25'20"E	1.25
LOT 48	14.17	17.25	N17°48'20"E	13.78
LOT 49	0.43	17.25	N8°26'20"W	0.43
LOT 55	9.67	79.00	N48°00'30"W	9.67
LOT 56	11.96	79.00	N55°51'10"W	11.95
LOT 57	12.89	79.00	N64°51'50"W	12.88
LOT 58	6.95	79.00	N72°01'30"W	6.94
LOT 64	2.24	22.00	N27°41'50"W	2.24
LOT 65	14.36	22.00	N49°18'30"W	14.11
LOT 66	10.75	22.00	N81°59'50"W	10.64
LOT 67	9.16	22.00	N72°04'30"E	9.10
LOT 68	10.79	22.00	N48°05'10"E	10.69
LOT 69	13.95	22.00	N13°52'10"E	13.71
LOT 72	0.05	17.25	N45°25'00"E	0.05
LOT 73	11.58	17.25	N26°05'40"E	11.37
LOT 74	13.69	17.25	N15°25'50"W	13.34
LOT 76	0.88	130.00	N4°33'40"W	0.88
LOT 77	12.76	130.00	N1°33'20"W	12.76
LOT 78	12.45	130.00	N4°00'00"E	12.45
LOT 79	18.16	130.00	N10°44'50"E	18.14
BLOCK 83	3.05	65.00	N25°40'40"E	3.05
BLOCK 92	0.36	130.00	N27°54'50"E	0.36

PART 1
PLAN 43R-30279

PART 1
PLAN 43R-20380
PIN 13213-3519(LT)

PART 1
PLAN 43R-24385
PIN 13213-3516(LT)
McLAUGHLIN ROAD
BY BY-LAW 0104-2002
AS IN PR220436

PART 7
PLAN 43R-24084
PIN 13213-2590(LT)
McLAUGHLIN ROAD
BY BY-LAW 0104-2002
AS IN PR220436

SCALE 1: 500

10 5 0 5 10 15 20 30 40 50 metres

METRIC

43M-1475

-REGISTERED PLAN 43M-1368

PIN 13213-4149(LT)

ROTHSCHILD
TRAIL

LOT FRONTAGE AT
7.5 m SETBACK
A=17.60 m (57.7 ft)

LOT FRONTAGE AT
7.5 m SETBACK
A=21.43 m (70.3 ft)

STABLE SLOPE LINE
INCORPORATING 4.0 m
STABILITY SETBACK AND
5.0 m ACTIVE EROSION
COMPONENT

JWS	DENOTES	WOOD STAKE
WD	DENOTES	WOOD DECK
CRTW	DENOTES	CONCRETE RETAINING WALL
WRTW	DENOTES	WOOD RETAINING WALL
CPAD	DENOTES	CONCRETE PAD
CLF	DENOTES	CHAIN LINK FENCE
---	DENOTES	DRIP LINE AS FLAGGED MAY 26, 2015
---	DENOTES	TOP OF BANK AS STAKED MAY 26, 2015
---	DENOTES	STABLE SLOPE LINE BY SOIL ENGINEERS LTD. DATED APRIL, 2008

- BOUNDARY LINE WORK COMPILED FROM REGISTERED PLANS 43M-1476 AND 43M-1710
- STABLE SLOPE INFORMATION BASED ON BOREHOLE LOCATION PLAN AND SUBSURFACE PROFILE BY SOIL ENGINEERS LTD. DATED APRIL, 2008.
PLAN No. 0709-S028

THIS IS NOT A PLAN OF SURVEY AND SHALL NOT BE USED EXCEPT FOR THE PURPOSE INDICATED IN THE TITLE BLOCK.

David B. Searles Surveying Ltd.
ONTARIO LAND SURVEYORS
4255 Sherwoodtowne Blvd., Suite 206, Mississauga, Ontario L4Z 1Y5
Tel: (905) 273-6840 Fax: (905) 896-4410
Email: info@dbsearles.ca

Calculator	Draftsperson P.G
Editor	Plan Index No. I 16

6	Calculation File	Drawing File 105-46-06.dwg	File No. 75-0-15
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PLOTTED JUNE 2, 2016

Drawing File
105-46-06.dwg

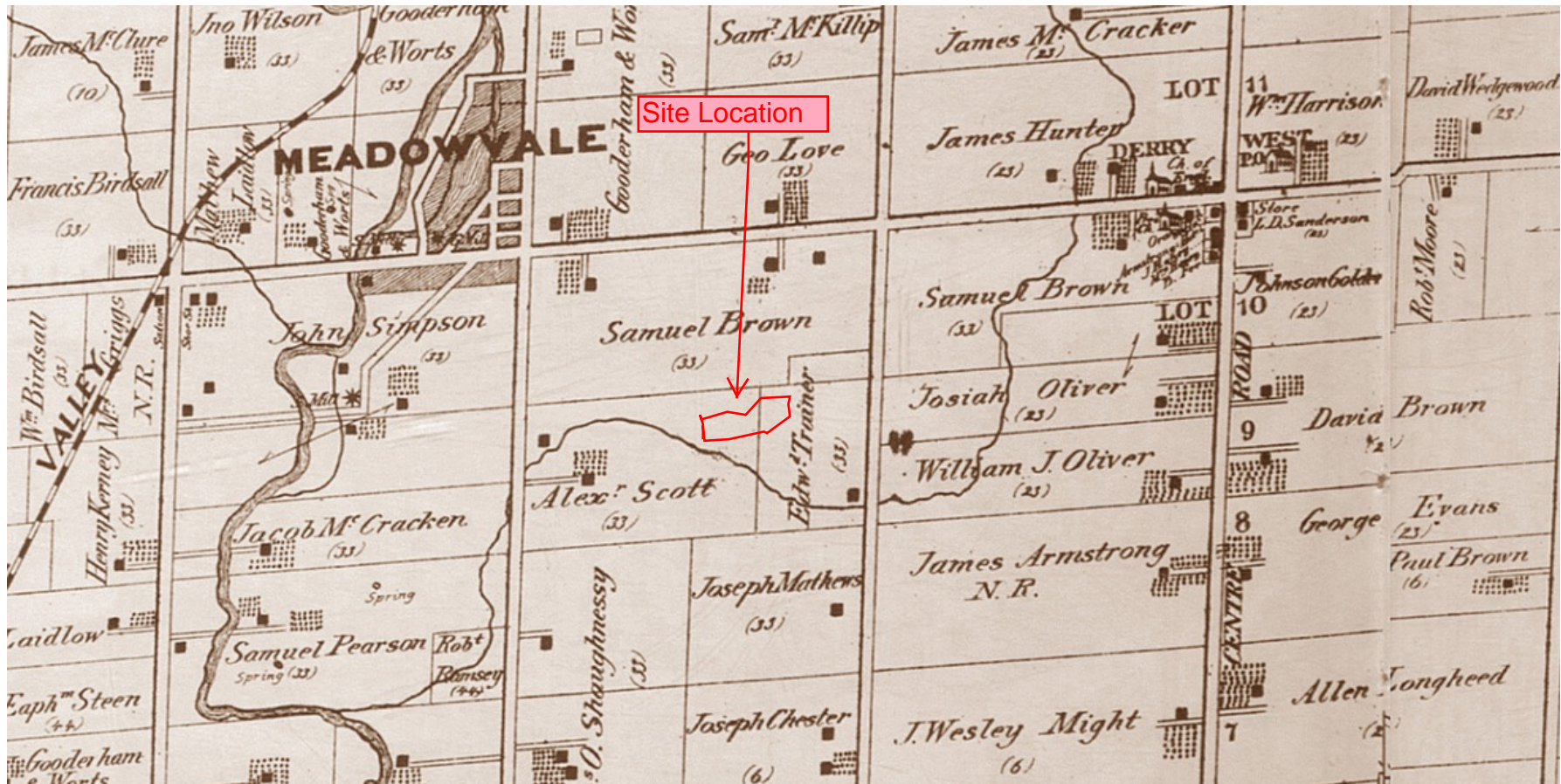
Appendix E: Peel County Atlas Mapping 1877,
Natural Area Survey Map

Project: 19*4558

6620 Rothschild Trail, Mississauga

Bruce A. Brown Associates Limited

Date: May 24, 2019



Peel County - Township of Toronto North: 1877

Project: 19*4558

6620 Rothschild Trail, Mississauga

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



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

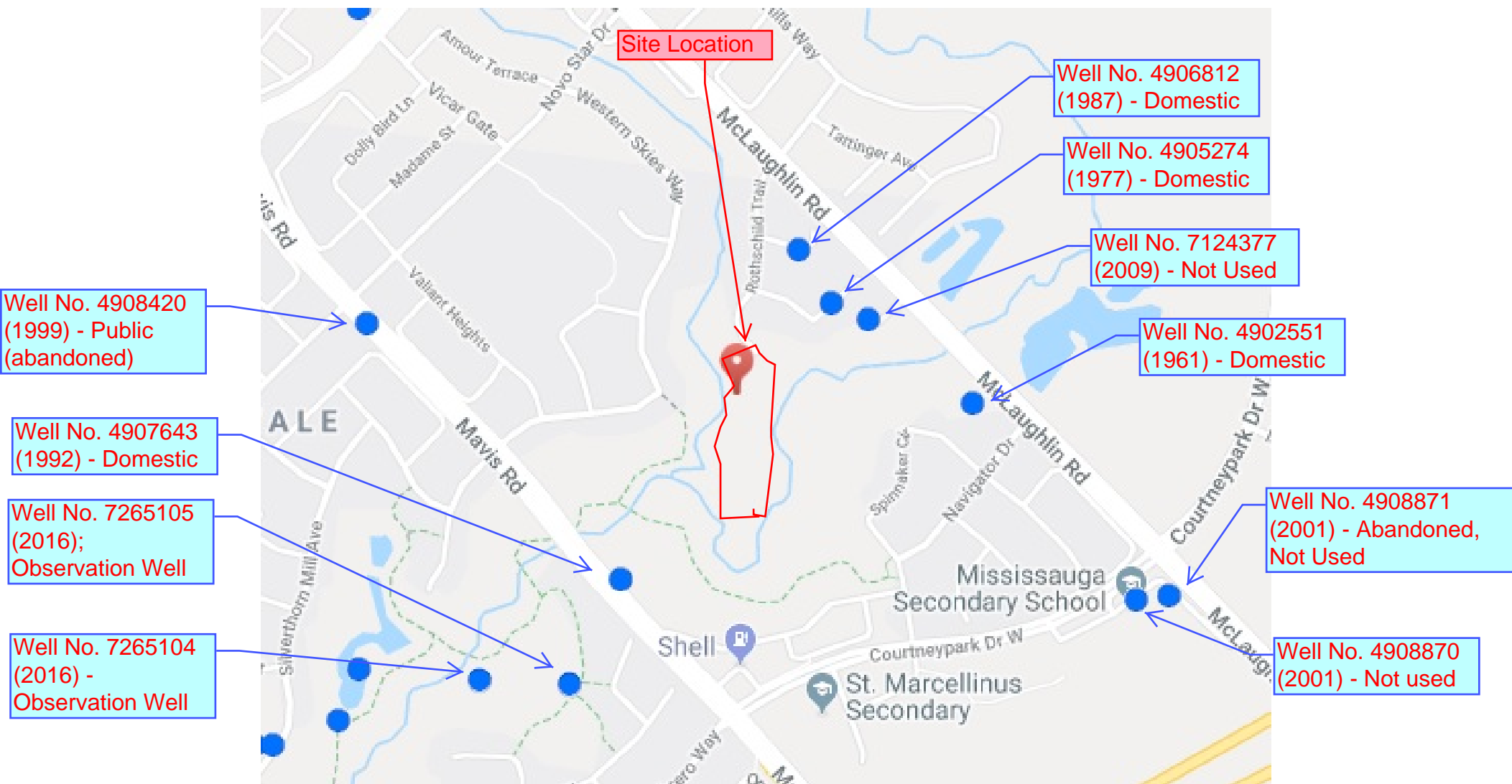
Appendix G: Map of Well Records; Table of Water Well Data

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

WELL NUMBER	DISTANCE AND DIRECTION FROM PHASE ONE PROPERTY	LOT AND CONCESSION	DEPTH TO BEDROCK	DEPTH TO WATER TABLE
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 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

www.tssa.org

From: Eva Mitsche <eva@brownassociates.ca>

Sent: May 10, 2019 1:13 PM

To: Public Information Services <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

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

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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

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

Database	Name	Searched	Project Property	Within 0.25 km	Total
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
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
Total:			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>
<u>1</u>	EHS		6680 McLaughlin Road Mississauga ON L5W 0A7	ENE/163.7	-2.72	<u>13</u>
<u>2</u>	CA	GASMUZ CONSTRUCTION INC./968908 ONTARIO	WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA ON	WNW/187.1	3.12	<u>13</u>
<u>2</u>	CA	GASMUZ CONSTRUCTION INC./968908 ONTARIO	WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA ON	WNW/187.1	3.12	<u>13</u>
<u>2</u>	CA	DI BLASIO CORPORATION	WESTERN SKIES WAY/GYPSY FLY CR MISSISSAUGA CITY ON	WNW/187.1	3.12	<u>14</u>
<u>2</u>	CA	DI BLASIO CORPORATION	GYPSY FLY CRES./WESTERN SKIES MISSISSAUGA CITY ON	WNW/187.1	3.12	<u>14</u>
<u>3</u>	PINC		6660 ROTHSCHILD TR, MISSISSAUGA ON	N/221.1	4.36	<u>14</u>
<u>4</u>	WWIS		lot 9 con 2 ON Well ID: 4905274	NE/239.3	10.02	<u>15</u>

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.

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

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.

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

PINC - TSSA Pipeline Incidents

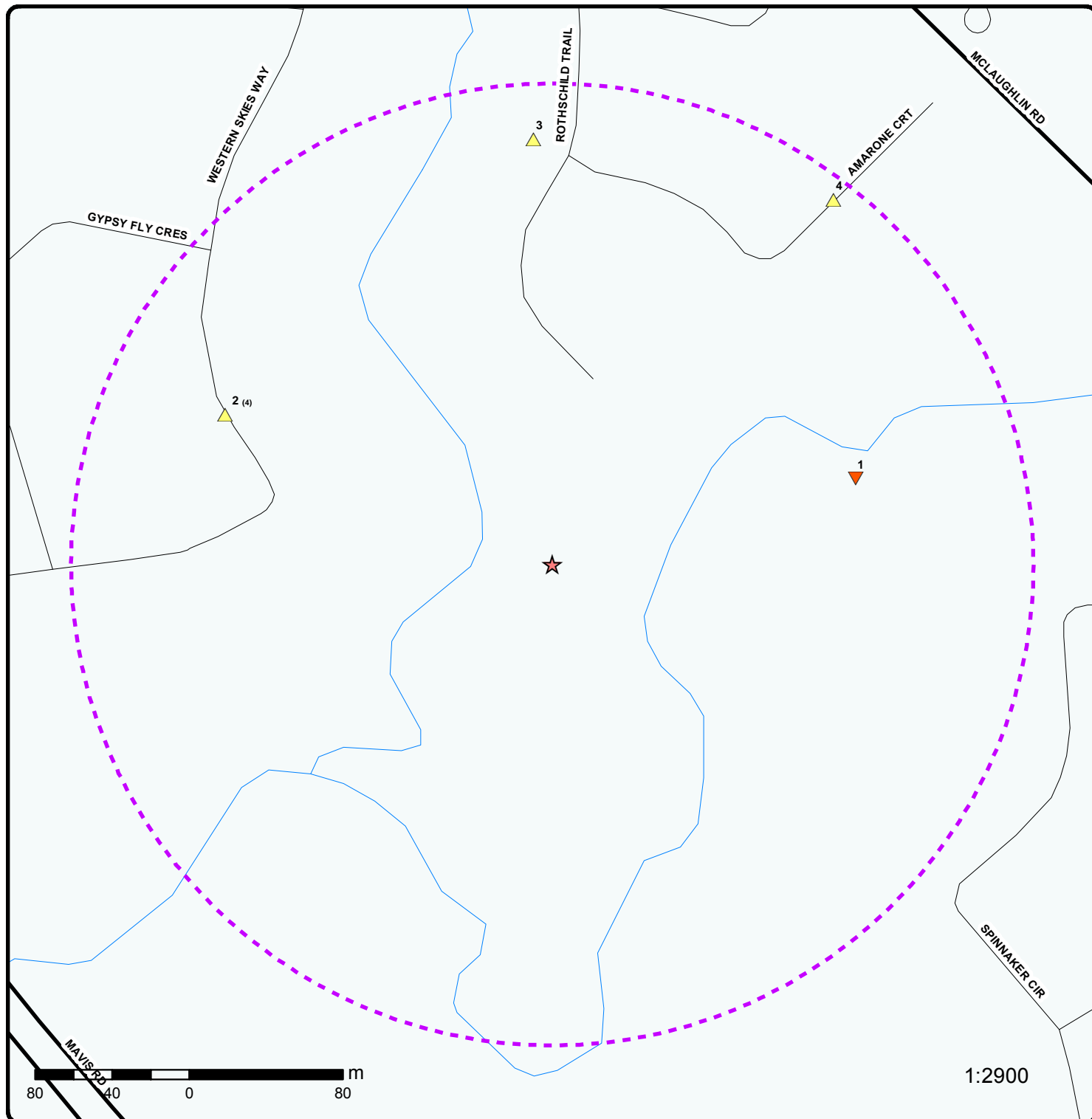
A search of the PINC database, dated Feb 28, 2017 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

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

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.

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



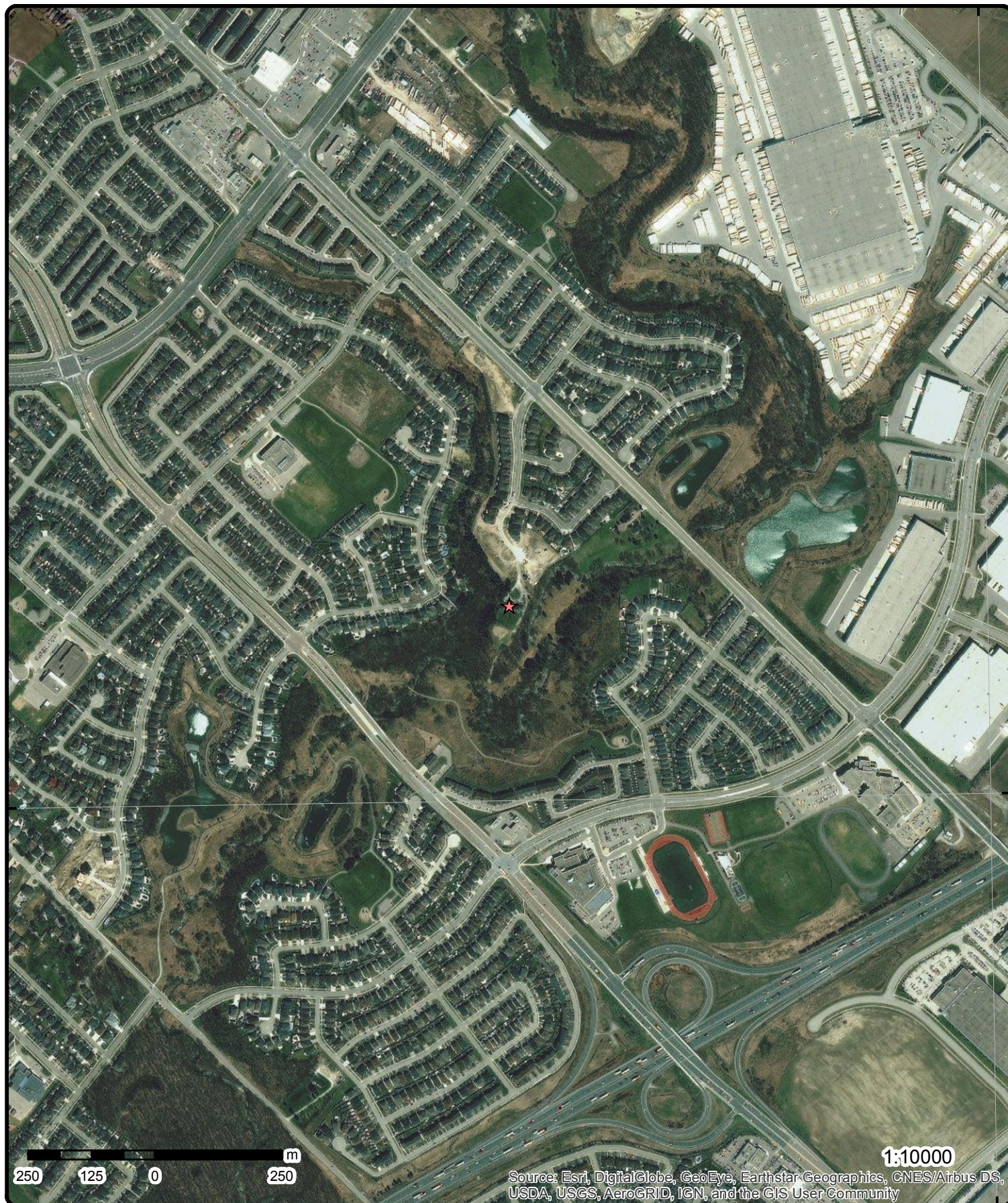
Map : 0.25 Kilometer Radius

Order No: 20190513078

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



★ 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

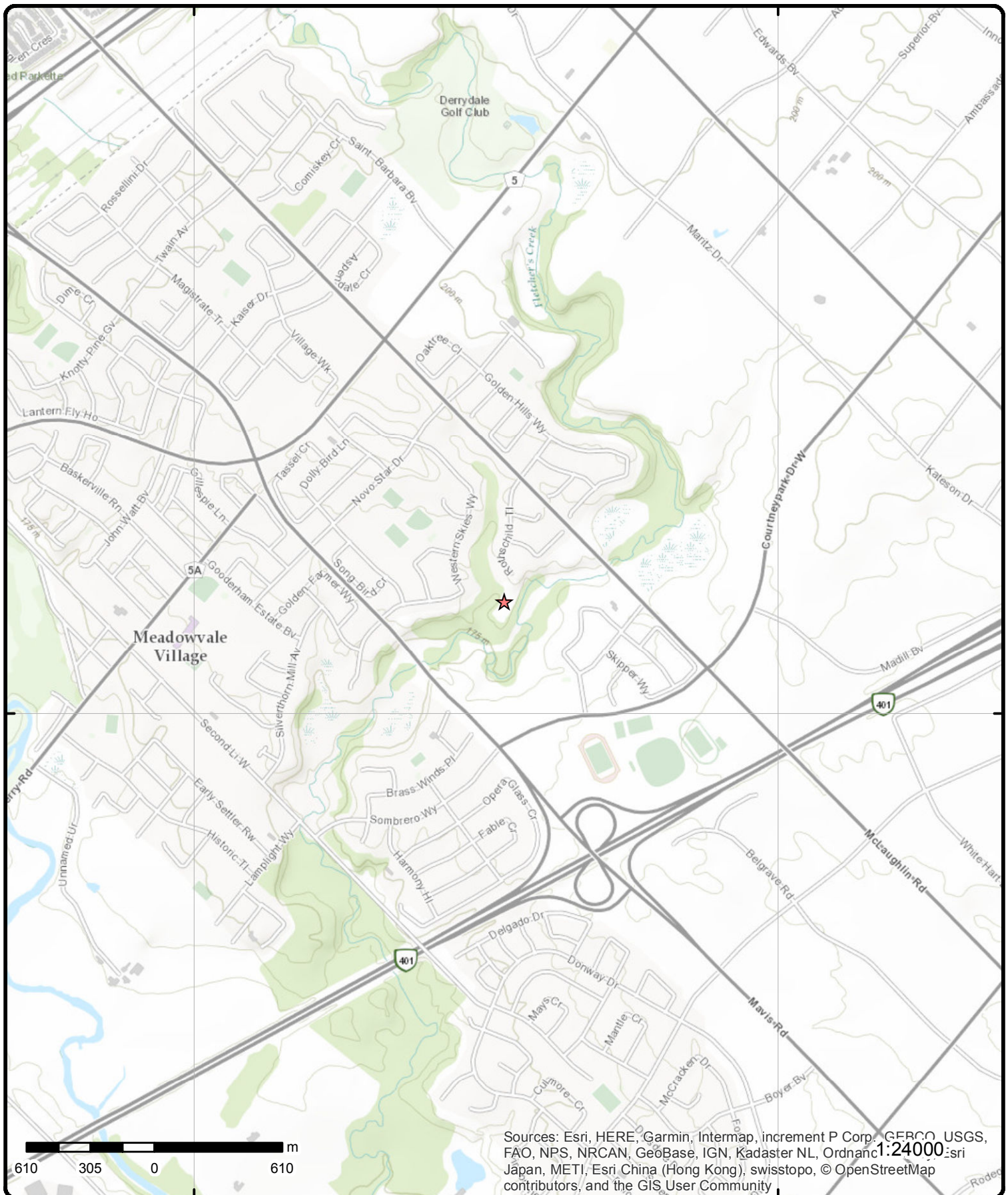
Source: ESRI World Imagery

Order No: 20190513078

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



© ERIS Information Limited Partnership



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

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932049382			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					

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

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:

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:

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:

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

Certificate #: 8100-7BEKYU
Application Year: 2008

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:

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:

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:

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:

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:

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:

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:

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:

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:

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:

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:

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:

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:

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:

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:

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:

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:

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:

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

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:

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

Database:
GEN

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

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

Database:
GEN

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

Waste Code:	145
Waste Description:	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 CO₂ eq).

Government Publication Date: 2013-Dec 2016

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial

INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: 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.

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.