ARCADIS Design & Consultancy for natural and built assets

Edenshaw Management Limited

Phase I Environmental Site Assessment

78 Park Street East,
22, 24, 26 and 28 Ann Street
Mississauga, Ontario

18 September 2018

702865-000-1

PHASE I ENVIRONMENTAL SITE ASSESSMENT

78 Park Street East, 22, 24, 26 and 28 Ann Street, Mississauga ON

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ACRONYMS

amsl	above mean sea level
ANSI	Area of Natural and Scientific Interest
APEC	Area of Potential Environmental Concern
AST	aboveground storage tank
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, xylenes
CSA	Canadian Standards Association
ERIS	Environmental Risk Information Services
ESA	Environmental Site Assessment
FIP	Fire Insurance Plan
FOI	Freedom of Information
HWIN	Hazardous Waste Information Network
MNR	Ministry of Natural Resources
MOECP	Ministry of the Environment Conservation and Parks
O.Reg.	Ontario Regulation
PAH	polyaromatic hydrocarbons
PCB	polychlorinated biphenyl
PHC	petroleum hydrocarbons
RSC	Record of Site Condition
SAR	Species at Risk
TSSA	Technical Standards and Safety Authority
UST	underground storage tank

EXECUTIVE SUMMARY

The services of Arcadis Canada Inc. (Arcadis) have been retained by Edenshaw Management Limited (Edenshaw) to complete a factual Phase I Environmental Site Assessment (ESA) of the Site that comprises contiguous properties located at 78 Park Street East, and 22, 24, 26 and 28 Ann Street in Mississauga, Ontario (Phase I Property). The purpose of the investigation was to assess existing site conditions from an environmental perspective and to identify any potential environmental concerns, on - or off-site, that might affect the development of a proposed condominium building on the Phase I Property.

The site is situated on the southwest (site south) side of Ann Street with frontages on Park Street East and Queen Street East of approximately 25 m and on Ann Street of approximately 75 m. It is rectangular in shape, covers an approximate area of 2,825 m^2 and is occupied by five structures, one on each municipal address. The location of the Site is shown on the Key Plan in Figure 1, and on Drawing No. 702865 - 1 in Appendix A. Properties within a 250 m radius of the Site comprise the Phase I Study Area for purposes of this assessment. Present and historical uses of these properties have been investigated to assess the potential effects to the Phase I Property from off-site sources. The boundaries of the Phase I Study Area are shown on figure 1 in Appendix A.

A Phase I ESA involves: a review of previous environmental reports concerning the site, a review of historical information including aerial photographs, Ministry of the Environment and Climate Change (MOECC) documents, city directories, fire insurance plans, chain of title information, and numerous historical databases; a site reconnaissance; an interview with current owners and tenants; and preparation of a report summarizing the results of the investigation and drawing appropriate conclusions of an environmental nature and making recommendations for further investigations at the site.

Information regarding the first developed use of the Phase I Property was obtained from a review of a Heritage Assessment Report, fire insurance plans, a search of City Directories, and a review of aerial photographs. The search determined that some development of the Site occurred sometime in the 1850's at 78 Park Street East. Historical records also show that except for 78 Park Street East, very few structures were present on Ann Street, which extended from Queen Street East to Park Street East, prior to 1928. It was then further developed for residential purposes. This landuse has continued until the present day and properties that make up the Phase I property continue to be zoned as residential. No evidence of industrial property use or of land-uses such as a service stations or dry-cleaning establishments that would automatically result in the regulatory requirement to classify a site as an enhanced investigation property that should be subject to a Phase II ESA were observed.

Potentially Contaminating Activities (PCAs) identified on the Site during the course of this Phase I ESA have been designated as:

PCA 1: the historical presence of heating oil ASTs at 78 Park Street East, 24, 26 and 28 Park Street East (MOECC PCA #28), all inferred to be located in the basements on the buildings.

PCA 2: the importation of fill material of unknown quantity and quality (MOECC PCA #30)

PCAs identified in the Phase I Study Area have been designated as:

PCA 3: petroleum and coal fuel storage and use for possible steam and power production and/or vehicular refuelling at the former lumber mill that was situated on the GO Station surface parking lot on the north side of Ann Street (MOECP PCA #28);

PCA 4: coal storage and rail activities at the former CN yard at the Port Credit railway station on the west side of Queen Street East (MOECP PCA #46) and

PCA 5: possible dry-cleaning plant operations at ground level in the GO Parking structure to the south (27 Helene Street North) which likely comprised a laundry pick-up and drop-off depot for commuters and local customers and thus would not have been a source of contamination (MOECP PCA #37).

Based on the information provided from interviews with building owner/residents and observations on site, no evidence of any spill residues or of distressed floor slabs or basement walls that could provide ready pathways for the migration of spilled tank contents leakage to surrounding or underlying soil and groundwater was observed in any of the residences. Any fuel losses that might have occurred are thus anticipated to have been limited to minor exterior spillage or splashing during fuel deliveries and would be unlikely to have extended beyond the immediate vicinity of the filler pipes. Furthermore, the effects would be expected to have been substantially reduced, if not eliminated, by intrinsic biodegradation from naturally occurring biota in the soil. PCA 1, may therefore have resulted in localized Areas of Potential Environmental Concern (APEC) 1 in limited zones in the vicinity of fillers for former ASTs on the exterior of 78 Park Street and 24, 26 and 28 Ann Street. Any soil contamination associated with this APEC would be expected to be proximate to the location of each of the former tank fillers only.

The presence of a dry-cleaning establishment in the parking garage located up-gradient from and adjacent to the west end of the Phase I property would only constitute PCA 5 if operations involved the use and storage of cleaning solvents occurred. No PCA would apply if the former business comprised a depot for laundry pickup and drop off by commuters and local residents, as is probably the case, only and thus no APEC is expected to be present. In the unlikely event that the PCA did exist and that losses did occur, groundwater may have migrated onto the development site to the south east and resulted in APEC 2.

The storage of coal and fuel oil at the lumber mill comprising PCA 3 may have resulted in fallout of windblown dust and migration of spilled fuel oil in groundwater across Ann Street to the north side of the Phase I property resulting in APEC 3. The presence of contaminants from fuel oil losses, however, is considered to be unlikely since the former lumber mill is located downgradient from the development site. The storage of coal for locomotive tender coaling operations and general railway operations at the former CN Port Credit railway station that comprises PCA 4 may also have resulted in historical fallout from wind-blown coal dust onto the western portion of the Phase I property as well as from tracking from residents' vehicle tires from coal spillage on the street onto household driveways and parking areas resulting in APEC 4. As is the case with the former lumber mill, the presence of diesel fuel contamination in migrating groundwater from more recent rail operations is not considered to have affected the Phase I property given the absence of refuelling tanks and operations at the station and its separation distance from the development site. No visible evidence of fill placement was observed at the site however imported fill is known to have been placed at a number of properties in its general vicinity. It is thus prudent to consider that PCA 2 may have resulted in APEC 5 in soil although no associated groundwater contamination would be present. Any soil contamination associated with APECs 3, 4 and 5 would be expected to comprise inorganic and organic parameters at low concentrations and coal dust in fill extending down to the surface of underlying native soil at shallow depths, intermittently across the site, only.

All soil and groundwater underlying the Phase I property will be removed during boundary - to - boundary excavation for site preparation purposes which will extend well into bedrock to facilitate construction of a multi-level below ground parking structure.

This Phase I ESA was carried out in general accordance with the Canadian Standards Association (CSA) document CSA Z768-01 (R2016) that outlines the general requirements for a Phase I ESA on a property for which a Record of Site Condition (RSC) is not required. The procedures used in its preparation, however, also comply in most respects with the requirements of Schedule "D" *Phase One Environmental Site Assessment* from Ontario Regulation (O.Reg.) 153/04 – RSC, to support the filing of an RSC should one ultimately be determined to be necessary or required.

1 INTRODUCTION

Arcadis' services were retained by Edenshaw to conduct a Phase I ESA of the assembled property comprising 78 Park Street East, and 22, 24, 26 and 28 Ann Street, Mississauga, Ontario (the Site) to provide information on potential targets for evaluation.

The purpose of the investigation was to assess the existing site conditions from an environmental perspective and to identify any potential environmental concerns, on or off the property, that might affect the re-development of the Site for residential intensification purposes. The findings would also provide a basis for the design of a Phase II ESA, should one be required.

The Phase I Property comprises five contiguous properties know municipally as 78 Park Street East, and 22, 24, 26 and 28 Ann Street, Mississauga, Ontario. It is situated on the southwest corner of Park Street East and Ann Street with a frontage on Park Street East of approximately 25 m and a frontage of approximately 75 m on Ann Street. The Site is rectangular in shape, covers an approximate area of 2,825 m^2, and is occupied by eight structures, one on each municipal address with garden sheds at 78 Park Street East, 24 and 28 Ann Street. The location of the Site is shown on the Key Plan in Figure 1, and on Drawing No. 702865-1, in Appendix A. Properties within a 250 m radius of the boundaries of the Site comprise the Phase I Study Area. Their present and historical uses have been investigated to assess the potential for adverse effects to the Phase I Property from off-site sources. The boundaries of the Phase I Study Area are shown on Figure 1 in Appendix A.

The Site is proposed for redevelopment for residential intensification purposes. The dimensions of the proposed apartment tower are not known however it is presumed that it will be supported on a boundary-to-boundary two level below grade parking structure.

Single family dwellings currently occupy the five properties which comprise the site. Each residence is of brick or wood frame construction and is either one or two-storeys in height. The Site is oriented approximately east-west along Ann Street with the western most property being 28 Ann Street and the eastern most property being 78 Park Street East. The balance of the Site not covered by building is either grassed or asphalt paved for the purposes of vehicle parking. All of the properties on the Site were originally developed and zoned for residential purposes since their first use.

Based on experience in the general vicinity of the site, overburden is considered likely to comprise a thin zone of heterogeneous fill overlying silty sand to clay till that extends to depths of approximately 8.0 to 10.0 m bgs to weathered shale bedrock of the Georgian Bay formation. Groundwater would be expected to be encountered at a depth of 3.0 to 6.0 m bgs with the direction of flow controlled by proximity to the Credit River to the southwest and Lake Ontario to the southeast.

The general layout of the Phase I Property is shown on Drawing 702865-1, Site Plan, provided in Appendix A. Legal descriptions of the properties are presented in Section 3.1.4 of this report.

The Site is currently being assembled by Edenshaw for development.

The contact information for the developer representative is:

Edenshaw Management Limited

Attn: Mr. Richard Cooke

Vice President, Investments

260 Brunel Road, Mississauga, Ontario

2 SCOPE OF WORK

Inasmuch as all of the properties are currently zoned and used for residential purposes and the intended zoning for the land assembly is also to be residential, no improvement in landuse (i.e. from industrial, commercial or community (ICC) to, residential, parkland or institutional (RPI)) will be involved in the redevelopment process. The provisions of Ontario Regulation (O.Reg.) 153/04 – Records of Site Condition (RSC) will thus not apply and the highly prescriptive investigation requirements detailed in Schedule "D" Phase One Environmental Site Assessment of the regulation will not have to be adopted. An RSC for the property will therefore not have to be filed with the Ministry of the Environment and Climate Change (MOECC) for acknowledgement in order for an above grade building permit to be issued for construction. This Phase I ESA was prepared in general accordance with the provisions of Canadian Standards Association (CSA) Standard CSA Z768-01 (R2016) Phase I Environmental Site Assessments which comprises the accepted standard in the Province of Ontario for conducting work of this nature that is not subject to the requirements of the above referenced the Regulation. The scope of this Phase I ESA included:

i) a review of all available previous environmental reporting concerning the site;

ii) a review of historical data in order to identify potentially contaminating activities (PCAs) on the site and on adjacent properties and any associated areas of potential environmental concern (APECs) on-site, through an evaluation of current and past land-use;

iii) a site reconnaissance and preliminary examination of the property and study area to document the presence of readily observable wastes, staining, plant kills or other readily observable evidence of contamination that might be present;

iv) interviews with representatives of the current owners/tenants of the Site; and,

v) preparation of a report on the results of the work undertaken.

Arcadis staff conducted a review of records and files including previous reports prepared by others, electronic databases, city directories, and aerial photographs.

The data review included:

- a review of historical aerial photographs dated 1931, 1946, 1954, 1966, 1975, 1980, 1985. 1992, 1999, 2004 and 2016 (sourced from Arcadis archives, ERIS, and Google Earth satellite imagery), to identify development of the lands and for evidence of environmental concerns on the Phase I Property and adjacent properties in the Phase I Study Area;
- a review of fire insurance plans (FIP) from 1928 and 1952 sourced from ERIS;
- a review of an ERIS database report providing information on the Phase I Property as well as the surrounding Phase I Study Area, within 300 m of the centre of the Site, with respect to environmental occurrence reports, MOECP well records, waste generators, manufacturing facilities, storage tanks, water wells, and hazardous substances such as polychlorinated biphenyls (PCBs), etc.;
- a review of city directory information from 1953 to 2000, in approximate five-year intervals, sourced from ERIS, regarding former occupants of the Phase I Property and adjacent properties;

- correspondence with the Technical Standards & Safety Authority (TSSA) Fuels Safety Branch regarding the possible presence of underground fuel storage tanks on the Phase I Property;
- a review of the MOECP Brownfields Environmental Site Registry, under Part XV.I of the Environmental Protection Act (O. Reg. 153/04 - Records of Site Condition) for Records of Site Condition and potentially risk-assessed lands in the Phase I Study Area;
- a review of the MOECP Environmental Registry, under the 1994 Province of Ontario Environmental Bill of Rights (EBR);
- a review of the MOECP Hazardous Waste Information Network (HWIN) database (O.Reg. 347 - General - Waste Management) for registered waste streams of commercial/industrial properties at the Site and in the Phase I Study Area;
- a review of the Ontario Ministry of Natural Resources and Forestry Natural Heritage Areas Map for Species at Risk (SAR) and Areas of Natural and Scientific Interest (ANSI);
- a review of the MOECP Waste Disposal Site Inventory, dated June 1991;
- a review of the MOECP Inventory of Coal Gasification Plant Waste Sites in Ontario, dated 1987; and
- submission of a freedom of information (FOI) request form to the MOECP for information regarding environmental infractions, orders, spills or other environmental concerns on the Phase I Property.

No environmental site assessment or geotechnical engineering reports concerning the Site were available for review.

This report has been prepared on the basis of our observations in the field, the results of a historical review and information made available to our staff by Edenshaw and current occupants of the Site. It constitutes a preliminary assessment of site conditions, intended to address readily-evident issues and to identify such potential concerns as may warrant further study. This study did not include subsurface investigation work, intrusive inspection of building elements or a designated substances and hazardous materials survey.

3 RECORDS REVIEW

The records review comprised the gathering and review of previous reporting on events or operations concerning the Phase I Property and other data related to both historical and current activities at the Site in order to identify any PCAs that might constitute sources of APECs on the Site. Historical and current activities related to adjacent properties within the Phase I Study Area were also reviewed to identify PCAs that may have resulted in APECs on the Phase I Property.

3.1 General

3.1.1 Phase I Study Area Determination

The Phase I Study Area includes the Site and surrounding properties situated within 250 m of the boundaries of the Site. The Study Area extends to just south of Troy Street to the north, to just west of Lakeshore Road East to the east, to just south of Elizabeth Street to the south, and to just west of Oriole Avenue to the west. The Phase I Study Area is shown on Figure 1 in Appendix A at the rear of the report.

3.1.2 First Developed Use Determination

Information regarding first developed use of the Phase I Property was obtained from a review of fire insurance plans, a search of City Directories, and a review of aerial photographs.

The search determined that some development, possibly agricultural, of the Site occurred prior to 1928, when the land was occupied by a sole residential dwelling at 78 Park Street East. By 1958, residential dwellings were also present at 24, 26 and 28 Ann Street. This property use continued until present day; the Site continues to be zoned as residential.

3.1.3 Fire Insurance Plans

Fire Insurance Plans (FIPs) sourced from ERIS and the City of Toronto Archives were reviewed by Arcadis staff for the years 1928 and 1958. Both FIPs are provided in Appendix D.

The FIP from 1928 shows an area extending from the rail line in the west to Park Street East in the east and from Hurontario Street in the north to south of Brook Street in the south. The site is visible and unoccupied except for a dwelling present at what is now 78 Park Street East. The property immediately to the north of Ann Street, directly opposite from the site, supported a lumber mill. The west side of Queen Street East, directly opposite from the site, was occupied by Canadian National Railway's (CNR) Port Credit Station which, according to information from the FIP, included a coal storage and loading area for refuelling locomotives. The remainder of the lands are shown on the FIP to be occupied by dwellings.

The northern boundary of the 1958 FIP comprises Veronica Drive. Its eastern boundary is First avenue, its southern boundary High Street East, and its western boundary Helene Street North. The area displayed by the FIP is irregular in shape with an area omitted east of Hurontario Street on the east side of the tracks. This FIP shows the continued presence of the lumber mill and the CNR rail station and associated coal loading area. The coal storage area appears to have been replaced by an area for wood cutting. Dwellings are present on the Site at 78 Park Street East and at 24, 26 and 28 Ann Street. The remainder of the area displayed is largely residential although an office building was situated at the southwest corner of Ann Street and High Street East and a lawn bowling green was located at the northeast corner of Park Street East and Ann Street.

3.1.4 Chain of Title

Properties on the Site are legally described as the following:

- 22 Ann Street – Parts of Lots 3, Plan PC2 ECR, Park to Queen as in RO793718, City of Mississauga
- 24 Ann Street – Parts of Lots, Plan PC2 ECR, Park to Queen St as in RO108737, City of Mississauga
- 26 Ann Street – Parts of Lot 3, Place 2 ECR, “North Side of Park St” as in RO949109, Mississauga: (“Amended 1999 of 30 by J. Gardner)
- 28 Ann Street – Parts of Lot 3, Place PC2 ECR, Park to Queen St as in PC386, except RO1135625, Mississauga
- 78 Park Street – Parts of Lots 3, Place PC2 ECR, Park to Queen St as in RO1157351, Mississauga

A chain of title search was not completed for the Site. Given the present and historical residential land-use of the Site, it was determined that a title search back to the date of first developed use would not contribute useful information with respect to the environmental condition of the Phase I Property. The City Directories search, FIPs, a review of historical records, and aerial photographs have been relied upon to capture the history of the Site sufficiently.

3.1.5 Environmental Reports

The following previous report concerning the Site was made available to Arcadis staff for review.

“Heritage Impact Assessment of 78 Park Street East, Mississauga, Ontario”

Stevens Burgess Architects Ltd. (SBA) were retained by Edenshaw Developments Limited to prepare a Heritage Impact Assessment at 78 Park Street East. SBA completed a chain of property title, building exterior assessment which included foundation assessment, wall windows, entry doors, roof and roofing, the chimney, the front porch. Building interior assessment which included the basement, ground floor, hall and staircase, the second floor and the tail end of the house. It was concluded that the property at 78 Park Street East only met one of the nine heritage designation criteria.

3.2 Environmental Source Information

3.2.1 City Directory Search

City directories were reviewed for the years from 1953 to 2000 in approximate five-year intervals for the Site and directly adjacent properties.

Addresses for the Site and adjacent properties were not listed in city directory listings in 1953. As of 1958, residences were listed in the city directory at 28 Ann Street. As of 1966, additional residences were listed at 22 Ann Street and 78 Park Street East.

The city directory listings from 1972 to 2000 indicate that a dry-cleaning operation was located at 27 Helene Street North on the first floor of a four-level parking garage which abuts 26 to 30 Ann Street and which was constructed at some point between 1966 and 1972. No records relating to the establishment were found

and thus it is not known whether it comprised a cleaning plant with onsite solvent usage or a drop off and pickup depot with no onsite cleaning operations.

The Site itself was occupied by a mixture of residential housing, a place of worship, and daycare facilities between 1972 and 2000.

A copy of the ERIS Summary of City Directory Listings is provided in Appendix E. Previous tenants of the Phase I Property and its adjacent properties are displayed in Table3.1 below.

Table 3.1 Tenants at Phase I ESA Property and Adjacent Properties

Address	Company Name	Years Active
City Directory Listings on Phase I Property		
Ann Street		
22	Residential Address Not Listed	2000, 1994, 1989, 1984, 1977/78, 1972/73, 1966 1958, 1953
24	Residential Child's World Day Nursery Heidi's Sunshine Day Care Address Not listed	2000, 1994, 1977/78, 1972/73 1989 1984 1966, 1958, 1953
26	Residential Unity Church Address not listed Unity Church of Mississauga Address Not Listed	2000 1994 1989 1984 1977/78, 1972/73, 1966, 1958, 1953
28	Residential	2000, 1994, 1989, 1984, 1977/78, 1972/73, 1966, 1958, 1953
30	Residential	2000, 1994, 1989, 1984, 1977/78, 1972/73, 1966, 1958, 1953
Helen Street North		
27	Sheridan Cleaners Kwik Kleen Dry Cleaners Address Not Listed	2000, 1994, 1989, 1984 1977/78, 1972/73 1966, 1958, 1953
25	Clarkson TV Service Presto TV Service Ltd. Address Not Listed Residential Century Park Pizza	1989 1989 1984, 1966, 1958, 1953 1977/78, 1972/73 1972/73
31	GoMart Address Not Listed	2000, 1994, 1989, 1984, 1977/78, 1972/73, 1966 1958, 1953
Park Street East		
70	Residential (multi tenant) Century Park Apartments Cosway Cleaning Services Armstrong World Industries Canada Ltd. Address Not Listed	2000, 1994, 1989, 1984, 1977/78, 1972/73 2000 2000 1994 1966, 1958, 1953
78	Residential Address Not Listed Walker Exploration Ltd.	2000, 1989, 1977/78, 1972/73, 1966 1994, 1958, 1953 1984
Queen Street East		
30	VK Mason Construction Ltd. Address Not listed	1994 1989, 1984, 1977/78, 1972/73, 1966, 1958, 1953

3.2.2 ERIS Database Search

A search of provincial and private databases of records pertaining to properties within 250 m of the centre of the Site was conducted by ERIS in May 2018. Arcadis staff have relied upon the ERIS database information to be complete and accurate for the study area. A copy of the 2018 ERIS report is provided as Appendix E.

The search provided records from the following databases for properties on the Site and surrounding areas:

Borehole	O. Reg. 347 Waste Generator Summary	Record of Site Condition
Certificates of Approval	TSSA Incidents	Scott's Manufacturing Directory
Commercial Fuel Oil Tanks	Pesticide Register	Ontario Spills
Environmental Compliance Approval	TSSA Pipeline Incidents	Water Well Information System
ERIS Historical Searches		

Of the 140 records associated with the Study Area, none were associated with any of the properties that make up the Phase I Property and all records within 50 m of the centre of the site are associated with borehole locations from the MOECP database. A single relevant record was returned from Scott's Manufacturing Database for an industrial establishment at 25 Helene Street North, located approximately 66.0 m southwest. The listing is for Richard's Fine Chocolates, a manufacturer of confections from purchased chocolate (i.e. no cocoa processing on site), established in 1996. It is not anticipated that this manufacturing facility will pose an environmental risk for the subject site.

The next nearest record identified by ERIS is associated with a property situated 123 m southeast of the centre of the site at 80 High Street East. Bell Canada was identified as an active waste generator of oil skimmings and sludges, light fuels, PCBs, and alkaline wastes – heavy metals, as well as the operator of one active double wall fiberglass gasoline UST of 5,000 L capacity. Given the distance from the site and expected groundwater flow direction across the site, it is not anticipated that these PCAs will pose an environmental risk to the site.

None of the other records identified by ERIS were anticipated to constitute an environmental concern for the Site based on either the details of the record or distance and/or direction from the Site. Spills and incidents identified within the Study Area were either of a gaseous nature, comprised a substance not associated with environmental effects (e.g. sewage, potable water), or were at a significant distance or down-gradient direction from the Site.

Environmental Compliance Approvals (ECAs) identified within the Study Area are associated with municipal sewage, potable water, or releases to air.

Other than Bell Canada, discussed above, waste generators identified within the Study Area are either undefined (i.e. waste types not listed) or are associated with pathological wastes.

A single record associated with a property now occupied by a multi-storey apartment building 150 m south-southeast of the Site was identified in the Pesticide Register. Given the significant distance and down-gradient direction, this former operator is not anticipated to present an environmental effect on the property.

Relevant records at properties within 250 m of the boundaries of the Phase I Site are summarized in Table 3.1 below.

Table 3.2 ERIS Database Search Results Located within 250 m of the Phase I Property

Property Address	ERIS Site No. Distance from Centre of Site	Database	Description
25 Helene St N	5 65.9 m SW	Scott's Manufacturing Database	Richard's Fine Chocolates Inc. Confectionary Manufacturing from Purchased Chocolate Years: Established 1996
80 High St E	24 122.8 m SE	Commercial Fuel Oil Tanks	Bell Canada One (1) active double wall fiberglass UST with a 5,000 L capacity Years: Unknown
		Ontario Regulation 347 Waste Generators Summary	Bell Canada Waste generators of oil skimming and sludges, light fuels, PCBs, and alkaline wastes - heavy metals Years: 2014 - present
		Ontario Spills	*Municipal Sewage* Overflow/surcharge of raw, unchlorinated sewage due to blockage Year: 2017
66 High St E	39 148.9 m SSE	Pesticide Register	Versace Lawn Care Operator Years: Unknown
Queen St E/Hurontario St	42 153.3 m NNE	Certificates of Approval	Regional Municipality of Peel Approval for municipal sewage and municipal water Year: 1995
55 Park St E	43 153.8 m S	Certificates of Approval/Environmental Compliance Approval	Kanco-55 Park Ltd. Approval for air Year: 2009
		TSSA Incidents	55 Park Street East Carbon monoxide produced by boiler with poor maintenance in a multi-unit residential building Year: 2014
			55 Park Street East Carbon Monoxide produced by boiler (98 ppm at boiler) Year: 2017
90 High St E	44 156.6 m E	TSSA Pipeline Incidents	90 High Street East 1/2" Pipeline damage due to insufficient excavation practices Year: 2012
30 Queen St E	47 158.1 m WSW	Ontario Regulation 347 Waste Generators Summary	Metrolinx Waste generators of other specified inorganic sludges, slurries or solids Years: 2014 - present
High St, Park St E, Hurontario St	50 164.0 m E	Certificates of Approval	*Unlisted* Approval for watermain and appurtenances to be constructed Year: 2000

Property Address	ERIS Site No. Distance from Centre of Site	Database	Description
Ann St and High St	57 173.2 m ESE	Ontario Spills	Fram Group (Canada) Inc. Discharge of 20 L of cement washout from truck due to operator/human error Year: 2017
69 High St E	73 198.5 m SE	Ontario Spills	Fram Group (Canada) Inc. Discharge of concrete, drill bits, and wash water to catch basins due to deliberate act Year: 2017
40 Oriole Ave	79 208.6 m NW	Ontario Spills	*Private Residence* Spill of 1/2 L of furnace oil to ground due to vent pipe back-up Year: 1995
25 Hurontario St	82 211.5 m E	Ontario Spills	Oshawa Foods Discharge of 34 kg of freon R-22 to atmosphere due to line leak Year: 1996
7 Helene St	88 214.0 m SE	Ontario Spills	PUC Spill of unlisted material from unlisted container type due to unlisted reason Year: 1988
57 Elizabeth St	90 214.6 m SW	Ontario Regulation 347 Waste Generators Summary	Mississauga Hydro (PCB) Undefined waste generator Years: 1990 to 1994
Elizabeth St/Park St	96 222.5 m SSW	Ontario Spills	Regional Municipality of Peel Discharge of potable water to sewer and Credit River due to equipment failure Year: 2013
10 Hurontario St	101 233.0 m ESE	Scott's Manufacturing Database	Excalibur International Consultants Other publishers Years: Established 1972
5 Ann St	108247.1 mESE	Ontario Regulation 347 Waste Generators Summary	Enersource Hydro Mississauga Undefined waste generator Years: 2011
128 Lakeshore Rd E	109 247.5 m SE	Ontario Regulation 347 Waste Generators Summary	Skinner & Middlebrook Ltd. Funeral home - waste generator of pathological wastes Years: 1988 to 2011
1 Hurontario St	111 247.7 m E	Certificates of Approval/Environmental Compliance Approval	F.S. Port Credit Development Limited Approval for municipal and private sewage works Year: 2007
		Ontario Regulation 347 Waste Generators Summary	Dolce Vita Medical Spa & Salon Waste generator of pathological wastes Years: 2016 to present
		TSSA Pipeline Incidents	*Unlisted* Discharge of natural gas from 2" pipe due to insufficient excavation practices Year: 2011

3.2.3 TSSA Records Review

The Technical Standards and Safety Authority (TSSA), Fuels Safety Branch, was contacted by Arcadis staff on May 11, 2018, and requested to review their files for any information available on the properties at 78 Park Street East and 22, 24, 26 and 28 Ann Street regarding the presence of ASTs or USTs on the Site. A response was received indicating that no records relating to fuel storage tanks exist in the TSSA database with respect to the above referenced addresses.

It should be noted that the Fuels Safety Division of the TSSA did not license or register private fuel underground or aboveground storage tanks prior to January 1990 or fuel oil tanks prior to May 1, 2002. Further, private fuel oil or waste oil tanks in apartments, office buildings, residences, etc. and aboveground gasoline or diesel tanks are not registered with the TSSA.

3.2.4 Brownfields Environmental Site Registry

An on-line search of the MOECP Brownfields Environmental Site Registry was performed on May 17, 2018. The search indicated that Records of Site Condition (RSC) have been filed with the MOECP for five properties within an estimated 250 m of the site.

RSC #112316 was filed on June 21, 2011 for 10 Ann Street, located approximately 190 m southeast of the Site. The RSC was filed to facilitate a change in land-use from commercial to residential. A Phase I ESA was carried out with no Phase II ESA or associated action plans. A second RSC (#223748) was filed for the site on September 5, 2017. This RSC incorporated the filing of both a Phase One and Phase Two ESA. Approximately 2,000 m^3 of soil was removed from the property; no soil was deposited. Currently, a 15-storey condominium is proposed for the property.

RSC #112315 was filed on June 21, 2011 for 8 Ann Street. This RSC is associated with the one previously discussed. The land-use at the time of filing was residential, and a Phase I ESA was completed.

RSC #112310 was filed on June 21, 2011 for 6 Ann Street. This RSC is associated with the two filings discussed above. The land-use at the time of filing was residential, and a Phase I ESA was completed.

RSC #36704 was filed on November 16, 2007 for 15 Hurontario Street, located approximately 250 m east of the Site. The RSC was filed to facilitate a change in land-use from commercial to residential. Phase I and Phase II ESAs, in addition to supplementary confirmatory sampling, were filed to support the filing. Approximately 300 m^3 of soil or sediment was removed from the property; no soil was deposited. Currently, a multi-storey condominium is present on the property.

3.2.5 Environmental Registry

An on-line search of the MOECP Environmental Registry was performed by ERIS in May 2018. The registry was searched for records pertaining to the Site and properties within a 250 m radius of the boundaries of the Site. No records were uncovered.

3.2.6 HWIN Database Search

A search of the MOECP Hazardous Waste Information Network (HWIN) database was performed by ERIS in May 2018 for current records associated with the Site and properties in its vicinity. Results of this search are discussed in Section 3.2.2.

The HWIN Database of current waste generators was searched by Arcadis staff on May 17, 2018. No additional waste generators were identified.

A comprehensive search of the MOECP database for past generators on the Site and in its vicinity is included in the ERIS database for records up to February 2018 (see Appendix E).

3.2.7 PCB Storage Sites

Searches of the MOECP inventory of PCB Storage Sites and the National PCB Inventory were completed by ERIS (see Section 3.2.2). No records of PCB storage sites on the Phase I Property or in the Phase I Study Area were listed.

3.2.8 NPRI Reporting

A search of Environment Canada's National Pollutant Release Inventory (NPRI) was completed by ERIS (see Section 3.2.2). No records associated with properties in the Phase I Study Area were listed.

3.2.9 Waste Disposal Site Inventory

Review of the MOECP *Waste Disposal Site Inventory*, dated June 1991, indicates that no active or closed waste disposal sites are situated on or near the Site.

3.2.10 Coal Gasification-sites

A review of the *Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume 1 (MOE 1987)* indicated that no coal gasification plant sites were present in the Phase I Study Area.

3.2.11 MOECP FOI Request

A Freedom of Information (FOI) request was forwarded to the MOECC in September 2018 for documents in the Ministry's files pertaining to any environmental concerns, orders, spills, charges/prosecutions, ECAs, and waste sites on the Phase I Property.

Data have not yet been provided, however MOECP response time for an FOI request is typically on the order of months. Any pertinent information received by Arcadis staff following submission of this Phase I ESA report will thus be forwarded to Edenshaw if received.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs of the Site and vicinity were reviewed for the years 1931, 1946, 1966, 1975, 1980, 1999, and 2016. Photos from 1931 and 1946 were sourced from ERIS, photos from 1966 to 1999 were sourced from Arcadis archives, and the photograph from 2016 was sourced from satellite images (Google Earth).

The selected photographs were considered to cover an appropriate time span of development on and in the vicinity of the Phase I Property. No aerial photographs were available for the site prior to 1931.

Copies of the aerial photographs are provided in Appendix C. Observations made from each of the photographs are provided in Table 3.3 below.

Table 3.3 Review of Aerial Photograph Data

Year	Description
1931	• The Site is visible and a small building appears to be present at 78 Park Street East. Structures on the remainder of the Site are either not present or not visible due to low photograph resolution. • The balance of the Site appears to be lawn-covered. • Roadways in the vicinity of the Site are present in their current configurations, as is the rail line to the west. • Development appears to be occurring in the Phase I Study Area however the nature of the development is not discernable due to the photograph's low resolution. The lumber mill to the north of the Site, identified in the FIPs, appears to be present. • The outlet of the Credit River is narrower at its mouth and wider to the west of the mouth than its current configuration.
1946	• The Site is visible however details are indiscernible due to the low resolution of the photograph; some dark shadows, suggesting the presence of small buildings are visible. The balance of the Site appears to be lawn-covered. • The configuration of the Phase I Study Area appears similar to the 1939 aerial photograph with the addition of small buildings present on some properties. The lumber mill to the north of the Site continues to be present. • The Credit River resembles the 1931 footprint.
1954	• The site is visible in its current configuration, with small buildings visible at 78 Park Street East and 28 Ann street. • Directly west of the site, there appears to be further development with residential dwellings. The rest of the Phase I Study Area appears similar to the 1946 aerial photograph.

Year	Description
1966	• The Site is visible in its current configuration, with small buildings visible at 78 Park Street East and 22, 24, 26 and 28 Ann Street. • Directly south of the site are similarly small buildings with grassy lawns, suggesting residential development. The lumber mill to the north of the Site continues to be present. Apartment buildings are visible in the Phase I Study Area. • The outlet of the Credit River appears to have been widened and a marina is visible. Material appears to have been deposited in the wider area previously identified and the area appears to be grass covered.
1975	• The Site is visible in its current configuration. • The apartment building and parking structure which are currently present south of the Site are visible in their current configuration. The lumber mill to the north of the Site continues to be present. • The configuration of the Phase I Study Area appears similar to the 1966 aerial photograph.
1980	• The configuration of the Site and Phase I Study Area appears similar to the 1975 aerial photograph. • The lumber mill to the north of the Site has been demolished and the area it occupied appears to be covered by grassy lawn.
1985	• The configuration of the Site and Phase I Study Area appears similar to the 1980 aerial photograph. • The lot which the lumber mill formerly occupied is occupied by the GO parking lot currently present north of the Site.
1992	• The configuration of the Site and Phase I Study Area appears similar to the 1985 aerial photograph.
1999	• The configuration of the Site and Phase I Study Area appears similar to the 1980 aerial photograph.
2004	• The configuration of the Site and Phase I Study Area appears similar to the 1999 aerial photograph.
2016	• The configuration of the Site and Phase I Study Area appears similar to the 1999 aerial photograph.

3.3.2 Topography, Hydrology and Geology

The property is located in the physiographic region known as the Iroquois Plain, which comprises the lowlands bordering Lake Ontario and which, at one time, were inundated by a body of water known as glacial Lake Iroquois (Chapman and Putnam, Physiography of Southern Ontario, 1984). Based on a review of the Ontario Geological Survey (OGS) Surficial Geology of Southern Ontario and Quaternary Geology of Ontario KML files, the Site is located on coarse-textured glaciolacustrine deposits of sand and gravel with minor silt and clay on Paleozoic terrain.

A database of geotechnical borehole records compiled by Ontario's Ministry of Northern Development and Mines was consulted for geological information pertaining to the Site. A borehole, drilled at the northwest corner of the Site in 1965, indicates geology around the Site consists of medium-grained sand, silt, and clay to a total borehole depth of 2.4 m bgs. A borehole at the northeast corner of the Site, drilled in 1965, describes the same conditions. A borehole drilled north of the Site indicates clay till below a depth of 2.3 m bgs.

A review of the OGS Bedrock Geology of Ontario KML file indicates that the bedrock conditions local to the site consist of shale, limestone, dolostone, and siltstone of the Georgian Bay Formation.

Local topography in the area of the Site is generally flat. Regional topography in the area slopes gradually to the south toward Lake Ontario.

3.3.3 Fill Materials

No areas of disturbed soil or fill areas were observed on the property at the time of the site investigation.

3.3.4 Water Bodies and Areas of Natural Significance

The nearest water body comprises a small water course running parallel to the railway tracks on its west side, approximately 80 m northwest of the Site. Lake Ontario is the largest body of water near the site, situated at a distance of approximately 470 m southeast.

An on-line search of the Ontario Ministry of Natural Resources (MNR) Natural Heritage Information/ANSI database performed by Arcadis staff on May 17, 2018 indicated that several potentially sensitive species have been found in the vicinity of the Site, including: a bird, Henslow's Sparrow; a reptile, the Eastern Milksnake; and several species of fish. Most of these species have not been observed in the area for decades or are not suited to the environment of the Site however, current habitat south west and south east of the Site, along the Credit River and Lake Ontario, respectively, is generally suitable to support the listed species.

According to the above database, the site is not located in a designated Environmentally Significant Area nor is it an area of natural or scientific interests (ANSI). The nearest ANSI to the Site is more than 4 km south of the Site.

Limitations on the location of the ANSI sites are due to the accuracy of the information provided in the ANSI database.

3.3.5 Well Records

A search of water well records was completed as part of the ERIS search. It was reported that no monitoring wells were present at the Site. A total of three monitoring wells were reported to have been installed on properties in the Phase I Study Area while two wells with unlisted uses were reported in the Phase I Study Area.

The well records typically described the soil in the area of the Site as sand and sand till.

3.3.6 Site Operating Records

No operating records were available for the historical activities taking place on the Phase I Property.

4 INTERVIEWS

The following individuals were interviewed as part of this Phase I ESA:

- Mr. Joseph Loncar – Owner of 22 Ann Street, was interviewed in person on September 11, 2018 by Ms. Pereira of Arcadis
- Mrs. Naiomi Pomes – Wife of the owner at 24 Ann Street, was interviewed in person on September 11, 2018 by Ms. Pereira of Arcadis
- Mr. Lou Defabrizio – Owner of 26 Ann Street, was interviewed in person on September 13, 2018 by Ms. Pereira of Arcadis
- Ms. Teresita Rox – Owner of 28 Ann Street, was interviewed in person on September 13, 2018 by Ms. Pereira of Arcadis
- Mr. John Adelaide – Former owner of 78 Park Street East, was interviewed in person on September 11, 2018

Mr. Joseph Loncar is the owner of the building at 22 Ann Street and has owned the property for the past seven years. The building is occupied by residential apartment units in the basement, the ground floor and the second floor. According to Mr. Loncar the building has always been used for residential purposes. To the best of his knowledge the building was constructed in the year 1965 and renovations were completed approximately seven years ago. Window-mounted air conditioning units have been installed in the ground floor and second floor units.

Mrs. Pomes is the wife of the owner of the building at 24 Ann Street. According to Mrs. Pomes the building was constructed in 1935 and used for residential purposes. The building was also used as a hair salon and then as a day care centre however was not zoned for commercial purposes. Over the years the building has been renovated numerous times. Mrs. Pomes family has reportedly owned this building for the past twenty years. It currently contains two residential apartment units that occupy the ground floor and the first floor of the building. The basement was renovated a few years back and is vacant.

Mr. Defabrizio is the owner and currently resides in the building at 26 Ann Street. According to Mr. Defabrizio the building was constructed in the early 1930's. He indicated that the building was used as a Church. He mentioned that some renovations have been completed on the building over the years. The building has a ground floor and a basement. The building was formerly heated using oil-powered furnace. It was decommissioned eight years back and is currently heated by a natural gas-powered furnace. Places of worship are currently considered to comprise a community land use by the MOECP, however the ministry will be changing that designation to institutional in January of 2019. RPI Site Condition Standards (SCS) under Soil Ground Water and Sediment Standards for Use under Part XV.I of the Environmental Protection Act (the standards) are thus appropriate for application at the site for redevelopment purposes and no change in land use will apply.

Ms. Rox is the owner and currently resides in the building at 28 Ann Street. According to Ms. Rox, she is the second owner of the building. She indicated that the building might have been constructed in the late 1930's and was used as a residence. The building has a ground floor, a first floor and a basement. She indicated that some minor building improvements had been made to the building interiors and is heated using natural gas-powered heaters. A window-mounted air conditioning unit is situated on the ground floor.

Mr. Adelaide is the former owner and currently resides in the building at 78 Park Street East. He indicated that the building might have been constructed in the late 1800's. He has done a few interior renovations to the building and has added a deck at the rear. The building has a ground floor, a first floor and a basement. The building is heated by natural gas-powered furnace.

No USTs are present at any of the five properties at which the interviews were conducted. None of the interviewees indicated that any UST's were present at any of the five properties.

Copies of the completed interview forms are provided in Appendix F.

5 SITE RECONNAISSANCE

5.1 General Requirements

An inspection of the Site and the Phase I Study Area was undertaken by Ms. Pereira (see Appendix H for Ms. Pereira's qualifications) of Arcadis on September 11 and 13, 2018. Observations made during the site inspection are presented below. The completed Phase I ESA site reconnaissance form is provided in Appendix F.

Photographs taken during the 2018 site visit are provided in Appendix B. Brief summaries of each photograph are provided below and in Appendix B.

Photo No.	Description
1	Exterior of buildings, 78 Park Street East, 22 Ann Street on right
2	Exterior of buildings, rear of 22 Ann Street
3	Interior of 22 Ann Street, furnace/laundry area, showing the hot water gas unit
4	Interior of buildings at 2 Ann Street, showing the corridor and living area on the ground floor
5	Interior of 22 Ann Street, showing the living area and corridor on the first floor
6	Interior of building at 22 Ann Street, showing the living area in the basement
7	Exterior of 24 Ann Street, east side of the building showing the corridor going to the backyard
8	Exterior of the building at 24 Ann Street, showing the front entrance
9	Interior of 24 Ann street, showing the electric furnace in the living are on the first floor
10	Interior of the building at 24 Ann Street, showing the living area on the ground floor
11	24 Ann Street- Furnace/laundry room in the basement, pipe penetrations on the wall are visible
12	24 Ann Street- Furnace/laundry room in the basement, the floor drain is visible
13	24 Ann Street – Exterior of the building, showing the piping exiting out of the wall (western wall)
14	24 Ann Street- Air conditioning unit on the west side of the building
15	Exterior of the building at 26 Ann Street

Photo No.	Description
16	26 Ann Street: Storage rooms area, showing former AST piping on south-eastern wall of the building
17	26 Ann Street- Furnace room, showing the piping on the wall
18	26 Ann Street- west part of the building showing the gas meter connection
19	26 Ann Street- west portion of the building showing the air conditioning unit
20	26 Ann Street – photograph showing the breather pipe on the southeast wall of the building
21	Exterior of building at 28 Ann Street
22	28 Ann Street - Interior of the building, showing the location of former AST on the northeast side of the building
23	28 Ann Street – Furnace room, showing the piping insulation located in the basement
24	28 Ann Street – Photograph showing the wall mounted air conditioning unit on the ground floor
25	28 Ann Street – Photograph showing the wood fired furnace in the living room
26	28 Ann Street – Photograph showing the exterior (east) wall, showing the former breather pipe location
27	28 Ann Street - Photograph showing the backyard with the shed
28	28 Ann Street – Photograph showing the west side of the Phase I Property
29	78 Park Street East -Exterior portion of the house showing the front yard
30	78 Park Street East – Interior of the house showing the natural gas furnace in the basement
31	78 Park Street East– Photograph showing the floor drain in the basement
32	78 Park Street East– Photograph showing the piping on the wall in the basement
33	78 Park Street East– Photograph showing the insulation in the attic
34	78 Park Street East – Photograph showing the exhaust pipe and possible location of breather pipes

Photo No.	Description
35	78 Park Street East – Photograph showing the gas meter near the fence in the backyard
36	78 Park Street East – Photograph showing the shed in the backyard mostly used for storage of garden supplies.
37	78 Park Street East – Photograph showing the rear of the building
38	78 Park Street East – Photograph showing the location of garbage bins

5.2 Specific Observations at Phase I Property

5.2.1 Buildings

A total of five residential dwellings and three garden sheds/garages occupied the Phase I Property at the time of the site reconnaissance:

- a two-storey on basement, single-family residential building and a garden shed located at 78 Park Street East,
- a two-storey on basement, multi-unit residential building (triplex) at 22 Ann Street,
- a two-storey on basement, single-family residential building and a garden shed located at 24 Ann Street,
- a one-storey on basement, single-family residential building at 26 Ann Street, and
- a two-storey on basement, single-family residential building at 28 Ann Street

The building at 78 Park Street East is believed to have been constructed in the mid-19th century when it was transferred from the Crown to then owner of the property Mr. Timothy Conner. It's shed may have been constructed at the same time or at a later date. The building at 26 Ann Street are believed to have been constructed sometime in the early 1950s. The triplex at 22 Ann Street and the residence at 28 Ann Street were constructed circa 1958. The date of construction of 24 Ann Street is unknown but it is likely it was also built circa 1958.

The residences across the assembled Site are generally situated centrally on their respective properties. Garden sheds and garages are situated at the rear of the properties, on the south side. A narrow alley separates 78 Park Street from 22 Ann Street to the west. Asphalt-paved driveways separate 22 and 24 Ann Street. West of 24 Ann Street is 26 Ann Street, separated by an asphalt-paved driveway. Narrow walkways separate 26 Ann Street from 28 Ann Street to the west. and a grassy lawn separates 28 Ann Street from the adjacent property to the west.

All of the structures on the Site appear to be of wood-frame construction. Wood siding faces 78 Park Street and 24 and 28 Ann Street. Brick cladding on framer is faced at 22 Ann Street and 26 Ann Street is faced with stucco. All of the buildings with the exception of 28 Ann Street, are constructed on poured concrete

foundations. The building at 28 Ann Street is constructed on cinder block foundation. No features which may affect the environmental condition of the Site were observed on the building's exteriors.

78 Park Street East, 24, 26 and 28 Ann Street are all heated using natural-gas furnaces. 22 Ann Street is heated using a hot water gas tank which uses natural-gas. Evidence of AST's (e.g. filler/breather pipes, pipe penetrations) was observed at 24, 26 and 28 Ann Street. Given the ages of the buildings, it was considered likely that at one time one or more were heated using oil-fired furnaces with fuel tanks installed in the basements of the buildings. This subject is further discussed in Section 5.2.4.

5.2.2 Open Lands

At the time of the May 11, 2018, September 11 and 13, 2018 site reconnaissance, all open lands on the Site were accessible for inspection.

Each property at the site is covered by a mixture of grass lawn, garden beds, gravel, and asphalt paving as outlined below:

- 78 Park Street East – 90% grass lawn, 10% gravel;
- 22 Ann Street – 20% grass lawn, 80% asphalt paved driveway and parking area;
- 24 Ann Street – 20% grass lawn, 80% asphalt paved driveway and parking area;
- 26 Ann Street – 30% grass lawn, 40% garden beds, 30% asphalt paved driveway;
- 28 Ann Street - 80% grass lawn, 20% asphalt paved driveway; and
- Vegetation in the form of trees, bushes, and flowering plants is present at each of the six properties.

No staining was observed on asphalt driveways or parking areas on any of the properties that make up the site and no evidence of stressed vegetation was observed across the majority of the lawns/gardens with the exception of a small rectangular area of stressed grass covering an area measuring about 1.5 X 3 m. in extent at the rear (i.e. south side) of 28 Ann Street. This area may be evidence of a recent or historical feature on the property with the potential to present an environmental effect however the extent will likely be limited.

No unidentified substances were observed on the Site during the reconnaissance and no railway lines or spurs were observed.

No potable water wells were observed on the Site. The five buildings on the Site are serviced with municipal water from the City of Mississauga. No groundwater quality monitoring wells were observed to be present on the Site.

5.2.3 Staining

No staining was observed on the ground surfaces of the Site's exterior.

No staining was observed on the main or Upper floors and in the basement on the Site's interiors.

No staining was observed in the furnace room at 78 Park Street and 22, 24, 26 and 28 Ann Street. No evidence of staining by furnace oil was noted in any of the basements or in the vicinity of the filler/breather pipes at the buildings' exteriors.

5.2.4 Storage Tanks

Evidence of the former presence of AST's was observed at 24, 26 and 28 Ann Street.

The owner at 26 Ann Street indicated the former presence of an oil-containing AST on the south-eastern side of the building's basement. He mentioned that the AST had been removed eight years ago when he renovated the building. Pipe penetrations through the exterior basement wall were observed at the location of the former AST.

The wife of the owner of 24 Ann Street indicated the former presence of an oil-containing AST on the western side of the building's basement. She mentioned that the oil tank might have been removed in the late 1980's although no pipe penetrations were observed on the exterior basement wall.

The owner at 28 Ann Street indicated the former presence of an oil-containing AST against the eastern wall of the basement. She mentioned that the AST had been removed 10 years ago from the building. Pipe penetrations through the exterior basement wall were observed at the location of the former AST.

Areas appearing to be patched over pipe penetrations were observed in the interior and exterior basement wall at 26 and 28 Ann Street. No filler of breather pipes were observed at the buildings' exteriors, however, given the ages of the buildings, it is likely that interior ASTs were present at one time.

Based on the observation of pipe penetrations on the Site and the similar ages of the buildings, it is inferred that the former ASTs would have been installed on the concrete flooring of the buildings' basements at 78 Park Street East, 24, 26 and 28 Ann Street. No oil staining was observed on the floors or walls of the basements and all floor slabs and basement walls where visible were observed to be sound and free of cracks.

5.2.5 Water Sources

Each building on the Site is currently supplied with municipal drinking water from the City of Mississauga, which is sourced from Lake Ontario. Any future building on-site will also be supplied with municipal drinking water.

5.2.6 Utilities

All of the buildings on the site are serviced with electricity by Alectra Utilities via overhead lines. Communication lines are also situated overhead, connecting to the six buildings. Water and sanitary sewer services are supplied to each building by the City of Mississauga by underground piping.

78 Park Street and 22, 24, 26, and 28 Ann Street are serviced with natural gas supplied through buried lines.

Municipal storm and sanitary sewers could be present in the properties and run below ground at the Site. The bedding material in the underground materials could comprise silty soils and sand.

5.2.7 Hydraulic Equipment

No hydraulic equipment was observed on-Site at the time of the May 2018 site inspection.

5.2.8 Polychlorinated Biphenyls

No transformers or other polychlorinated biphenyl (PCB) containing equipment was observed on-Site at the time of the May and September, 2018 site inspection.

Fluorescent lights were utilized to illuminate the furnace room at 22 Ann Street. PCB capacitors are contained in some fluorescent light ballast that were manufactured up until the early 1980s. The light ballasts were not accessed for inspection at the time of the reconnaissance. It is thus considered possible that some light ballasts may contain PCBs however, it is likely that most, if not all, will have been replaced over the past 30 years with non-PCB ballasts. If present these would have to be removed as waste under a small quantity exemption prior to demolition of the building.

5.2.9 Asbestos

Given the age of the buildings at each of the five properties (constructed between 1857 and up to 1958), asbestos may be present in insulation, dry wall joint compound roofing or caulking mastics, and ceiling and floor tiles. If present, the asbestos containing materials would have to be removed from the buildings and disposed of off-site prior to building demolition. A designated substances survey (DSS), which includes asbestos, was not included in the scope of this Phase I ESA; however, it is recommended that a DSS be completed prior to demolition of the buildings.

5.2.10 Ozone Depleting Substances

Equipment observed during the site reconnaissance in September 2018 which was suspected of containing ozone depleting substances (refrigerants) included air conditioners, refrigerators, and freezers at each of the five properties.

5.2.11 Hazardous and/or Waste Materials

Small quantities of cleaning products and other household chemicals (e.g. house paint) were observed at the Site. These chemicals were observed at 22, 24, 26 Ann Street in a storage room in the basement.

No other hazardous and/or waste materials are expected to be present at the Site.

5.2.12 Sumps, Pits and Drains

Floor drains were observed at 24 Ann Street in the furnace room in the basement. Floor drains were also observed at 78 Park Street East in the basement.

No sumps or pits were observed at any of the five properties comprising the Site. Storm and sanitary drains may be present on Site.

5.2.13 Waste Water

No process waste water is generated at the site and no waste water treatment systems such as oil/water separators were observed at the Site during the May and September 2018 site inspection.

The Site is serviced by the City of Mississauga sanitary sewer system. Surface water on the Site flows across the asphalt paved ground surface to either Queen Street East to the west, Ann Street to the north, or Park Street East to the east.

5.2.14 Air Emission Sources

Low capacity furnace units (natural gas fired) at each of the five properties comprise the only source of air emissions noted at the time of the site reconnaissance.

5.2.15 Chemical Handling

Small quantities of cleaning products and other household chemicals (e.g. house paint) are expected to be present at the Site, as discussed above in Section 5.2.11.

5.2.16 Designated Substances

Eleven substances are classified as “designated substances” in Ontario: asbestos; lead; silica; mercury; arsenic; benzene; acrylonitrile; ethylene oxide; isocyanates; vinyl chloride; and coke oven emissions.

Asbestos is discussed in detail in Section 5.2.9.

Heavy metals were historically added to paint as means of rust prevention and bactericide. In 1976, the Government of Canada placed controls on the lead content in paints, enamels, and other liquid coating materials for the use on interior and exterior surfaces of buildings, furniture, and household products. The *Surface Coating Materials Regulations* made under the *Hazardous Products Act* (SOR/2005-109) sets a maximum concentration of total lead of 90 mg/kg (0.009 percent or 90 parts per million) for surface coating materials, including paints, effective 21 October 2010. This criterion level applies to the sale and importation of new surface coating materials. Inasmuch as the buildings at the Site were constructed prior to 1976, the potential exists for lead-based paint on the walls and ceilings of the buildings and for lead gaskets in toilets.

Mercury may be present in boiler manometers, fluorescent light bulbs, and thermostats. Fluorescent light bulbs were observed at 22 Ann Street. Thermostats were observed at each of the properties on the Site.

Silica exists in several forms of which crystalline silica is of greatest concern with respect to potential worker exposures. Quartz is the most abundant type of crystalline silica. Some commonly used construction materials containing silica include brick, refractory brick, concrete, concrete block, cement, mortar, rock and stone, sand, fill dirt, topsoil and asphalt containing rock or stone. Silica is likely currently present in the building materials at the Site.

Vinyl chloride vapours may be released from polyvinyl chloride (PVC) products in the event of heating or as a result of decomposition during fire. PVC is used in numerous materials that may be found in building construction, including, for example, piping, conduits, siding, window and door frames, plastics, garden hoses, flooring and wire and cable protection. PVC products may be present in the buildings and utilities currently present on the Phase I Property.

Acrylonitrile is used to produce nitrile-butadiene rubber, acrylonitrile-butadiene-styrene (ABS) polymers and styrene-acrylonitrile (SAN) polymers. Products made with ABS resins which may be found in buildings include telephones, bottles, packaging, refrigerator door liners, plastic pipe, building panels and shower stalls. Acrylonitrile can be released into the air by combustion of products containing ABS. Acrylonitrile containing materials may be present in the buildings on the Phase I Property.

Isocyanates are a class of chemicals used in the manufacture of certain types of plastics, foams, coatings and other products. Isocyanate-based building construction materials may include rigid foam products such as foam-core panels and spray-on insulation and paints, coatings, sealants and adhesives. Isocyanates may be inhaled if they are present in the air in the form of a vapour, a mist or a dust. Isocyanate containing materials may be present in the buildings on the Phase I Property.

Benzene is a clear, highly flammable liquid used mainly in the manufacture of other chemicals. The commercial use of benzene as a solvent has practically been eliminated, however it continues to be used as a solvent and reactant in laboratories. Benzene is not expected to be present at the property

Arsenic is a heavy metal used historically in pesticides and herbicides. The primary use in building construction materials was its use in the wood preservative chromated copper arsenate (CCA). CCA has been used to pressure treat lumber since the 1940s. Pressure-treated wood containing CCA is no longer being produced for use in most residential settings. The buildings on the Site are of wood and brick construction and as such may contain pressure treated wood products.

Ethylene oxide is a colourless gas at room temperature. it has been used primarily for the manufacture of other chemicals, as a fumigant and fungicide and for sterilization of hospital equipment. The presence of ethylene oxide in the buildings on the Phase I Property is not anticipated.

Coke oven emissions are airborne contaminants emitted from coke ovens and are not a potential hazard associated with building construction materials and are not anticipated to be present on the Phase I Property.

Smoke detectors were observed in the five primary on-Site buildings during the inspection. Smoke detectors typically contain small quantities of radioactive materials.

Radon is a colourless, odourless, tasteless radioactive gas. It is formed by the natural breakdown of radium in soil and rock, as such, is continuously emitted from the ground. Potential health concerns may arise when the radon accumulates to excessive levels in an enclosed structure, such as a basement. It should be noted that an assessment of the building for radon gas was not included in the Phase I ESA however Radon surveys of homes in the region by the Peel Health Unit confirmed that Health Canada criteria were met at all buildings tested. Radon is not considered to comprise a concern at the property.

5.2.17 Mould

No evident water damage or mould was observed on the interiors of the on-Site buildings during the reconnaissance. A hazardous materials survey was not included in the scope of this Phase I ESA and it is recommended that a DSS be completed prior to demolition of the buildings.

5.2.18 Investigation of the Phase I Study Area

The adjacent land-uses at the time of the May, September 2018 site reconnaissance comprised:

North: Ann Street followed by a GO parking lot;

East: Park Street East followed by a parking lot;

South: a multi-storey apartment building and four level above-ground parking structure serving the apartment building with street-level commercial businesses facing Helene Street North to the south (variety store, hair salon, cell-phone repair, print shop);

West: Queen Street East followed by the Port Credit GO Station and railway track.

No unusual conditions were observed on the adjacent lands. It should be noted that observations were made from publicly accessible roadways and sidewalks.

Property use in the Phase I Study Area is primarily residential to the south and east, with the lands occupied by multi-storey apartment buildings. A residential area occupied by single-family homes is situated beyond the railway track to the west of the Site. Hurontario Street, which comprises a main thoroughfare with row-houses on its north side is situated to the north, beyond the GO parking lot is. Residential land-use occupies lands beyond the Phase I Study Area to the south, west, and north. Lakeshore Road East runs through a commercial area with stores and restaurants to the east of the Phase I Property.

No PCAs were observed within the Phase I Study Area during the site inspection.

The nearest water body comprises a small water course running parallel to the railway tracks on its west side, approximately 80 m northwest of the Site. Lake Ontario comprises the largest body of water near the site, situated at a distance of approximately 470 m southeast. Several sensitive species of flora and fauna were identified in the region, as discussed in Section 3.3.4; these species have not been observed in the area of the site for decades.

5.3 Enhanced Investigation Property

An enhanced investigation property is one that is being used or has been used, in whole or in part, in a manner described in clause 32 (1)(b) of O.Reg. 153/04, as amended. Property uses identified by clause 32 (1)(b) comprise:

- a garage;
- a bulk liquid dispensing facility, including a gasoline outlet; or
- the operation of dry-cleaning equipment.
- The Site is not currently and has not historically been used for any of the above purposes. As such, an enhanced investigation of the property is not required.

6 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses

Some development of the Phase I Property occurred in the mid 1850's at 78 Park Street East as presented in the Heritage Impact Assessment report. Further development occurred on the balance of the Phase I Property sometime after 1928. Historical records show that, at that time no structures were present on Ann Street with the exception of the residence at 78 Park Street East. At that time, surroundings lands to the south were occupied for residential purposes and a lumber mill was present to the north. The lands were divided into lots and developed further in the 1940's (as shown on successive aerial photographs). At this time between 1928 and 1958 the single-family dwellings occupied at 24, 26 and 28 Ann Street. Circa 1966, 22 Ann Street was occupied as a residential dwelling.

This residential property use has continued to present day.

6.2 Potentially Contaminating Activity

PCAs identified on the Site have been designated as:

PCA 1: the historical presence of heating oil ASTs at 78 Park Street East, 24, 26 and 28 Park Street East (MOECP PCA #28), all inferred to be located in the basements on the buildings and

PCA 2: the importation of fill material of unknown quantity and quality (MOECP PCA #30).

PCAs identified in the Phase I Study Area have been designated as:

PCA 3: petroleum and coal fuel from possible power production and/or vehicular refuelling activities at the former lumber mill that was formerly situated on the GO Station surface parking lot on north side of Ann Street (MOECP PCA #28);

PCA 4: rail activities including locomotive coaling from coal storage piles at the former CN rail facilities at Port Credit Station on the west side of Queen Street East (MOECP PCA #46) and

PCA 5: former dry-cleaning operations (if the establishment did not comprise a depot only) at ground level in the GO Parking structure at 27 Helene Street North (MOECP PCA #37).

6.3 Areas of Potential Environmental Concern

A total of five PCAs have been identified at and in the vicinity of the site. The rationale for whether or not these PCAs have resulted in APECs on the site is outlined below.

APECS associated with possible onsite PCAs include:

APEC 1: fuel contamination comprising F1 to F4 PHCs, BTEX and/or PAHs in soil and ground water in the general vicinity of former ASTs in residence basements due to possible losses heating oil. Based on the absence of staining evidence, sound condition of basement floor slabs and foundation walls, the likelihood of such contamination at the site is low.

APEC 2: groundwater contamination from dry cleaning fluids and their breakdown products that may have migrated in groundwater onto the central and eastern portion of the Phase I Property from a former dry-cleaning operation in the parking garage to the south of the west end of the Site. Given its small size, it is probable that the facility comprised a pickup and drop-off depot only, and thus contamination in groundwater would not be possible;

APEC 3: soil and, potentially, groundwater contamination on the north side of the property that may have migrated as dust or in groundwater from coal and/or petroleum fuel losses from fuel storage facilities on the former lumber mill on the north side of Ann Street. The presence of coal residues at shallow depths would be likely and may result in the presence of heavy metals and PAHs. The presence of hydrocarbon contamination in groundwater would be unlikely since the former lumber mill is downgradient from the Phase I property;

APEC 4: soil contamination, likely primarily on the western portion of the property due to fallout from windblown coal from coaling stockpiles at the former CN Rail yard at Port Credit Station and to possible spills or upsets during delivery. Contamination would be expected to comprise PAHs at concentrations somewhat above the SCS at shallow depths. The potential for F2 to F3 PHC contamination in groundwater due to spills on the CN rail lines is unlikely given the location of the station and absence of diesel refuelling facilities;

APEC 5: inorganics, heavy metals and/or PAH and F3 to F4 PHC contamination may be present in fill that was imported to the site for grading purposes and could be encountered from current grade down to the surface of native overburden at shallow depths across the majority of the Phase I property.

6.4 Phase I Conceptual Site Model

The Phase I Conceptual Site Model (CSM) for the Phase I Property is presented on Drawing No. 702865-2 in Appendix A at the rear of this report. The CSM covers the Phase I Property and Phase I Study Area and shows the locations of PCAs that may potentially affect the site and the APECs on the site that may have arisen as a consequence of one or more of those PCAs. The property uses in the Phase I Study Area are also shown.

The PCAs indicated on the CSM which may potentially have affected the Site are listed in Section 6.2 and include: the historical presence of heating oil AST's in the basement at 78 Park Street East and 24, 26 and 28 Ann Street; the former lumber mill operations on the property directly north of the Phase I property at the GO Parking Lot; former coal storage, coaling and railway activity at the CN station; the former dry cleaning establishment in the adjacent parking garage if it comprised a cleaning plant rather than a depot and the potential presence of fill from unknown sources that may have been imported to the site for grading for building construction purposes.

The APECs on the Phase I Property that are considered to have resulted from these PCAs are discussed in Section 6.3.

Potential contaminants of concern associated with the identified APECs include benzene, toluene, ethylbenzene, xylenes (BTEX), F1 to F4 fraction petroleum hydrocarbons (PHCs), volatile organic

compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs) and metals and inorganics. The potentially affected media include both soil and groundwater underlying the Site.

All five properties comprising the Site are serviced with electricity by Alectra Utilities via overhead lines. Overhead communication lines also connect to the six buildings. Water and sanitary sewer services are supplied to each building by the City of Mississauga via underground piping. The properties are also all serviced with natural gas supplied through buried lines.

Municipal water sanitary and possibly storm sewer lines could run below ground under the Site. Given the silty nature of the native overburden that is likely to underlie the property, any granular bedding materials that were placed in the service trenches during construction could provide preferential pathways for offsite contaminant migration of contaminants of concern from the Phase I property.

No significant uncertainties or absence of information on the use of the property since its first development circa 1850 that would affect the conclusions drawn or model prepared for the site were identified.

7 CONCLUSIONS

7.1 Impact of APECs on Future Use

PCAs identified on and offsite all comprise possible sources for APECs on the Phase I property. As discussed, onsite PCAs include former heating oil ASTs in the basements of 78 Park Street East and in 24 to 28 Anne Street and fill from some unknown source an all five properties while offsite PCAs comprise the dry-cleaning establishment at 27 Helene Street, which likely comprised a depot rather than a cleaning plant, coaling facilities at the former CN Port Credit railway station on Queen Street East and the former lumber yard on the northeast side of Ann Street.

Based on information from interviews with building owner/residents and observations on site, interior steel ASTs (possibly 900 L in capacity) connected to exterior filler pipes and breathers were likely located in building basements on the west side of the north corner of 78 Park Street East and 24 Ann Street, the east side of the south corner of 26 Ann Street and the south side of the east corner of 28 Ann Street. 22 Ann Street was reportedly never heated by fuel oil. No evidence of any spill residues or of distressed floor slabs or basement walls that could provide ready pathways for the migration of spilled tank contents to surrounding or underlying soil and groundwater was observed in any of the residences. Any fuel losses that might have occurred would be anticipated to have been limited to minor spillage during fuel deliveries and would not be expected have extended beyond the immediate vicinity of the filler pipes on the exterior walls of the houses. Furthermore, the effects would be expected to have been substantially reduced, if not eliminated over the years since heating oil usage terminated by intrinsic biodegradation from naturally occurring biota in the soil.

No visible evidence of fill placement was observed at the site although imported fill is known to have been placed on a number of properties in its general vicinity. It is thus prudent to consider that fill may have been placed to shallow depths.

The former dry-cleaning establishment in the parking garage upgradient of the Phase I property would only constitute a possible source of contamination that could migrate across the intervening property boundary on the site if it comprised an operating cleaning plant rather than a laundry drop off and pickup depot for commuters using the adjacent GO Station and local residents as would appear likely, given the limited size of the commercial units in the building.

Any contamination from locomotive tender coaling operations at the former CN Port Credit railway station on the Phase I property would primarily be associated with fallout of wind-blown coal dust and with tracking of spillage and from roadways and would be anticipated to extend to shallow depths in surficial fill and the surface of the underlying native soil, likely primarily at the west end of the property closest to the source at the rail station.

Potential contamination from the lumber mill would also be associated with windblown dust including coal and wold be expected to affect primarily the northern portion of the site. Although fuel oil usage would have been likely in later years of its operation and may have affected the Phase I property, the potential source area was situated at a location that is likely down gradient from the development site and thus such migration would have been unlikely.

Any environmental contamination at the site would be anticipated to be present primarily in surficial fill and at the surface of the underlying native soil to shallow depths below grade and to extend intermittently across the property, if present and will all be expected to be removed during boundary to boundary excavation for

construction purposes. Because all soil will have to be excavated and removed for offsite disposal for construction purposes down the bedrock surface, the environmental liability associated with any contamination that may be present will be restricted to the premium cost of disposal of the limited quantity of soil that exceeds the SCS, over and above the cost for tipping clean soil at a commercial fill site only. The presence of groundwater contamination associated with any of the PCAs is considered to be unlikely but, if present, would also be expected to be encountered in overburden only, due to the nature of the soil strata and bedrock groundwater gradients in the general vicinity of the property and would thus also be removed during the course of excavation for building construction purposes.

7.2 Whether a Record of Site Condition is Required

The Site is proposed to be redeveloped for residential intensification purposes with a 22-storey condominium building supported on 4.5 levels of underground parking planned to occupy the Site. Since all properties comprising the Phase I Property are zoned as residential, no change in land-use will occur during the course of redevelopment and thus it will not be necessary to file an RSC

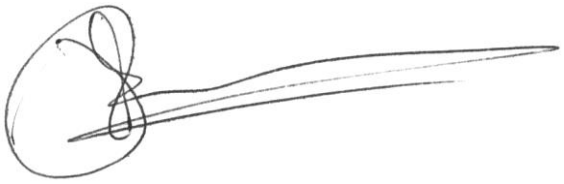
7.3 Signatures

The data review, site reconnaissance, and interviewing for this Phase I ESA program was undertaken by Ms. Lovina Pereira. This report was prepared by Ms. Pereira and reviewed by Mr. R.B. German, P.Eng., $QP_{(ESA,RA)}$. Qualifications and technical experience of the site assessors are included in Appendix G.

Mr. German is designated as a qualified person (QP) with respect to the preparation of Phase One and Two Environmental Site Assessments and making all necessary certifications for filing an RSC with the MOECC in accordance with the provisions of Sections 5(a), (b) and (c) of O. Reg. 153/04, as amended.

Respectfully submitted,

ARCADIS Canada Inc.



R.B. German, P. Eng., $QP_{(ESA, RA)}$

Senior Principal

Lovina Pereira, M. Sc., P. Eng.

Environmental Engineer

8 REFERENCES

Canadian Standards Association Z768-01, *Phase I Environmental Site Assessment*, Update No. 1, dated April 2003.

Inventory of Coal Gasification Plant Waste Sites, Volume 1, prepared for Ontario Ministry of the Environment, Waste management Branch, 40 St. Clair Avenue West, Toronto, Ontario, prepared by Intera Technologies, Ltd, Ottawa, dated April 1987.

Map: *Bedrock Geology of Ontario,* prepared by The Precambrian Geoscience Section, Ontario Geological Survey, dated 2011.

Map: *Quarternary Geology of Ontario*, prepared by the Ontario Geological Survey, dated 2000.

Map: *Surficial Geology of Southern Ontario*, prepared by the Ontario Geological Survey, dated 2010.

Map: *Ontario Geotechnical Boreholes*, prepared by Ontario's Ministry of Northern Development and Mines, updated regularly, accessed in March 2018.

Ontario Regulation 153/04, made under Environmental Protection Act, (Records of Site Condition — Part XV.1 of the Act) Consolidation Period: From January 1, 2014.

Ontario Regulation 511/09 made under the Environmental Protection Act, Amending O. Reg 153/04 (Records of Site Condition – Part XV.1 of the Act), filed December 29, 2009.

Waste Disposal Site Inventory, prepared by Ontario Ministry of the Environment, Waste management Branch, 40 St. Clair Avenue West, Toronto, Ontario, dated June 1991.

Heritage Impact Assessment of 78 Park Street East, Mississauga, Ontario, Stevens Burgess Architects Ltd. (SBA), dated February 23, 2018

9 USE AND LIMITATIONS OF THIS PHASE I ESA UPDATE REPORT

The Phase I ESA scope of work involves inspection and the recording of readily observable environmental conditions on the Site that were available for direct observation at the time of the site visit and provides preliminary professional opinions about the likely environmental status of these portions of the Site based on our observations and experience, as well as by reference to historical records prepared by others. The Phase I ESA reports on conditions on the date the work was performed (May and September 2018) and, as site conditions and other information presented can change, the Phase I ESA findings and interpretations may be altered with time.

The scope of a Phase I ESA inspection does not include systematic sampling and analysis of soil, groundwater or other materials. A Phase I ESA does not therefore provide definitive conclusions as to subsurface conditions and in particular whether these are within regulatory guidelines for soil and groundwater; nor can the potential for environmental issues be evaluated in inaccessible areas. Unless specifically requested by the client, a Phase I ESA does not include the testing of building materials or waste materials in on-site tanks or containers nor does it verify the completeness or accuracy of historical records referenced, e.g., as to historical uses on and around the Site and historical environmental incidents, if any, which could provide further insights into site conditions.

Due to these limitations on the scope of work for a Phase I ESA, it is possible that environmental conditions which affect the use or value of the Site are not referred to in this report. The Phase I ESA usually can only describe the likelihood of contamination being present or absent at a property. It is intended to reduce, but not necessarily eliminate, uncertainty regarding the potential for contamination of a property. Where this potential has been identified, the further reduction or elimination of uncertainty requires the performance of a Phase II ESA.

This report has been prepared by Arcadis Canada Inc. for Edenshaw Management Limited. Arcadis Canada Inc. accepts no liability, whether in negligence, contract, or arising on any other basis for damages or for indemnification arising from decisions or actions by others based on this report.

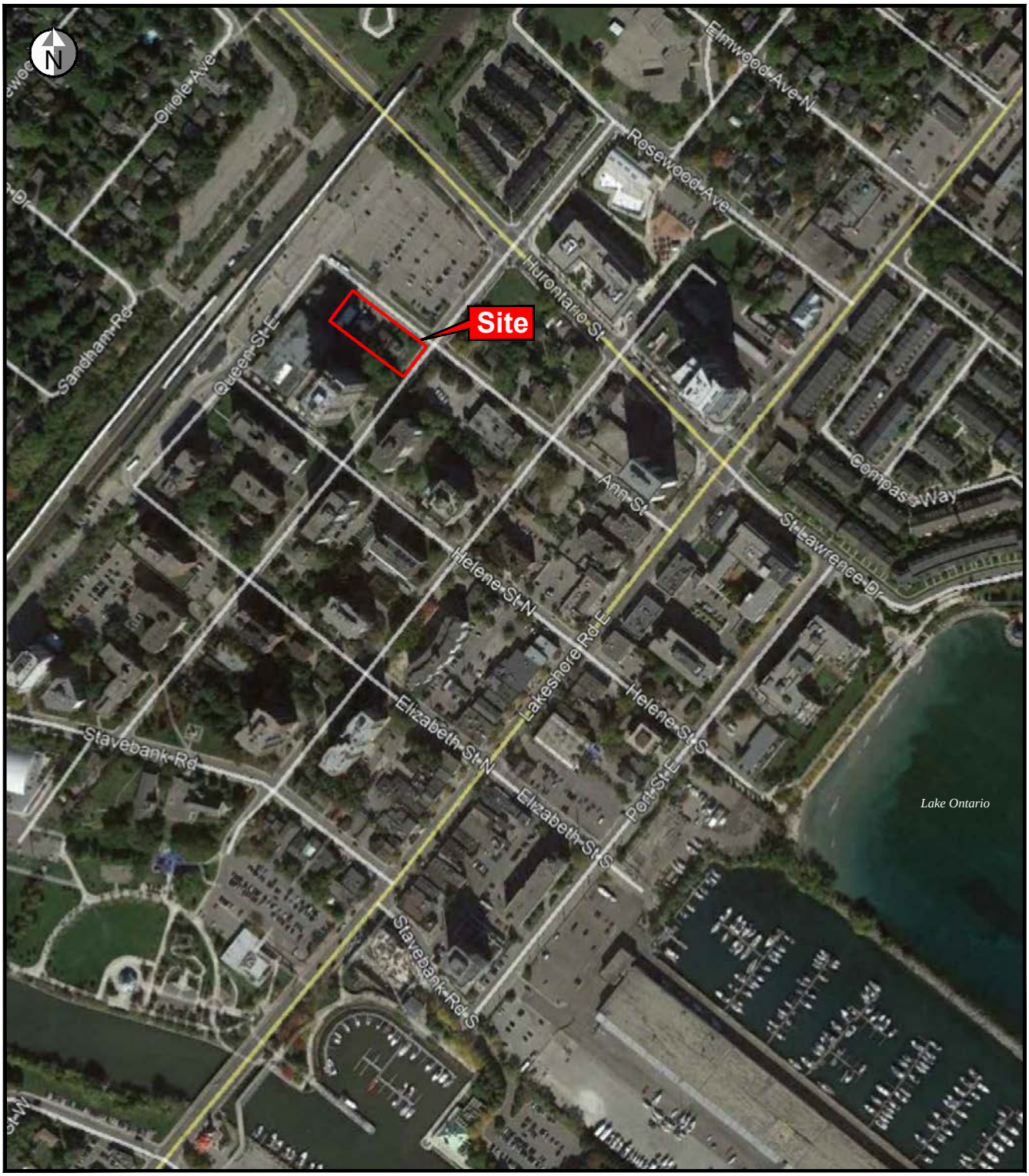
APPENDIX A

Figures and Drawings

ARCADIS Design & Consultancy for natural and built assets

Figure 1
Key Plan

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON



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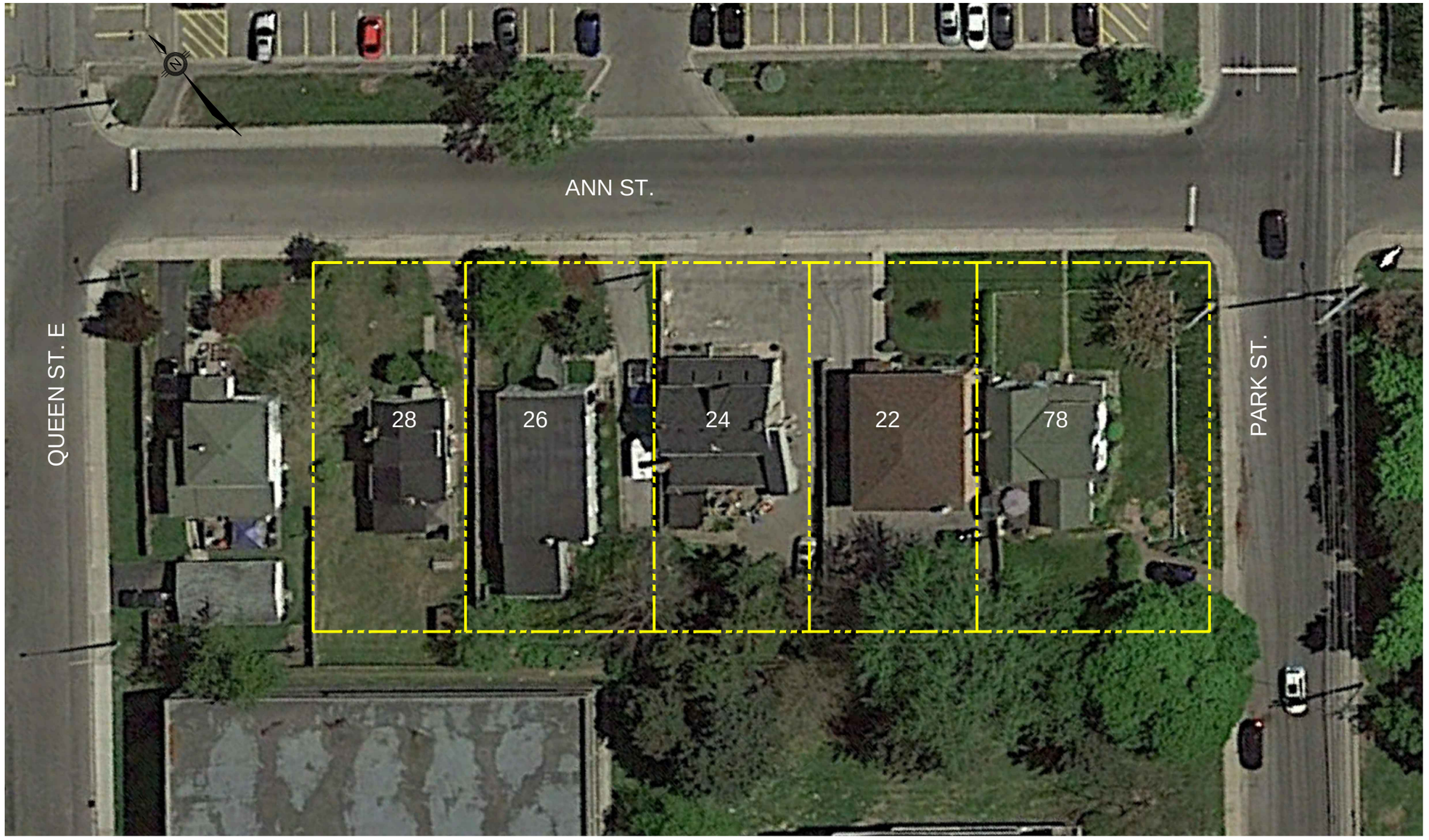

KEY PLAN

LEGEND:

PROPERTY LINE

Ref: 2015 Google Earth Photograph

0 20 metres

SCALE 1:400

ARCADIS

EDENSHAW DEVELOPMENTS LTD.

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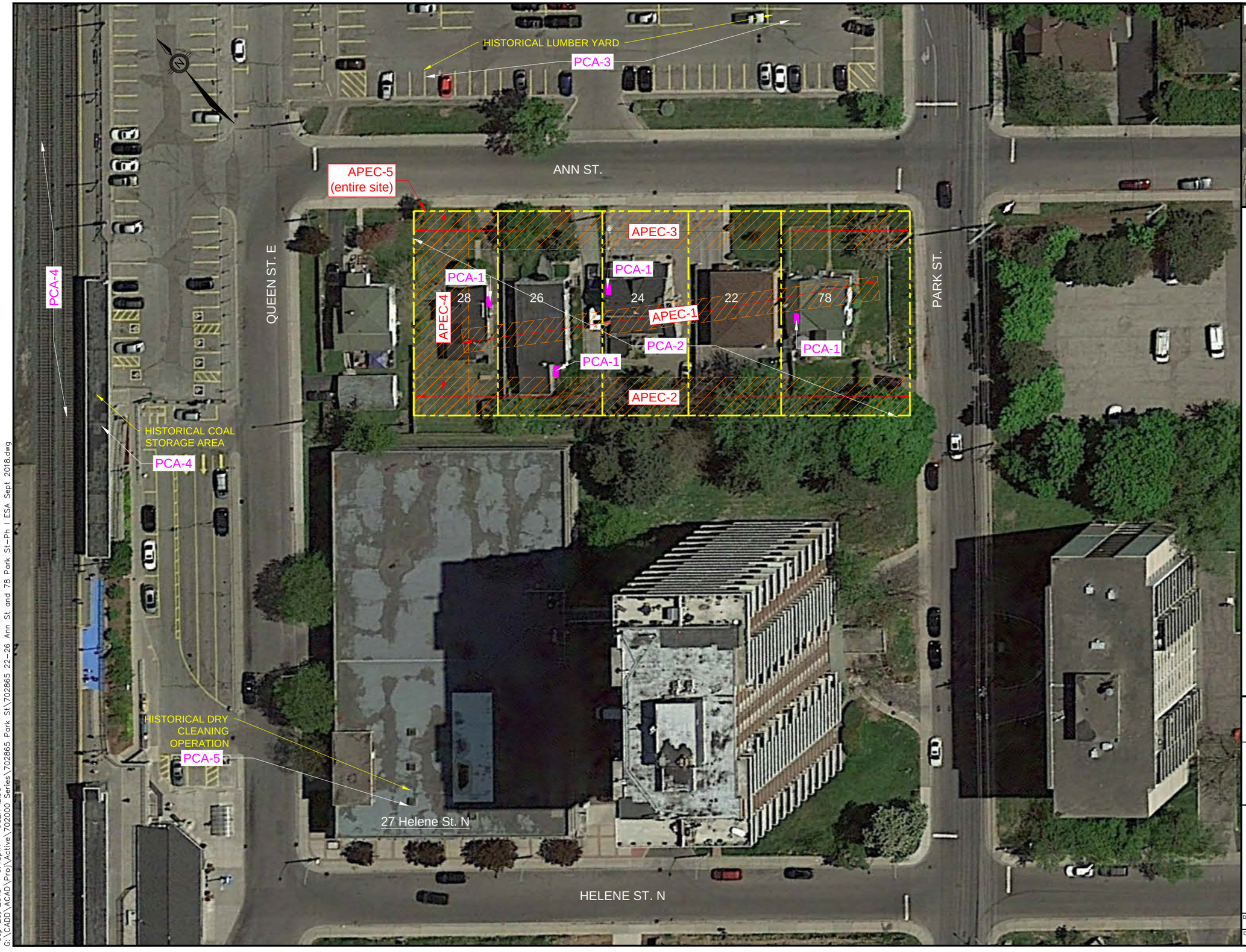
22, 24, 26 and 28 ANN ST. AND 78 PARK ST. E.
MISSISSAUGA, ON

SITE LAYOUT PLAN

Drawn By: I.S.Z.	Approved By: R.B.G.	Project No: 702865
Date: SEPT. 2018	Scale: AS SHOWN	Drawing No: 702865-1



KEY PLAN

LEGEND:

PROPERTY LINE

POTENTIAL CONTAMINATING ACTIVITIES (PCAs)	
PCA-1	Former heating oil AST's at 78 Park Street East, 24, 26 and 28 Ann Street
PCA-2	Importation of fill material of unknown quality and quantity during Site development
PCA-3	Petroleum and coal fuel from possible former power production and/or vehicular refueling activities (Lumber Mill)
PCA-4	Rail yard activity: Historical coal storage, presence of particulate coal, historical spills on the rail line
PCA-5	Former presence of dry cleaning operation at 27 Helene Street North

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECs)	
APEC-1	Soil and groundwater contamination due to former presence of heating oil AST's at the Site
APEC-2	Impacts to south property boundary due to former dry cleaning operation on the property abutting to the south
APEC-3	Impacts to northern property boundary due to former lumber mill yard on the north adjacent
APEC-4	Impacts to western property boundary due to former historical coal storage
APEC-5	Importation of fill of unknown quality and quantity

0 30 metres

SCALE 1:600

ARCADIS

EDENSHAW DEVELOPMENTS LTD.

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22, 24, 26 and 28 ANN ST. AND 78 PARK ST. E.
MISSISSAUGA, ON

CONCEPTUAL SITE MODEL

Drawn By: I.S.Z.	Approved By: R.B.G.	Project No: 702865	
Date: SEPT. 2018	Scale: AS SHOWN	Drawing No: 702865-2	

Sep 25, 2018 – 3:18pm – USER izba
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APPENDIX B

Site Photographs

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 1

Date:
Sept. 11, 2018

Description:
Exterior of buildings,
78 Park Street on left, 22 Ann Street on right

Location:
22 Ann Street, looking southeast from Ann Street

Photo: 2

Date:
Sept. 11, 2018

Description:
Exterior, rear of the building at 22 Ann Street

Location:
22 Ann Street, looking northwest

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

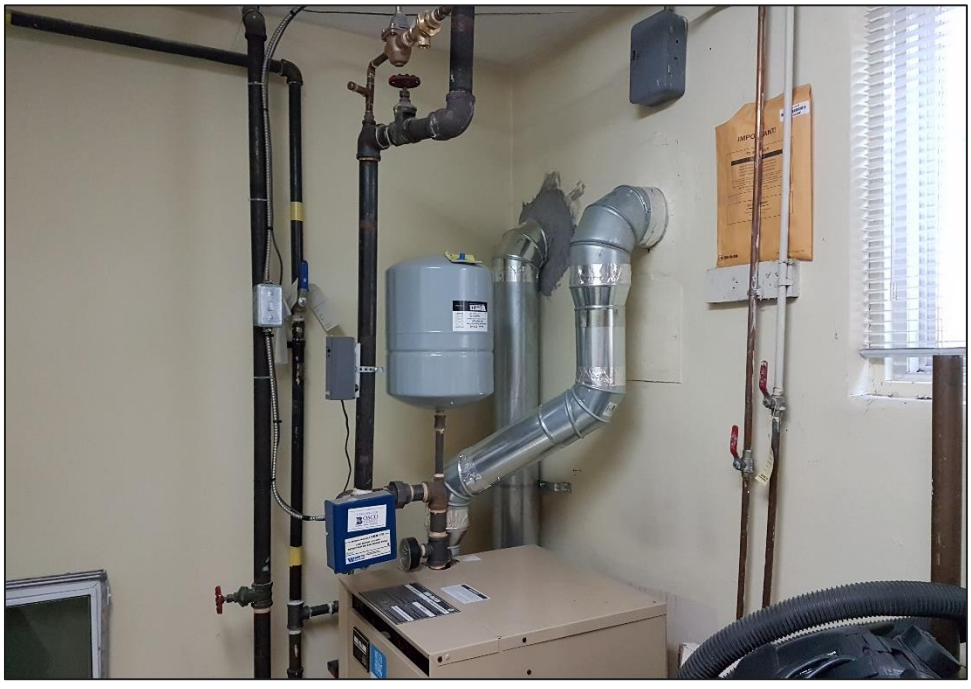


Photo: 3

Date:
Sept. 11, 2018

Description:
Interior of 22 Ann Street, Furnace/laundry area showing the hot water gas unit

Location:
22 Ann Street, looking southeast from Ann Street

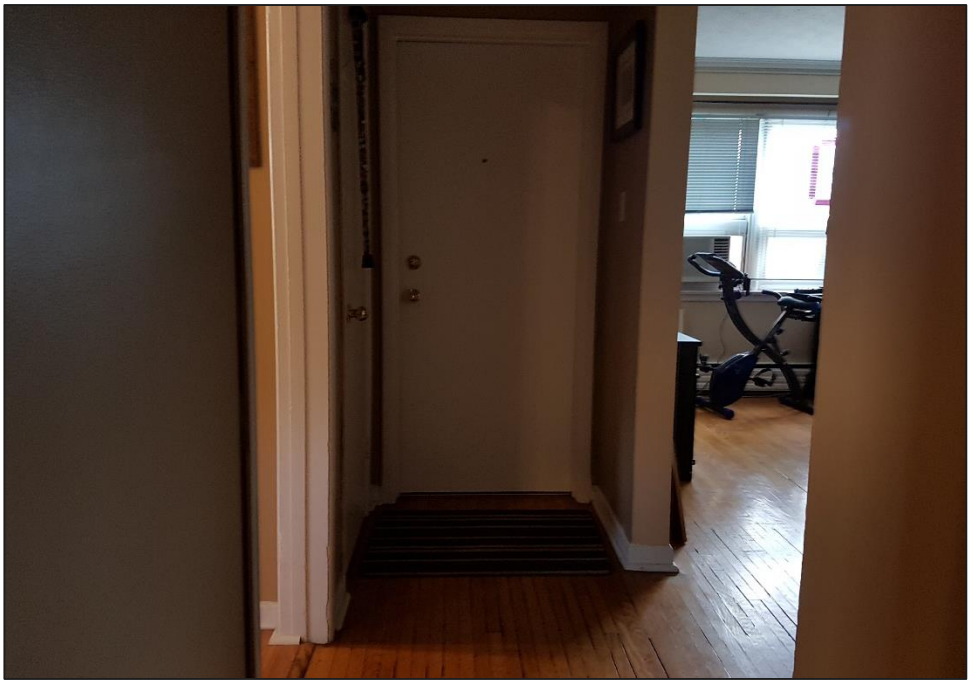


Photo: 4

Date:
Sept. 11, 2018

Description:
Interior of building at 22 Ann Street, showing the corridor and living area on the Ground Floor

Location:
22 Ann Street, Ground Floor

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

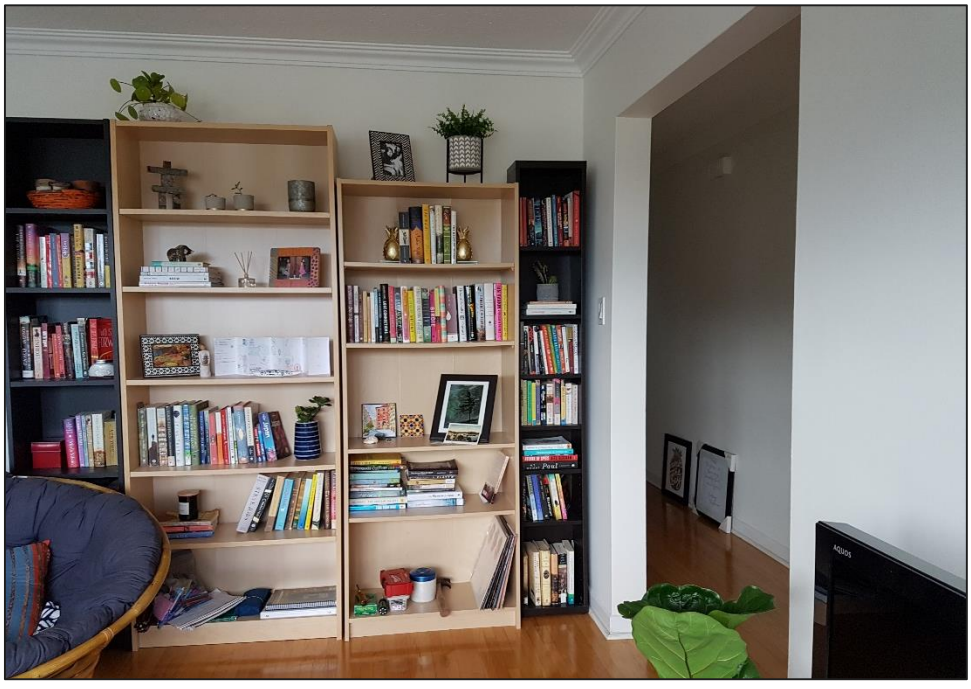


Photo: 5

Date:
Sept. 11, 2018

Description:
Interior of 22 Ann Street,
Living area and the corridor on the First floor.

Location:
22 Ann Street, First Floor

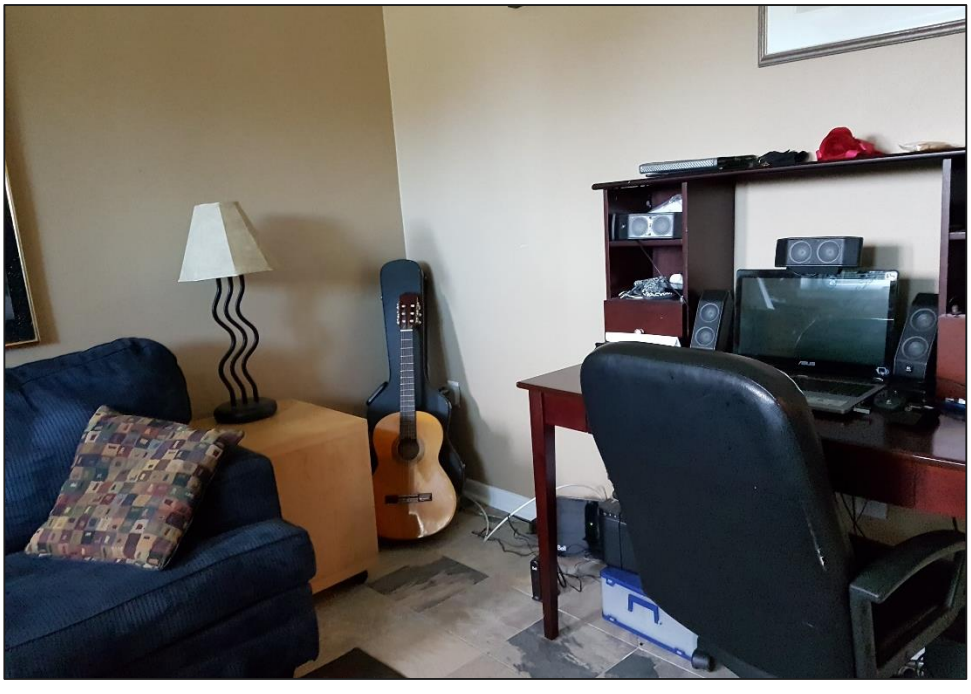


Photo: 6

Date:
Sept. 11, 2018

Description:
Interior of building at 22 Ann Street, showing the living area in the basement

Location:
22 Ann Street, Basement

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 7

Date:
Sept. 11, 2018

Description:
Exterior of 24 Ann Street, east side of the building showing the corridor going to the backyard.

Location:
24 Ann Street,

Photo: 8

Date:
Sept. 11, 2018

Description:
Exterior of the building at 24 Ann Street, showing the front entrance

Location:
22 Ann Street, Basement

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 9

Date:
Sept. 11, 2018

Description:
Interior of of 24 Ann Street, showing an electric furnace in the living room on the first floor of the building.

Location:
24 Ann Street, First Floor

Photo: 10

Date:
Sept. 11, 2018

Description:
Interior of the building at 24 Ann Street, showing the living area on the ground floor

Location:
22 Ann Street, Ground Floor

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

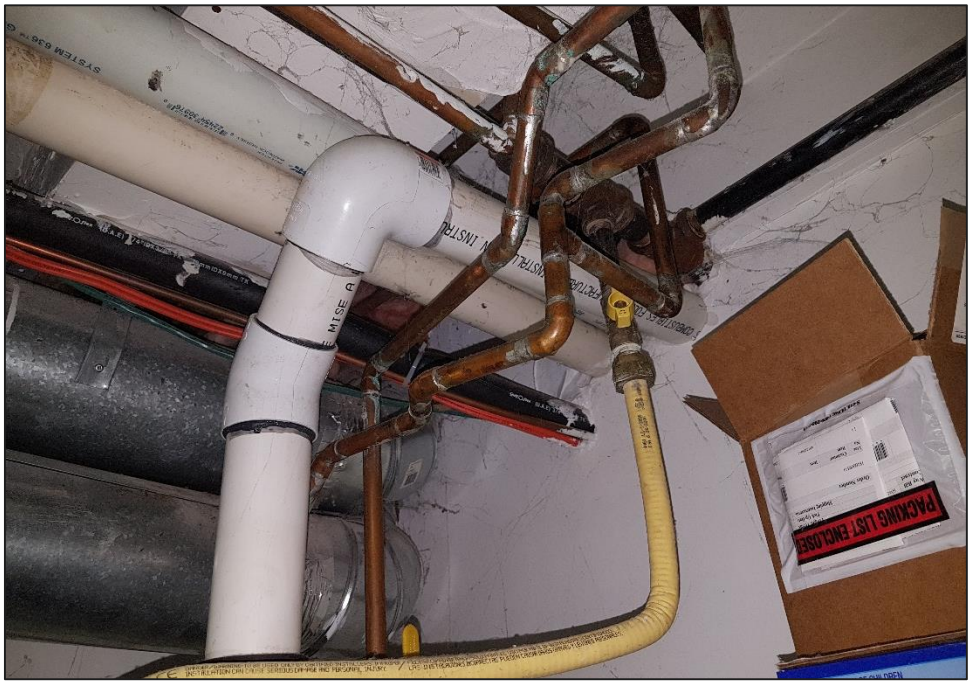


Photo: 11

Date:
Sept. 11, 2018

Description:
Furnace/ Laundry room in the basement, pipe penetrations on the western wall are visible.

Location:
24 Ann Street, Basement

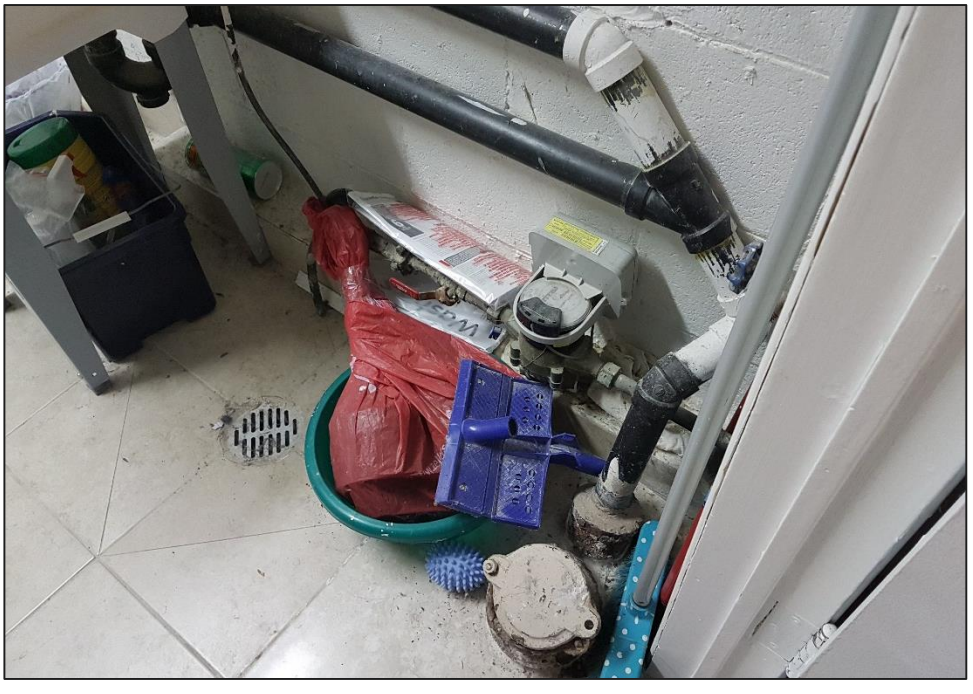


Photo: 12

Date:
Sept. 11, 2018

Description:
Furnace / Laundry room in the basement. The floor drain is visible

Location:
24 Ann Street, Basement

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 13

Date:
Sept. 11, 2018

Description:
Exterior of the building showing the piping exiting out of the wall (western wall).

Location:
24 Ann Street, western side of the building

Photo: 14

Date:
Sept. 11, 2018

Description:
Air conditioning unit on the west side of the building

Location:
24 Ann Street

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 15

Date:
Sept. 13, 2018

Description:
Exterior of the building at 26 Ann Street.

Location:
26 Ann Street, northern side of the building

Photo: 16

Date:
Sept. 13, 2018

Description:
Storage Room- Area showing former AST piping on southeastern wall of the building

Location:
26 Ann Street

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 17

Date:
Sept. 13, 2018

Description:
Furnace Room- Showing the piping on the wall .

Location:
26 Ann Street, northern side of the building

Photo: 18

Date:
Sept. 13, 2018

Description:
West of the building- Gas meter connection

Location:
26 Ann Street

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

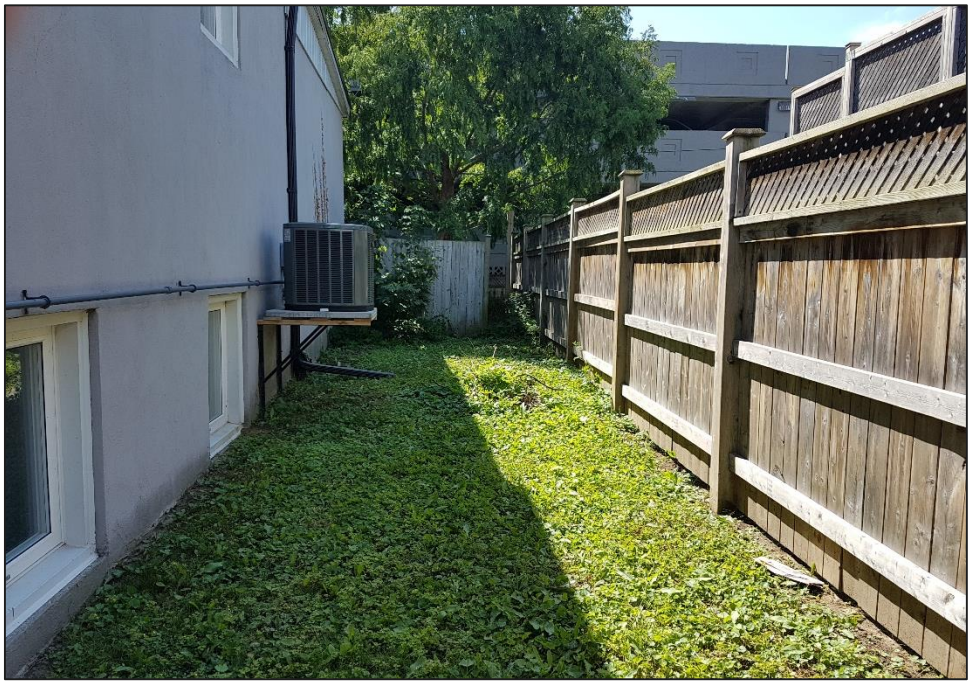


Photo: 19

Date:
Sept. 13, 2018

Description:
West portion of the building- showing the air conditioning unit.

Location:
26 Ann Street, photograph facing south

Photo: 20

Date:
Sept. 13, 2018

Description:
Photograph showing the breather pipe on the southeast wall of the building.

Location:
26 Ann Street

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 21

Date:
Sept. 13, 2018

Description:
Exterior of building at 28 Ann Street

Location:
28 Ann Street, photograph facing south

Photo: 22

Date:
Sept. 13, 2018

Description:
Basement- Location of former AST on the northeast side of the wall

Location:
28 Ann Street

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

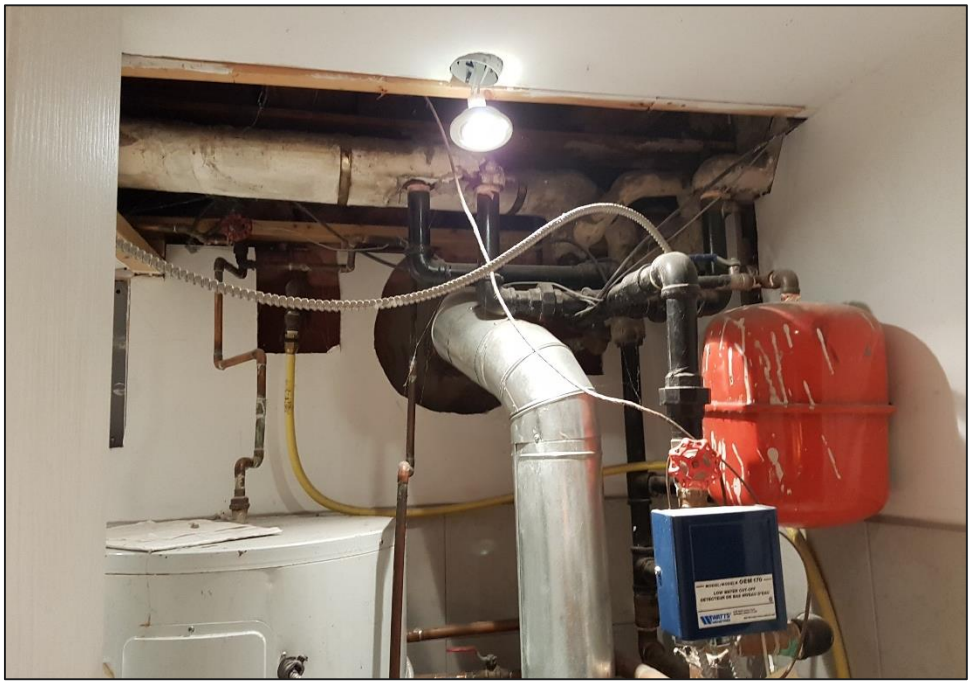


Photo: 23

Date:
Sept. 13, 2018

Description:
Furnace room- Photograph showing the piping insulation located in the basement.

Location:
28 Ann Street, basement

Photo: 24

Date:
Sept. 13, 2018

Description:
Ground floor- Photograph showing the wall mounted air conditioning unit.

Location:
28 Ann Street

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 25

Date:
Sept. 13, 2018

Description:
Living Room- showing the wood fired furnace.

Location:
28 Ann Street, Ground Floor

Photo: 26

Date:
Sept. 13, 2018

Description:
Exterior (East Wall)- Photograph showing the former breather pipe location.

Location:
28 Ann Street

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 27

Date:
Sept. 13, 2018

Description:
Exterior- Photograph showing the backyard with the shed.

Location:
28 Ann Street

Photo: 28

Date:
Sept. 13, 2018

Description:
Exterior- Photograph showing the west side of the Phase I Property.

Location:
28 Ann Street

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 29

Date:
Sept. 11, 2018

Description:
Exterior- Photograph showing the house and the front yard.

Location:
78 Park Street East

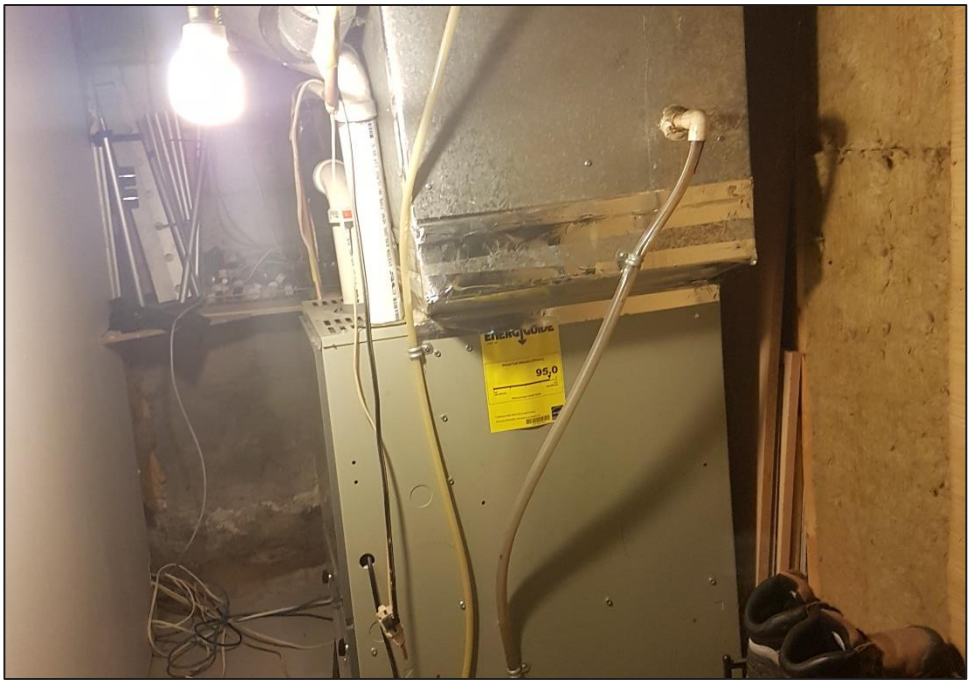


Photo: 30

Date:
Sept. 11, 2018

Description:
Interior- Photograph showing the natural gas furnace in the basement.

Location:
78 Park Street East

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 31

Date:
Sept. 11, 2018

Description:
Interior- Photograph showing the floor drain in the basement.

Location:
78 Park Street East

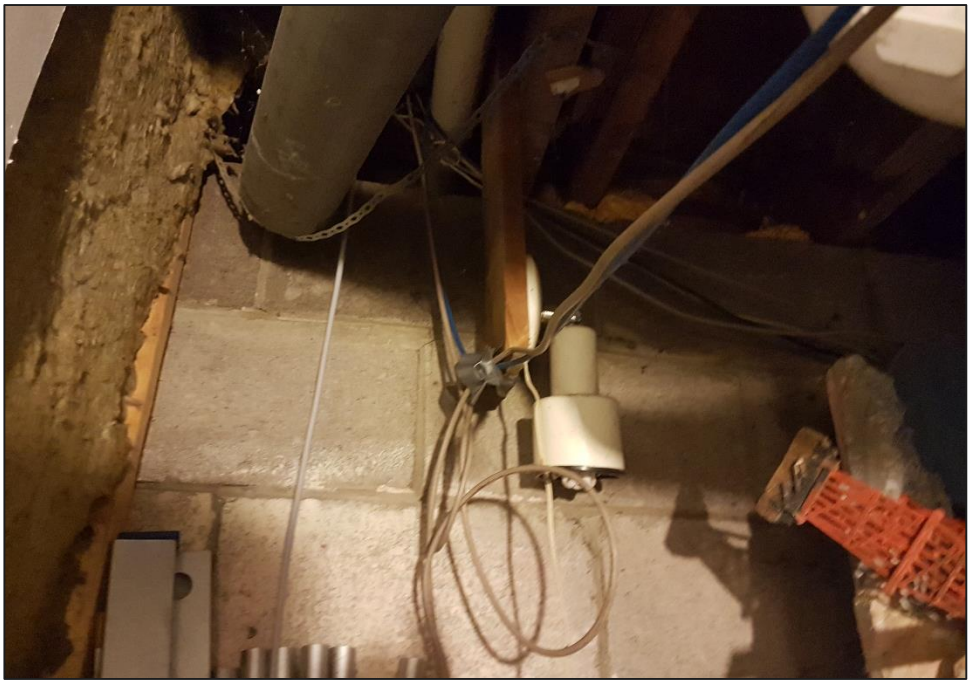


Photo: 32

Date:
Sept. 11, 2018

Description:
Interior- Photograph showing the piping on the wall in the basement.

Location:
78 Park Street East

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 33

Date:
Sept. 11, 2018

Description:
Interior- Photograph showing the insulation in the attic.

Location:
78 Park Street East

Photo: 34

Date:
Sept. 11, 2018

Description:
Exterior- Photograph showing the exhaust pipe and possible location of breather pipes.

Location:
78 Park Street East

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 35

Date:
Sept. 11, 2018

Description:
Exterior- Photograph showing the gas meter near the fence in the backyard.

Location:
78 Park Street East

Photo: 36

Date:
Sept. 11, 2018

Description:
Exterior- Photograph showing the shed in the backyard mostly used for storage of garden supplies.

Location:
78 Park Street East

Project Photographs

702865-000-1 Phase One ESA
22, 24, 26 and 28 Ann Street,
78 Park Street East
Mississauga, Ontario

Photo: 37

Date:
Sept. 11, 2018

Description:
Exterior- Photograph showing the rear of the building.

Location:
78 Park Street East

Photo: 38

Date:
Sept. 11, 2018

Description:
Exterior- Photograph showing the location of garbage bins.

Location:
78 Park Street East

APPENDIX C

Aerial Photographs

ARCADIS Design & Consultancy for natural and built assets

Appendix A
1931 Aerial Photo

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON

Source: National Air Photo Library

Appendix A
1946 Aerial Photo

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON

Source: National Air Photo Library

Appendix A
1954 Aerial Photo

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON

Source: National Air Photo Library

Appendix A
1966 Aerial Photo

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON

Source: National Air Photo Library

Appendix A
1975 Aerial Photo

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON

Source: National Air Photo Library

Appendix A
1980 Aerial Photo

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON

Source: National Air Photo Library

Appendix A
1985 Aerial Photo

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON

Source: National Air Photo Library

Appendix A
1992 Aerial Photo

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON

Source: National Air Photo Library

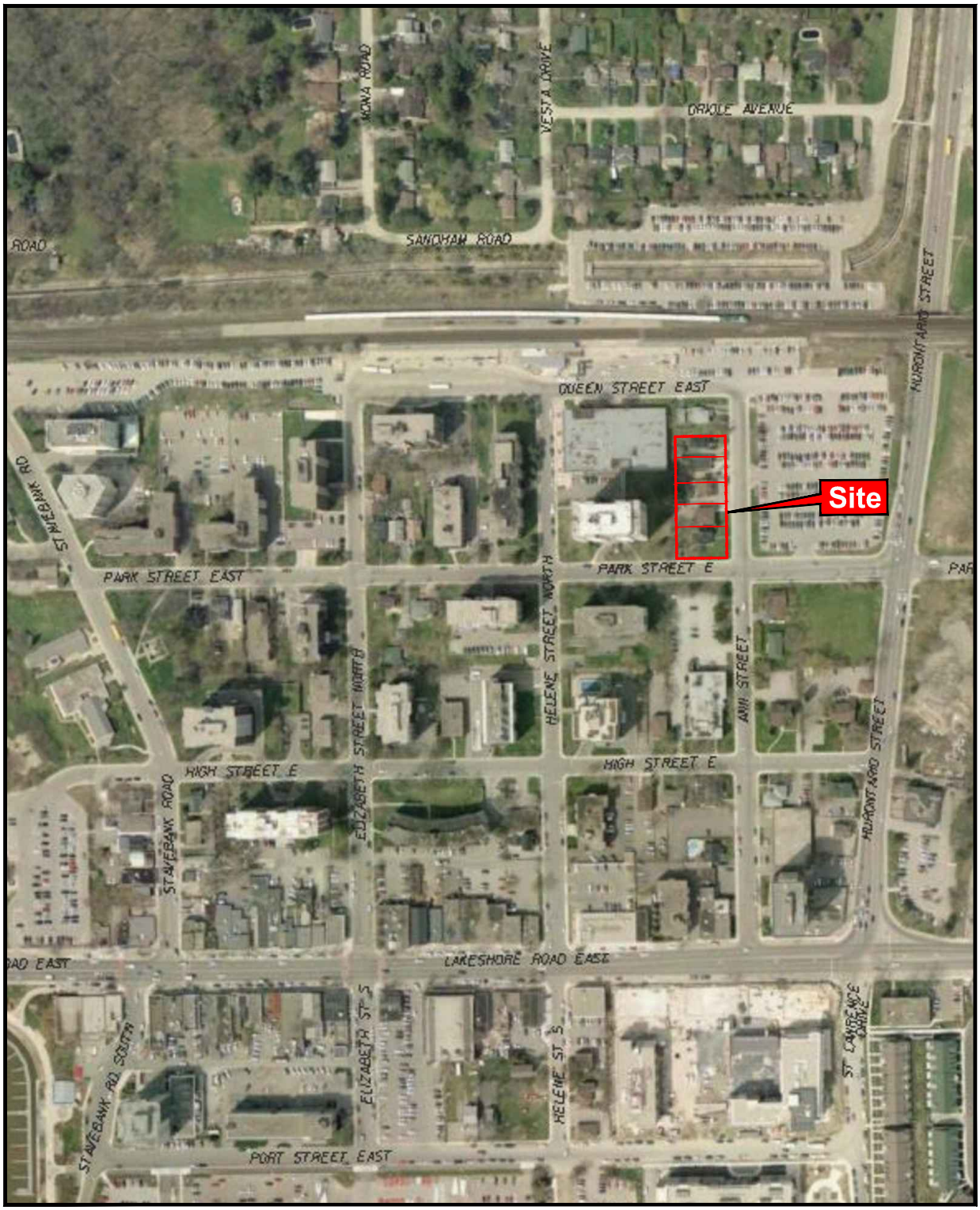
Appendix A
1999 Aerial Photo

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON

Source: National Air Photo Library

Appendix A
2004 Aerial Photo

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON



Source: National Air Photo Library

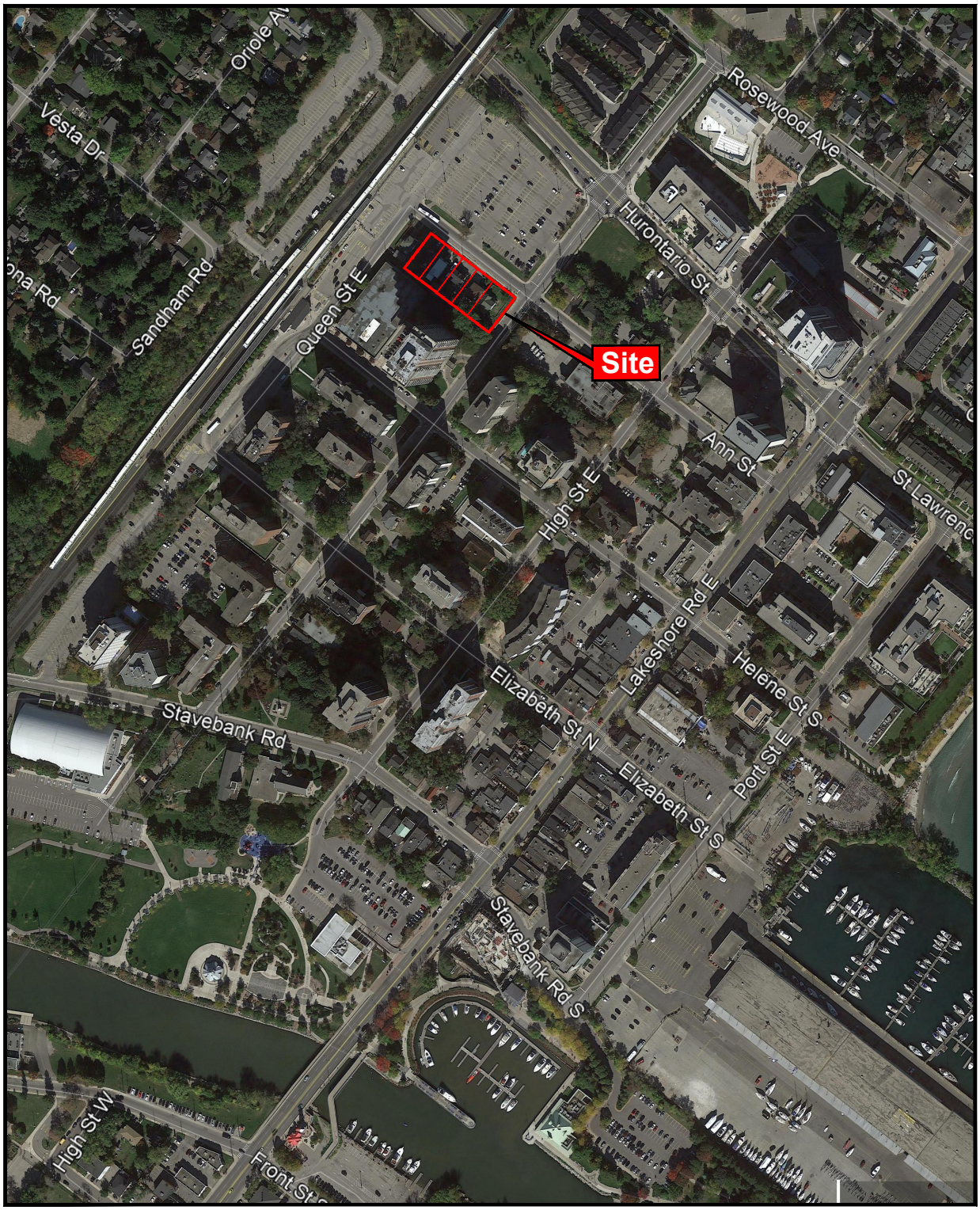
Appendix A
2015 Aerial Photo

Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON

Source: National Air Photo Library

Appendix A
2016 Aerial Photo

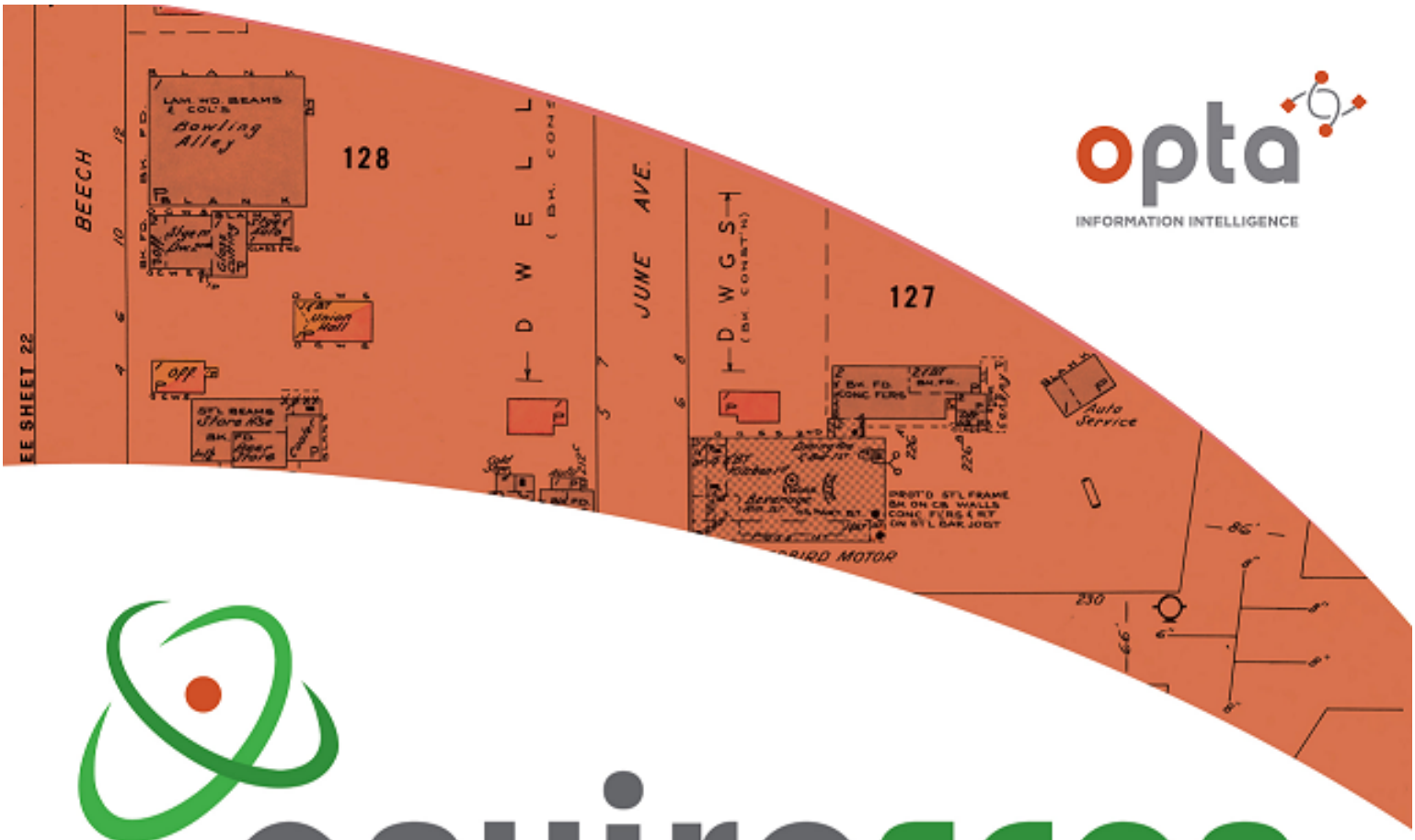
Phase I ESA
22, 24, 26 and 28 Ann St. &
78 Park St. E, Mississauga, ON



Source: National Air Photo Library

APPENDIX D

Fire Insurance Plans and Reports



opta
INFORMATION INTELLIGENCE

enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Sunita

Site Address:

24 Ann Street Mississauga Ontario

Project No:

20180426226

Opta Order ID:

48436

Requested by:

ELEANOR Goolab
ECOLOG ERIS

Date Completed:

5/10/2018 9:46:34 AM

Project Name: Ann StPark St E Phase I ESA

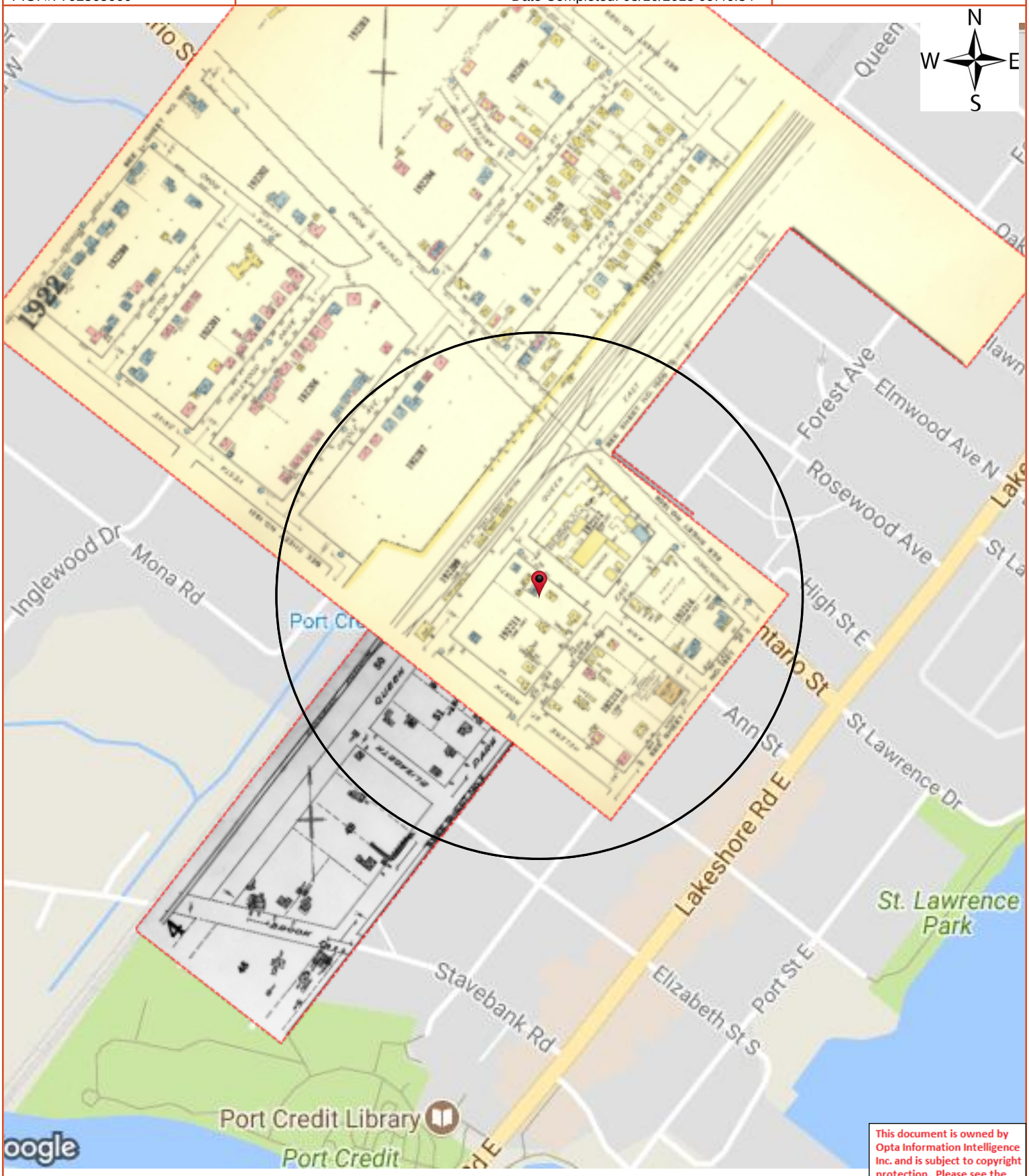
Project #: 20180426226
P.O. #: 702865000

ENVIROSCAN Report

Search Area: 24 Ann Street Mississauga Ontario

Requested by:
ELEANOR Goolab
Date Completed: 05/10/2018 09:46:34

enviroscan
OPTA INFORMATION INTELLIGENCE



Opta Historical Environmental Services Enviroscan™ Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

ENVIROSCAN Report

Report Index

OPTA INFORMATION INTELLIGENCE

Page	Report Title
6	(1928) Volume: Port Credit Firemap: 4
8	(1952) Volume: Toronto Volume 19 Firemap: 1922

N
W E
S

Project Name: Ann StPark St E Phase I ESA

Project #: 20180426226
P.O. #: 702865000

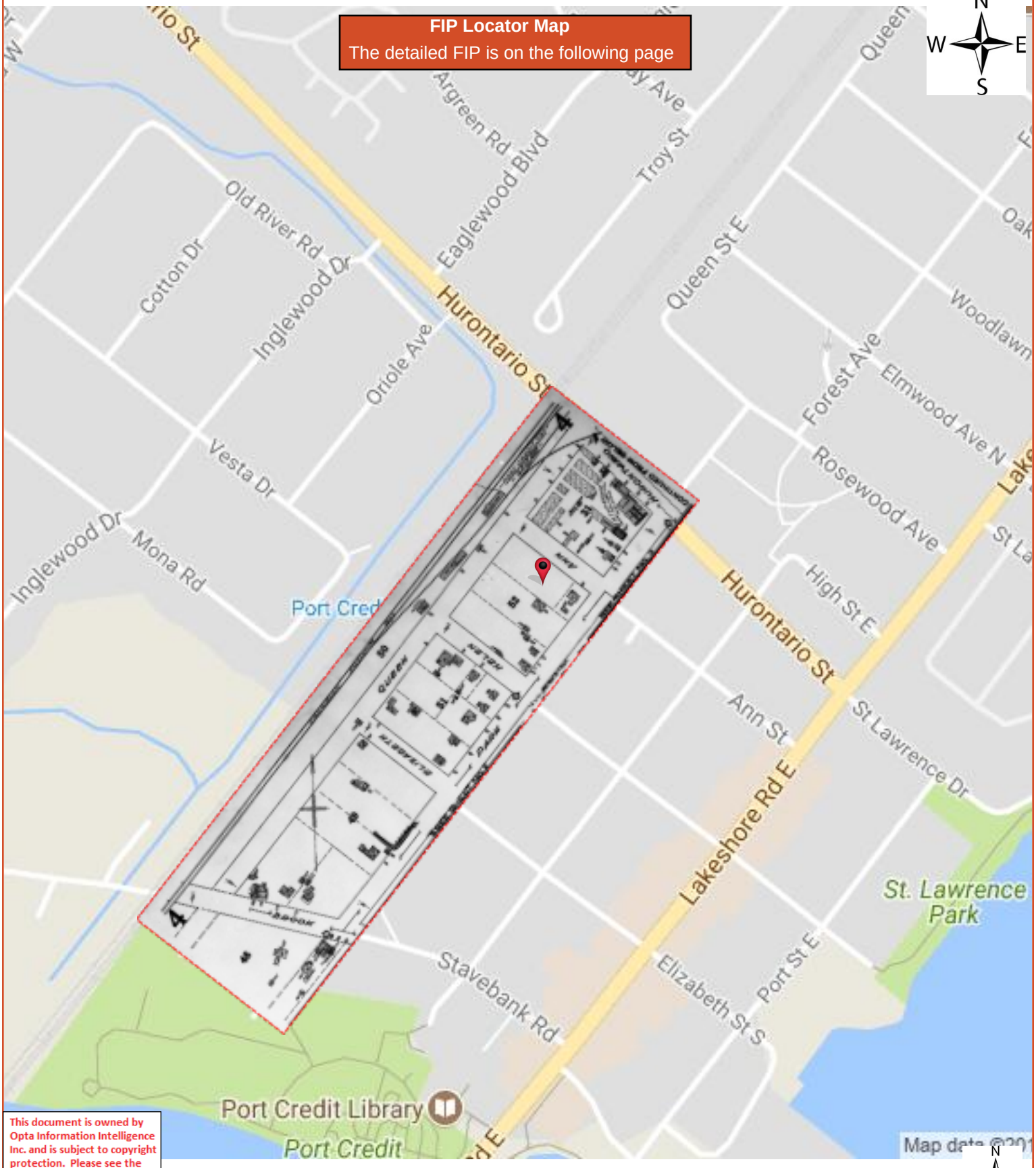
ENVIROSCAN Report

1928 Volume: Port Credit Firemap: 4
Port Credit Plan: 1565 (1928)
Sheet: 4 (1928)

Requested by:
ELEANOR Goolab
Date Completed: 05/10/2018 09:46:34

enviroscan
OPTA INFORMATION INTELLIGENCE

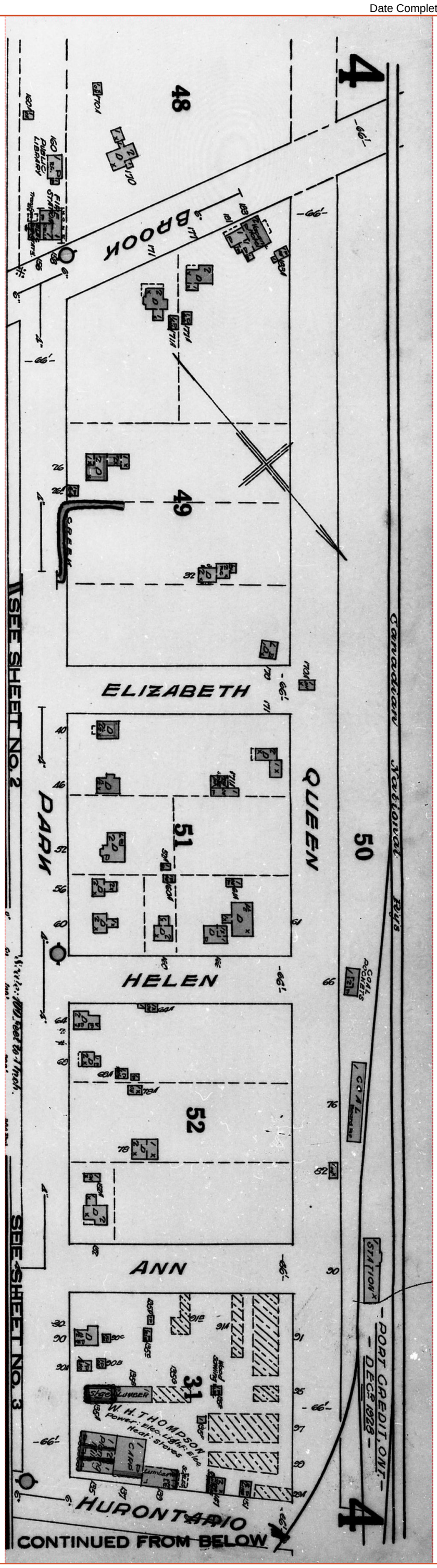
FIP Locator Map
The detailed FIP is on the following page



ENVIROSCAN Report

1928 Volume: Port Credit Firemap: 4
Port Credit Plan: 1565 (1928)
Sheet: 4 (1928)

Requested by:
ELEANOR Goolab
Date Completed: 05/10/2018 09:46:34



Project Name: Ann StPark St E Phase I ESA

Project #: 20180426226
P.O. #: 702865000

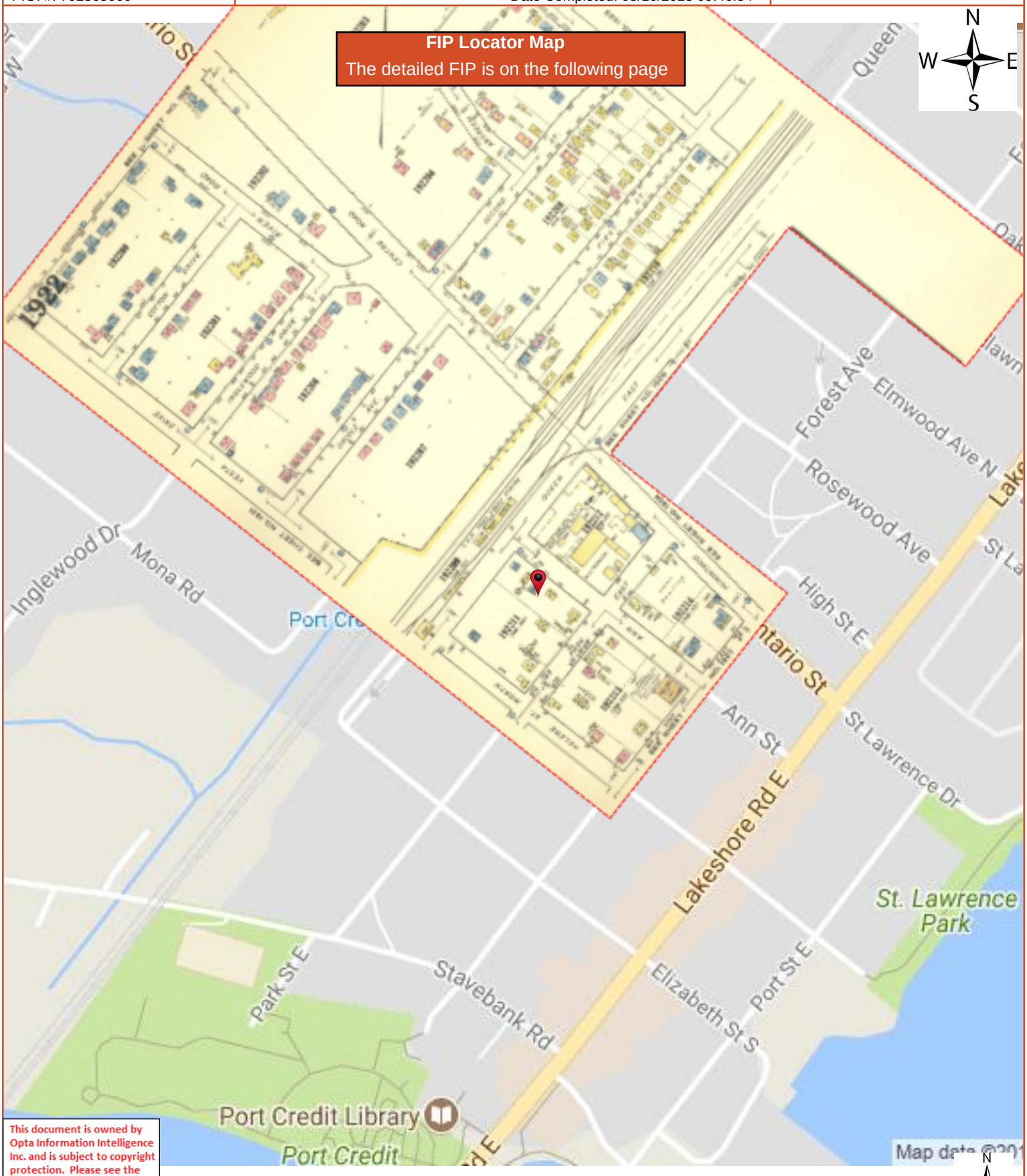
ENVIROSCAN Report

1952 Volume: Toronto 19 Firemap: 1922
Toronto Vol. 19 Plan: 2180 (1952)
Sheet: 1922 (1952)

Requested by:
ELEANOR Goolab
Date Completed: 05/10/2018 09:46:34

enviroscan
OPTA INFORMATION INTELLIGENCE

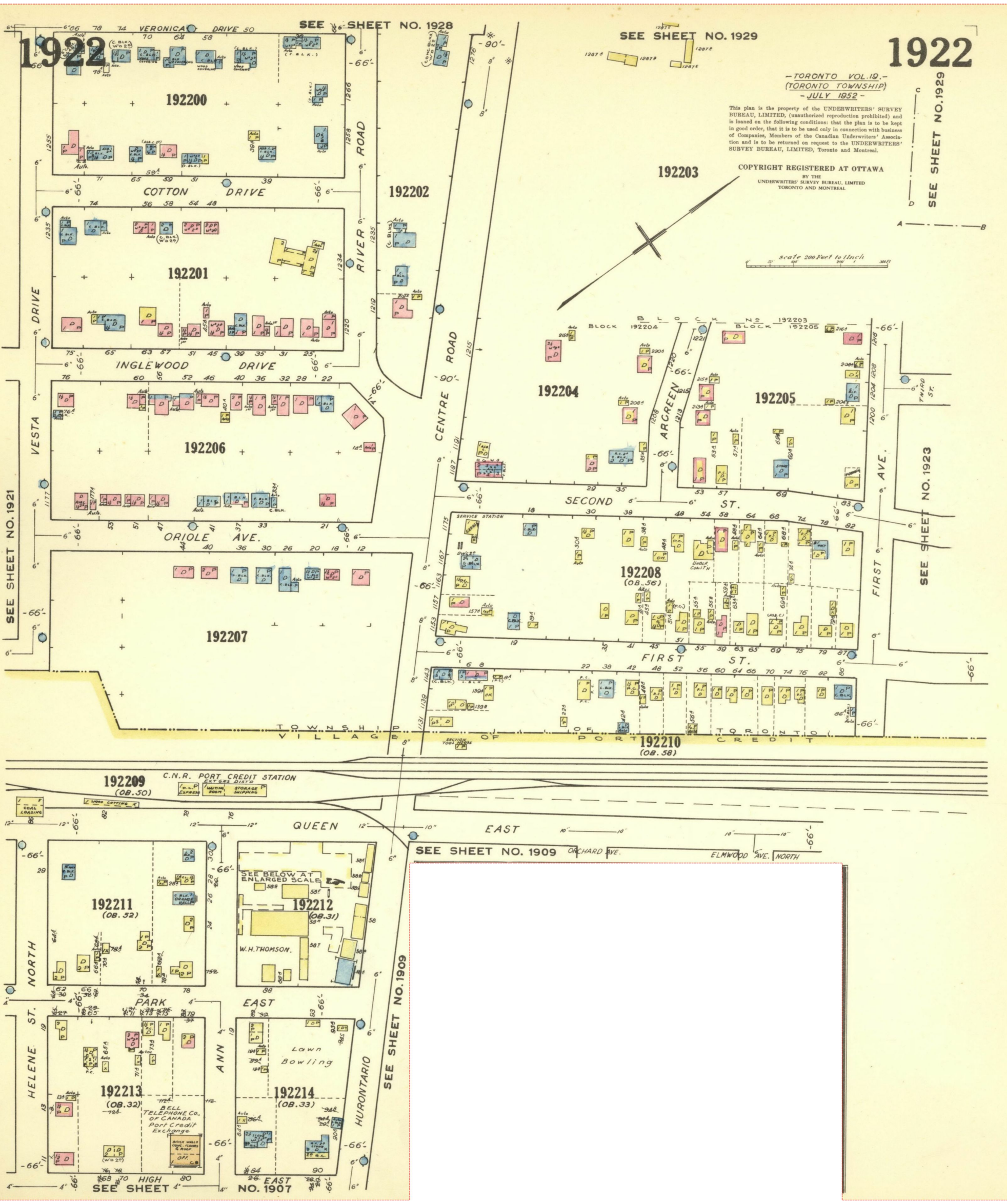
FIP Locator Map
The detailed FIP is on the following page



ENVIROSCAN Report

1952 Volume: Toronto 19 Firemap: 1922
Toronto Vol. 19 Plan: 2180 (1952)
Sheet: 1922 (1952)

Requested by:
ELEANOR Goolab
Date Completed: 05/10/2018 09:46:34



APPENDIX E

ERIS Report and City Directory Search

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Ann St/Park St E Phase I ESA* *24 Ann St* *Mississauga ON L5G 3G1*
Project No:	*702865-000*
Report Type:	*Standard Report*
Order No:	*20180426226*
Requested by:	*Arcadis Canada Inc.*
Date Completed:	*May 4, 2018*

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

www.erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*Ann St/Park St E Phase I ESA* *24 Ann St Mississauga ON L5G 3G1*
Project No:	*702865-000*

Coordinates:

Latitude:	*43.556205*
Longitude:	*-79.585342*
UTM Northing:	*4,823,555.46*
UTM Easting:	*614,261.52*
UTM Zone:	*UTM Zone 17T*

Elevation: *259 FT*
78.85 M

Order Information:

Order No:	*20180426226*
Date Requested:	*April 26, 2018*
Requested by:	*Arcadis Canada Inc.*
Report Type:	*Standard Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection - .tiff files*
City Directory Search	*CD - Subject Site plus 10 Adjacent Properties*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*

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	77	77
CA	Certificates of Approval	Y	0	5	5
CFOT	Commercial Fuel Oil Tanks	Y	0	1	1
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
DRYCLEANERS	Dry Cleaning Facilities	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	2	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	8	8
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	21	21
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	3	3
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MISA PENALTY	Environmental Penalty Annual Report	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
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	1	1
PINC	TSSA Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	5	5
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	3	3
SPL	Ontario Spills	Y	0	7	7
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	5	5
	Total:		0	140	140

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	BORE		ON	ENE/33.9	0.00	24
2	BORE		ON	NNW/50.3	0.73	24
3	BORE		ON	ENE/55.8	-0.15	25
4	BORE		ON	NW/60.0	0.38	25
5	SCT	Richard's Fine Chocolates Inc.	25 Helene St N Mississauga ON L5G 3B6	SW/65.9	0.00	26
6	BORE		ON	W/67.0	0.00	26
7	BORE		ON	N/68.6	0.91	26
8	BORE		ON	E/73.5	0.83	27
9	BORE		ON	ENE/91.1	1.00	27
10	BORE		ON	S/92.7	1.00	28
11	BORE		ON	ESE/93.9	1.00	28
12	BORE		ON	SSW/103.8	0.00	29
13	EHS		28 Helene St N Mississauga ON L5G 3B7	SW/105.7	0.00	30
14	EHS		Park St E and Hurontario St Mississauga ON	WNW/107.7	0.00	30
15	BORE		ON	ENE/109.4	1.00	30
16	BORE		ON	NW/110.0	1.00	31
17	BORE		ON	WSW/110.5	0.00	31
18	BORE		ON	NNE/110.9	1.00	32
19	EHS		91 Park St E Mississauga ON L5G4W1	E/116.1	1.00	32
20	BORE		ON	W/119.6	0.00	32
21	WWIS		PORT CREDIT ON	W/120.5	0.00	33
22	BORE		ON	WNW/121.4	0.00	35
23	BORE		ON	WSW/121.4	0.00	36

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
24	CFOT	BELL CANADA	80 HIGH ST E MISSISSAUGA ON L5G 1K2	SE/122.8	1.00	36
24	GEN	Bell	80 High St Mississauga ON L5G 1K2	SE/122.8	1.00	37
24	GEN	Bell	80 High St Port Credit ON L5G 1K4	SE/122.8	1.00	37
24	GEN	Bell	80 High St Mississauga ON L5G 1K2	SE/122.8	1.00	37
24	GEN	Bell	80 High St Port Credit ON L5G 1K4	SE/122.8	1.00	38
24	SPL		80 High Street East Mississauga ON	SE/122.8	1.00	38
25	BORE		ON	S/127.7	1.00	38
26	BORE		ON	W/132.6	0.00	39
27	BORE		ON	SSW/133.6	0.00	39
28	BORE		ON	SW/134.4	0.00	40
29	BORE		ON	NNW/135.1	1.00	40
30	BORE		ON	SSW/135.2	0.00	41
31	BORE		ON	SSW/136.5	0.82	41
32	BORE		ON	NNE/140.0	1.00	42
33	BORE		ON	WNW/140.2	0.08	42
34	BORE		ON	NNE/141.0	1.00	43
35	BORE		ON	NNE/141.5	1.00	43
36	BORE		ON	NNW/141.9	1.00	44
37	BORE		ON	NNE/147.4	1.00	44
38	BORE		ON	W/148.5	0.00	44
39	PES	VERSACE LAWN CARE	66 HIGH STREET EAST, #202 MISSISSAUGA ON L5G 1K2	SSE/148.9	1.00	45
40	BORE		ON	ESE/149.2	1.00	45
41	BORE		ON	ENE/151.5	1.00	46
42	CA	R.M. OF PEEL	QUEEN ST.E/HURONTARIO ST. MISSISSAUGA CITY ON	NNE/153.3	1.00	46
42	CA	R.M. OF PEEL	QUEEN ST.E/HURONTARIO ST. MISSISSAUGA CITY ON	NNE/153.3	1.00	47
43	CA	Kanco-55 Park Ltd.	55 Park St E Mississauga ON	S/153.8	1.00	47

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
43	ECA	Kanco-55 Park Ltd.	55 Park St E Mississauga ON L4V 1R9	S/153.8	1.00	47
43	EHS		55 Park Street East Mississauga ON	S/153.8	1.00	47
43	INC		55 PARK STREET EAST, MISSISSAUGA ON	S/153.8	1.00	48
43	INC		55 PARK STREET EAST, MISSISSAUGA ON	S/153.8	1.00	49
43	INC		55 PARK STREET EAST, MISSISSAUGA ON	S/153.8	1.00	50
44	PINC		90 High Street East, Mississauga ON	E/156.6	1.00	50
45	BORE		ON	W/156.9	0.00	51
46	BORE		ON	ENE/157.0	1.00	51
47	GEN	Metrolinx	30 Queen Street East Mississauga ON L5H 1L4	WSW/158.1	0.00	52
47	GEN	Metrolinx	30 Queen Street East Mississauga ON L5H 1L4	WSW/158.1	0.00	52
47	GEN	Metrolinx	30 Queen Street East Mississauga ON L5H 1L4	WSW/158.1	0.00	52
47	GEN	Metrolinx	30 Queen Street East Mississauga ON L5H 1L4	WSW/158.1	0.00	53
47	GEN	Metrolinx	30 Queen Street East Mississauga ON L5G 3B7	WSW/158.1	0.00	53
47	WWIS		Mississauga ON	WSW/158.1	0.00	53
48	BORE		ON	N/158.8	1.00	56
49	BORE		ON	WSW/162.5	0.00	57
50	CA		High Street, Park Street East & Hurontario Street Mississauga ON	E/164.0	1.00	57
51	BORE		ON	N/166.5	1.00	57
52	BORE		ON	NNE/166.7	1.00	58
53	BORE		ON	SE/166.9	1.00	58
54	BORE		ON	WSW/167.7	0.00	59
55	BORE		ON	WNW/171.0	0.00	59
56	BORE		ON	E/171.6	1.00	60
57	SPL	FRAM GROUP (CANADA) INC	Ann and High St Mississauga ON	ESE/173.2	1.00	60
58	BORE		ON	N/174.2	1.00	61
59	BORE		ON	N/175.7	1.00	61

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
60	EHS		12 Helene St N Mississauga ON L5G	SSE/177.5	1.00	62
61	BORE		ON	NNW/180.5	1.00	62
62	BORE		ON	ESE/180.9	1.00	63
63	BORE		ON	NNW/181.2	1.00	63
64	BORE		ON	SSE/183.1	1.00	64
65	BORE		ON	SSE/183.8	1.00	64
66	BORE		ON	E/183.9	1.00	65
67	WWIS		MISSISSAUGA ON	E/184.0	1.00	65
68	RSC	Home Alone Property Management Services Limited	10 ANN ST, MISSISSAUGA, ON, L5G 3E6 ON L5G 3E6	SE/189.3	1.00	67
69	RSC		10 ANN STREET, MISSISSAUGA, ON L5G 2E6 Mississauga ON	SE/190.8	1.00	67
70	BORE		ON	N/191.3	1.00	68
71	BORE		ON	N/197.3	1.00	69
72	WWIS		ON	SE/198.1	1.00	70
73	SPL	FRAM GROUP (CANADA) INC	69 High St. E Mississauga ON	SE/198.5	1.00	70
74	BORE		ON	SSW/201.0	1.00	71
75	BORE		ON	SSE/202.7	1.00	71
76	BORE		ON	N/204.9	1.00	72
77	BORE		ON	WSW/206.7	0.82	72
78	RSC	Scott Insley	8 ANN ST, MISSISSAUGA, ON, L5G 3E6 ON L5G 3E6	SE/206.8	1.00	73
79	SPL	PRIVATE RESIDENCE	40 ORIOLE AVE. FURNACE OIL TANK MISSISSAUGA CITY ON L5G 1V2	NW/208.6	1.30	73
80	BORE		ON	SW/210.1	0.00	74
81	BORE		ON	WSW/211.3	0.63	74
82	SPL	OSHAWA FOODS	25 HURONTARIO STREET RETAIL STORE MISSISSAUGA CITY ON	E/211.5	1.00	74
83	EHS		50 High Street Mississauga ON	S/211.7	1.00	75
84	BORE		ON	SW/211.8	0.00	75
85	EHS		8 Ann St, 6 Ann St, 10 Ann St. Mississauga ON	ESE/212.2	1.00	75

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
86	BORE		ON	SSE/214.0	1.00	76
87	BORE		ON	NNW/214.0	1.00	76
88	SPL	PUC	7 HELENE ST. PORT CREDIT MISSISSAUGA CITY ON	SE/214.0	1.00	77
89	BORE		ON	SSW/214.2	0.90	77
90	GEN	MISSISSAUGA HYDRO (PCB)	57 ELIZABETH ST. C/O 3240 MAVIS RD. MISSISSAUGA ON L5C 3K1	SW/214.6	0.59	78
90	GEN	MISSISSAUGA HYDRO (PCB) 00-000	57 ELIZABETH ST. C/O 3240 MAVIS RD. MISSISSAUGA ON L5C 3K1	SW/214.6	0.59	78
91	BORE		ON	NE/214.9	1.00	78
92	BORE		ON	WSW/217.9	0.00	79
93	BORE		ON	N/219.7	1.00	79
94	BORE		ON	WSW/221.2	-0.02	79
95	RSC	Scott Insley	6 ANN ST, MISSISSAUGA, ON, L5G 3E6, ON L5G 3E6	SE/221.4	1.00	80
96	SPL	Regional Municipality of Peel	Elizabeth St. and Park St. Mississauga ON	SSW/222.5	1.00	80
97	BORE		ON	SSW/222.9	1.00	81
98	BORE		ON	ESE/223.5	1.00	81
99	BORE		ON	SSE/228.9	1.00	82
100	BORE		ON	N/229.0	1.00	82
101	SCT	EXCALIBUR INT'L CONSULTANTS	10 Hurontario St Mississauga ON L5G 3G7	ESE/233.0	1.00	83
101	SCT	Excalibur International Consultants Ltd.	10 Hurontario St Mississauga ON L5G 3G7	ESE/233.0	1.00	83
102	BORE		ON	SSW/237.3	1.00	83
103	BORE		ON	S/239.9	1.00	84
104	EHS		28 Elizabeth Street North Mississauga ON L5G 2Z6	SW/242.5	0.25	84
105	BORE		ON	S/243.7	1.00	84
106	BORE		ON	NNE/245.7	1.00	85
107	WWIS		Mississauga ON	E/247.1	1.00	86
108	GEN	Enersource Hydro Mississauga	5 Ann Street Mississauga ON L5G 3E8	ESE/247.1	1.00	91
109	GEN	SKINNER & MIDDLEBROOK LTD.	128 LAKESHORE ROAD EAST MISSISSAUGA ON L5G 1E4	SE/247.5	1.00	91

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
109	GEN	SKINNER & MIDDLEBROOK LTD. 44-252	128 LAKESHORE ROAD EAST MISSISSAUGA ON L5G 1E4	SE/247.5	1.00	91
109	GEN	SKINNER & MIDDLEBROOK LTD	128 LAKESHORE ROAD EAST MISSISSAUGA ON L5G 1E4	SE/247.5	1.00	92
109	GEN	Skinner & Middlebrook Ltd.	128 Lakeshore Rd.E. Mississauga ON L5G 1E4	SE/247.5	1.00	92
109	GEN	Skinner & Middlebrook Ltd.	128 Lakeshore Rd.E. Mississauga ON L5G 1E4	SE/247.5	1.00	92
109	GEN	Skinner & Middlebrook Ltd.	128 Lakeshore Rd.E. Mississauga ON L5G 1E4	SE/247.5	1.00	93
109	GEN	Skinner & Middlebrook Ltd.	128 Lakeshore Rd.E. Mississauga ON L5G 1E4	SE/247.5	1.00	93
110	RSC	F.S. Port Credit Development Limited	15 HURONTARIO ST, MISSISSAUGA, ON, L5G 3G8 ON	E/247.6	1.00	93
111	CA	F.S. Port Credit Development Limited	1 Hurontario St Mississauga ON L5G 0A3	E/247.7	1.00	94
111	ECA	F.S. Port Credit Development Limited	1 Hurontario St Mississauga ON L5G 1E8	E/247.7	1.00	94
111	GEN	Dolce Vita Medical Spa & Salon	1 Hurontario Street Unit 1 Mississauga ON L5G0A3	E/247.7	1.00	94
111	GEN	Dolce Vita Medical Spa & Salon	1 Hurontario Street Unit 1 Mississauga ON L5G0A3	E/247.7	1.00	94
111	PINC		1 Hurontario Street, Mississauga ON	E/247.7	1.00	95
112	BORE		ON	ESE/249.9	1.00	95

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 77 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	ENE	33.91	1
	ON	NNW	50.26	2
	ON	NW	59.97	4
	ON	W	66.97	6
	ON	N	68.64	7
	ON	E	73.46	8
	ON	ENE	91.09	9
	ON	S	92.65	10
	ON	ESE	93.93	11
	ON	SSW	103.84	12
	ON	ENE	109.36	15
	ON	NW	110.03	16
	ON	WSW	110.52	17
	ON	NNE	110.90	18
	ON	W	119.62	20
	ON	WNW	121.36	22
	ON	WSW	121.40	23
	ON	S	127.69	25
	ON	W	132.55	26

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	SSW	133.60	27
	ON	SW	134.43	28
	ON	NNW	135.09	29
	ON	SSW	135.25	30
	ON	SSW	136.49	31
	ON	NNE	139.97	32
	ON	WNW	140.24	33
	ON	NNE	140.97	34
	ON	NNE	141.51	35
	ON	NNW	141.92	36
	ON	NNE	147.37	37
	ON	W	148.54	38
	ON	ESE	149.25	40
	ON	ENE	151.45	41
	ON	W	156.94	45
	ON	ENE	157.01	46
	ON	N	158.82	48
	ON	WSW	162.52	49
	ON	N	166.50	51
	ON	NNE	166.74	52
	ON	SE	166.86	53
	ON	WSW	167.68	54
	ON	WNW	170.99	55

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	E	171.57	56
	ON	N	174.17	58
	ON	N	175.74	59
	ON	NNW	180.52	61
	ON	ESE	180.92	62
	ON	NNW	181.20	63
	ON	SSE	183.07	64
	ON	SSE	183.78	65
	ON	E	183.87	66
	ON	N	191.34	70
	ON	N	197.33	71
	ON	SSW	201.00	74
	ON	SSE	202.68	75
	ON	N	204.92	76
	ON	WSW	206.66	77
	ON	SW	210.13	80
	ON	WSW	211.27	81
	ON	SW	211.85	84
	ON	SSE	213.96	86
	ON	NNW	214.02	87
	ON	SSW	214.17	89
	ON	NE	214.87	91
	ON	WSW	217.91	92

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	N	219.70	93
	ON	SSW	222.91	97
	ON	ESE	223.55	98
	ON	SSE	228.91	99
	ON	N	228.99	100
	ON	SSW	237.28	102
	ON	S	239.87	103
	ON	S	243.72	105
	ON	NNE	245.70	106
	ON	ESE	249.92	112

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	ENE	55.82	3
	ON	WSW	221.17	94

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 5 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
R.M. OF PEEL	QUEEN ST.E/HURONTARIO ST. MISSISSAUGA CITY ON	NNE	153.32	42
R.M. OF PEEL	QUEEN ST.E/HURONTARIO ST. MISSISSAUGA CITY ON	NNE	153.32	42
Kanco-55 Park Ltd.	55 Park St E Mississauga ON	S	153.85	43
	High Street, Park Street East & Hurontario Street Mississauga ON	E	163.97	50
F.S. Port Credit Development Limited	1 Hurontario St Mississauga ON L5G 0A3	E	247.67	111

CFOT - Commercial Fuel Oil Tanks

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

the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
BELL CANADA	80 HIGH ST E MISSISSAUGA ON L5G 1K2	SE	122.81	24

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jan 31, 2018 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Kanco-55 Park Ltd.	55 Park St E Mississauga ON L4V 1R9	S	153.85	43
F.S. Port Credit Development Limited	1 Hurontario St Mississauga ON L5G 1E8	E	247.67	111

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Feb 28, 2018 has found that there are 8 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	28 Helene St N Mississauga ON L5G 3B7	SW	105.74	13
	Park St E and Hurontario St Mississauga ON	WNW	107.74	14
	91 Park St E Mississauga ON L5G4W1	E	116.08	19
	55 Park Street East Mississauga ON	S	153.85	43
	12 Helene St N Mississauga ON L5G	SSE	177.51	60
	50 High Street Mississauga ON	S	211.74	83
	8 Ann St, 6 Ann St, 10 Ann St. Mississauga ON	ESE	212.24	85
	28 Elizabeth Street North Mississauga ON L5G 2Z6	SW	242.48	104

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-December 31, 2017 has found that there are 21 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Bell	80 High St Mississauga ON L5G 1K2	SE	122.81	24

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Bell	80 High St Port Credit ON L5G 1K4	SE	122.81	24
Bell	80 High St Mississauga ON L5G 1K2	SE	122.81	24
Bell	80 High St Port Credit ON L5G 1K4	SE	122.81	24
Metrolinx	30 Queen Street East Mississauga ON L5H 1L4	WSW	158.13	47
Metrolinx	30 Queen Street East Mississauga ON L5H 1L4	WSW	158.13	47
Metrolinx	30 Queen Street East Mississauga ON L5H 1L4	WSW	158.13	47
Metrolinx	30 Queen Street East Mississauga ON L5H 1L4	WSW	158.13	47
Metrolinx	30 Queen Street East Mississauga ON L5G 3B7	WSW	158.13	47
MISSISSAUGA HYDRO (PCB)	57 ELIZABETH ST. C/O 3240 MAVIS RD. MISSISSAUGA ON L5C 3K1	SW	214.62	90
MISSISSAUGA HYDRO (PCB) 00-000	57 ELIZABETH ST. C/O 3240 MAVIS RD. MISSISSAUGA ON L5C 3K1	SW	214.62	90
Enersource Hydro Mississauga	5 Ann Street Mississauga ON L5G 3E8	ESE	247.09	108
Skinner & Middlebrook Ltd.	128 Lakeshore Rd.E. Mississauga ON L5G 1E4	SE	247.53	109
SKINNER & MIDDLEBROOK LTD	128 LAKESHORE ROAD EAST MISSISSAUGA ON L5G 1E4	SE	247.53	109
Skinner & Middlebrook Ltd.	128 Lakeshore Rd.E. Mississauga ON L5G 1E4	SE	247.53	109
Skinner & Middlebrook Ltd.	128 Lakeshore Rd.E. Mississauga ON L5G 1E4	SE	247.53	109
SKINNER & MIDDLEBROOK LTD. 44-252	128 LAKESHORE ROAD EAST MISSISSAUGA ON L5G 1E4	SE	247.53	109
SKINNER & MIDDLEBROOK LTD.	128 LAKESHORE ROAD EAST MISSISSAUGA ON L5G 1E4	SE	247.53	109
Skinner & Middlebrook Ltd.	128 Lakeshore Rd.E. Mississauga ON L5G 1E4	SE	247.53	109
Dolce Vita Medical Spa & Salon	1 Hurontario Street Unit 1 Mississauga ON L5G0A3	E	247.67	111
Dolce Vita Medical Spa & Salon	1 Hurontario Street Unit 1 Mississauga ON L5G0A3	E	247.67	111

INC - TSSA Incidents

A search of the INC database, dated Feb 28, 2017 has found that there are 3 INC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	55 PARK STREET EAST, MISSISSAUGA ON	S	153.85	43
	55 PARK STREET EAST, MISSISSAUGA ON	S	153.85	43
	55 PARK STREET EAST, MISSISSAUGA ON	S	153.85	43

PES - Pesticide Register

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
VERSACE LAWN CARE	66 HIGH STREET EAST, #202 MISSISSAUGA ON L5G 1K2	SSE	148.87	39

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	90 High Street East, Mississauga ON	E	156.62	44
	1 Hurontario Street, Mississauga ON	E	247.67	111

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Nov 2017 has found that there are 5 RSC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Home Alone Property Management Services Limited	10 ANN ST, MISSISSAUGA, ON, L5G 3E6 ON L5G 3E6	SE	189.34	68
	10 ANN STREET, MISSISSAUGA, ON L5G 2E6 Mississauga ON	SE	190.82	69
Scott Insley	8 ANN ST, MISSISSAUGA, ON, L5G 3E6 ON L5G 3E6	SE	206.78	78
Scott Insley	6 ANN ST, MISSISSAUGA, ON, L5G 3E6, ON L5G 3E6	SE	221.38	95
F.S. Port Credit Development Limited	15 HURONTARIO ST, MISSISSAUGA, ON, L5G 3G8 ON	E	247.60	110

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 3 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Richard's Fine Chocolates Inc.	25 Helene St N Mississauga ON L5G 3B6	SW	65.95	5
Excalibur International Consultants Ltd.	10 Hurontario St Mississauga ON L5G 3G7	ESE	232.96	101
EXCALIBUR INT'L CONSULTANTS	10 Hurontario St Mississauga ON L5G 3G7	ESE	232.96	101

SPL - Ontario Spills

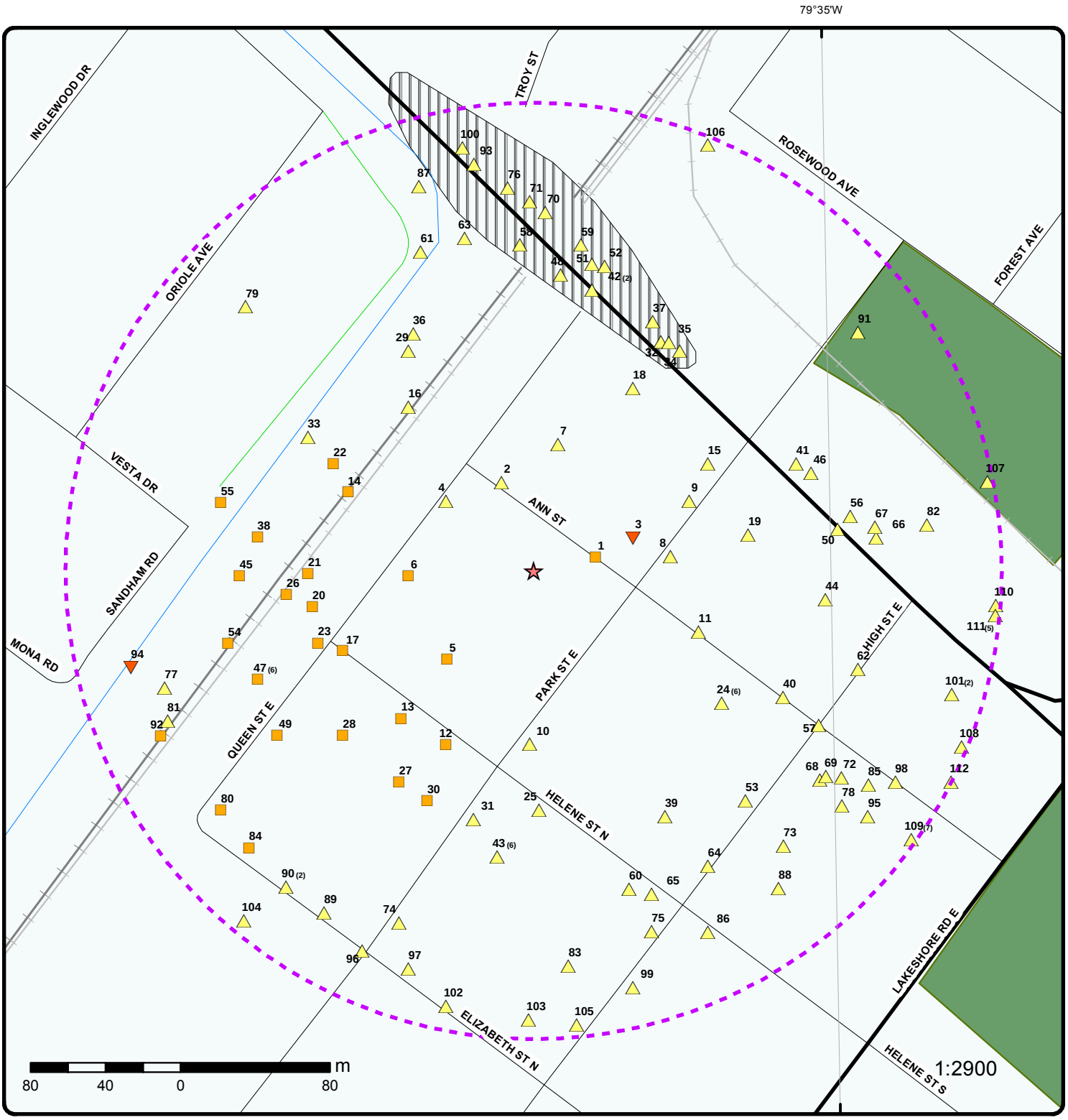
A search of the SPL database, dated 1988-Sep 2017 has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	80 High Street East Mississauga ON	SE	122.81	24
FRAM GROUP (CANADA) INC	Ann and High St Mississauga ON	ESE	173.24	57
FRAM GROUP (CANADA) INC	69 High St. E Mississauga ON	SE	198.55	73
PRIVATE RESIDENCE	40 ORIOLE AVE. FURNACE OIL TANK MISSISSAUGA CITY ON L5G 1V2	NW	208.61	79
OSHAWA FOODS	25 HURONTARIO STREET RETAIL STORE MISSISSAUGA CITY ON	E	211.51	82
PUC	7 HELENE ST. PORT CREDIT MISSISSAUGA CITY ON	SE	214.03	88
Regional Municipality of Peel	Elizabeth St. and Park St. Mississauga ON	SSW	222.49	96

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31, 2017 has found that there are 5 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	PORT CREDIT ON	W	120.51	21
	Mississauga ON	WSW	158.13	47
	MISSISSAUGA ON	E	183.96	67
	ON	SE	198.11	72
	Mississauga ON	E	247.09	107



Map : 0.25 Kilometer Radius

Order No: 20180426226

Address: 24 Ann St, Mississauga, ON, L5G 3G1

ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2015 DMTI Spatial Inc.

79°34'30"W

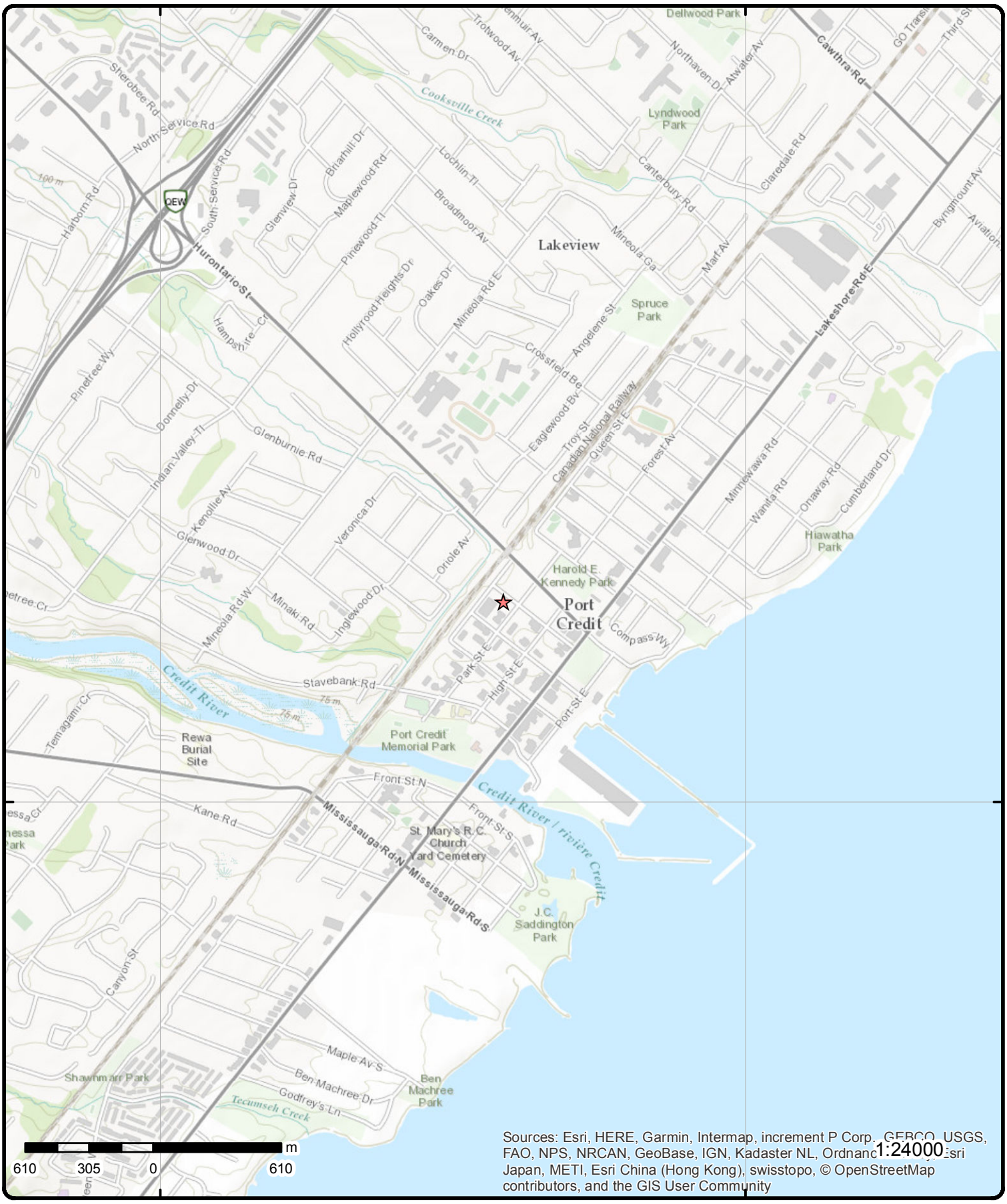
Aerial (2013)

Address: 24 Ann St, Mississauga, ON, L5G 3G1

Source: ESRI World Imagery

Order No: 20180426226

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 24 Ann St, Mississauga, ON, L5G 3G1

Source: ESRI World Topographic Map

Order No: 20180426226

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	ENE/33.9	78.8 / 0.00	ON	BORE

Borehole ID:	640930	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614295	**Northing::**	4823563
Location Accuracy::		**Orig. Ground Elev m::**	82.9
Elev. Reliability Note::		**DEM Ground Elev m::**	82.6
Total Depth m::	2.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494127	**Top Depth(m):**	0.0
Bottom Depth(m):	0.0	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494128	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	FILL,GRAVEL.
Stratum ID:	218494129	**Top Depth(m):**	0.2
Bottom Depth(m):	0.5	**Stratum Desc:**	SOIL,SAND-MEDIUM, SILT,CLAY. BROWN.
Stratum ID:	218494130	**Top Depth(m):**	0.5
Bottom Depth(m):	2.1	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. ALLUVIAL,AGE POST-GLACIAL. GE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	NNW/50.3	79.6 / 0.73	ON	BORE

Borehole ID:	640931	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614245	**Northing::**	4823603
Location Accuracy::		**Orig. Ground Elev m::**	83.8
Elev. Reliability Note::		**DEM Ground Elev m::**	83.7
Total Depth m::	2.4	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494131	**Top Depth(m):**	0.0
Bottom Depth(m):	0.0	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494132	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	FILL,GRAVEL.
Stratum ID:	218494133	**Top Depth(m):**	0.3
Bottom Depth(m):	0.6	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. ALLUVIAL,AGE

POST-GLACIAL.

Stratum ID:	218494134	**Top Depth(m):**	0.6
Bottom Depth(m):	0.9	**Stratum Desc:**	CLAY,SAND,SILT. ALLUVIAL,AGE POST-GLACIAL.
Stratum ID:	218494135	**Top Depth(m):**	0.9
Bottom Depth(m):	1.5	**Stratum Desc:**	CLAY,SAND,SILT. ALLUVIAL,AGE POST-GLACIAL.
Stratum ID:	218494136	**Top Depth(m):**	1.5
Bottom Depth(m):	2.4	**Stratum Desc:**	SAND-MEDIUM,CLAY, SILT. ALLUVIAL,AGE POST-GLACIAL.

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3 **1 of 1** **ENE/55.8** **78.7 / -0.15** **ON** **BORE**

Borehole ID:	646205	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Diamond Drill	**UTM Zone::**	17
Easting::	614315	**Northing::**	4823573
Location Accuracy::		**Orig. Ground Elev m::**	81.1
Elev. Reliability Note::		**DEM Ground Elev m::**	82.9
Total Depth m::	8.2	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	MAY-1968	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218514022	**Top Depth(m):**	0.0
Bottom Depth(m):	3.0	**Stratum Desc:**	SILT,CLAY,SAND. BROWN,GLACIAL,DENSE, AGE GLACIAL.
Stratum ID:	218514023	**Top Depth(m):**	3.0
Bottom Depth(m):	7.1	**Stratum Desc:**	TILL,CLAY. GREY,GLACIAL,HARD,AGE GLACIAL.
Stratum ID:	218514024	**Top Depth(m):**	7.1
Bottom Depth(m):	8.2	**Stratum Desc:**	SHALE. GREY,MARINE,AGE ORDOVICIAN. 00000025AGE GLACIAL

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4 **1 of 1** **NW/60.0** **79.2 / 0.38** **ON** **BORE**

Borehole ID:	640915	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614215	**Northing::**	4823593
Location Accuracy::		**Orig. Ground Elev m::**	83.7
Elev. Reliability Note::		**DEM Ground Elev m::**	83.6
Total Depth m::	2.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494056	**Top Depth(m):**	0.2
Bottom Depth(m):	0.3	**Stratum Desc:**	SAND,SILT,CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.

Stratum ID:	218494057	**Top Depth(m):**	0.3
Bottom Depth(m):	1.5	**Stratum Desc:**	SAND,SILT,CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494058	**Top Depth(m):**	1.5
Bottom Depth(m):	2.1	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL. CI
Stratum ID:	218494054	**Top Depth(m):**	0.0
Bottom Depth(m):	0.0	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494055	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	FILL,GRAVEL. BROWN.

5 **1 of 1** **SW/65.9** **78.8 / 0.00** **Richard's Fine Chocolates Inc.** **SCT**
25 Helene St N
Mississauga ON L5G 3B6

Established:	8/1/1996
Plant Size (ft²):	
Employment:	

--Details--

Description:	Confectionery Manufacturing from Purchased Chocolate
SIC/NAICS Code:	311330

6 **1 of 1** **W/67.0** **78.8 / 0.00** **ON** **BORE**

Borehole ID:	640916	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614195	**Northing::**	4823553
Location Accuracy::		**Orig. Ground Elev m::**	82.9
Elev. Reliability Note::		**DEM Ground Elev m::**	82.5
Total Depth m::	1.2	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494059	**Top Depth(m):**	0.0
Bottom Depth(m):	0.0	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494060	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	FILL,SAND,SILT, GRAVEL.
Stratum ID:	218494061	**Top Depth(m):**	0.3
Bottom Depth(m):	1.2	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. ALLUVIAL,AGE POST-GLACIAL. T,CLAY.

7 **1 of 1** **N/68.6** **79.8 / 0.91** **ON** **BORE**

Borehole ID:	646209	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Diamond Drill	**UTM Zone::**	17

Easting::	614275	***Northing::***	4823623
Location Accuracy::		***Orig. Ground Elev m::***	81.4
Elev. Reliability Note::		***DEM Ground Elev m::***	83.8
Total Depth m::	3.5	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	MAY-1968	***Static Water Level::***	-999.9
Primary Water Use::	Not Used	***Sec. Water Use::***	

--Details--

Stratum ID:	218514036	***Top Depth(m):***	0.0
Bottom Depth(m):	2.3	***Stratum Desc:***	SILT,SAND,CLAY. BROWN,GLACIAL,DENSE, AGE GLACIAL.
Stratum ID:	218514037	***Top Depth(m):***	2.3
Bottom Depth(m):	3.5	***Stratum Desc:***	TILL,CLAY. GREY,GLACIAL,HARD,AGE GLACIAL. 028 012 0000002600075044

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8 ***1 of 1*** ***E/73.5*** ***79.7 / 0.83*** ***ON*** ***BORE***

Borehole ID:	639273	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	
Drill Method::	Power auger	***UTM Zone::***	17
Easting::	614335	***Northing::***	4823563
Location Accuracy::		***Orig. Ground Elev m::***	82.8
Elev. Reliability Note::		***DEM Ground Elev m::***	82.5
Total Depth m::	1.2	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	JAN-1965	***Static Water Level::***	-999.9
Primary Water Use::	Not Used	***Sec. Water Use::***	

--Details--

Stratum ID:	218487718	***Top Depth(m):***	0.0
Bottom Depth(m):	0.0	***Stratum Desc:***	ASPHALT.
Stratum ID:	218487719	***Top Depth(m):***	0.0
Bottom Depth(m):	0.3	***Stratum Desc:***	FILL,GRAVEL.
Stratum ID:	218487720	***Top Depth(m):***	0.3
Bottom Depth(m):	0.5	***Stratum Desc:***	FILL,SAND-MEDIUM, SILT,CLAY. BROWN.
Stratum ID:	218487721	***Top Depth(m):***	0.5
Bottom Depth(m):	0.6	***Stratum Desc:***	SOIL,SAND,SILT,CLAY.BROWN.
Stratum ID:	218487722	***Top Depth(m):***	0.6
Bottom Depth(m):	1.2	***Stratum Desc:***	SAND,SILT,CLAY. BROWN,ALLUVIAL,WET. GLACIAL.

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9 ***1 of 1*** ***ENE/91.1*** ***79.8 / 1.00*** ***ON*** ***BORE***

Borehole ID:	646206	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	
Drill Method::	Diamond Drill	***UTM Zone::***	17
Easting::	614345	***Northing::***	4823593
Location Accuracy::		***Orig. Ground Elev m::***	80.6
Elev. Reliability Note::		***DEM Ground Elev m::***	82.5
Total Depth m::	9.9	***Primary Name::***	

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

Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	MAY-1968	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218514025	**Top Depth(m):**	0.0
Bottom Depth(m):	1.1	**Stratum Desc:**	FILL,SAND,STONES.
Stratum ID:	218514026	**Top Depth(m):**	1.1
Bottom Depth(m):	1.8	**Stratum Desc:**	SILT,SAND. BROWN,GLACIAL,DENSE, AGE GLACIAL.
Stratum ID:	218514027	**Top Depth(m):**	1.8
Bottom Depth(m):	6.7	**Stratum Desc:**	TILL,CLAY. GREY,GLACIAL,HARD,AGE GLACIAL.
Stratum ID:	218514028	**Top Depth(m):**	6.7
Bottom Depth(m):	9.9	**Stratum Desc:**	SHALE. GREY,MARINE,LAYERED, AGE ORDOVICIAN. 014 010 0003502300060060

10	***1 of 1***	***S/92.7***	***79.8 / 1.00***	***ON***	***BORE***

Borehole ID:	639272	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614260	**Northing::**	4823463
Location Accuracy::		**Orig. Ground Elev m::**	81.4
Elev. Reliability Note::		**DEM Ground Elev m::**	80.7
Total Depth m::	2.7	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218487714	**Top Depth(m):**	0.0
Bottom Depth(m):	0.0	**Stratum Desc:**	ASPHALT.
Stratum ID:	218487715	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	FILL,GRAVEL. GREY.
Stratum ID:	218487716	**Top Depth(m):**	0.3
Bottom Depth(m):	1.2	**Stratum Desc:**	SAND,CLAY,SILT. ALLUVIAL,AGE POST-GLACIAL.
Stratum ID:	218487717	**Top Depth(m):**	1.2
Bottom Depth(m):	2.7	**Stratum Desc:**	SAND-MEDIUM,CLAY, SILT. BROWN,ALLUVIAL,MOIST, AGE POST-GLACIAL. LUVIAL

11	***1 of 1***	***ESE/93.9***	***79.8 / 1.00***	***ON***	***BORE***

Borehole ID:	640929	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614350	**Northing::**	4823523
Location Accuracy::		**Orig. Ground Elev m::**	81.7

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

Elev. Reliability Note::		***DEM Ground Elev m::***	81.4
Total Depth m::	2.1	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	JAN-1965	***Static Water Level::***	-999.9
Primary Water Use::	Not Used	***Sec. Water Use::***	

--Details--

Stratum ID:	218494122	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	ASPHALT,STONES.
Stratum ID:	218494123	***Top Depth(m):***	0.1
Bottom Depth(m):	0.2	***Stratum Desc:***	FILL,GRAVEL.
Stratum ID:	218494124	***Top Depth(m):***	0.2
Bottom Depth(m):	0.4	***Stratum Desc:***	SAND-MEDIUM,SILT, CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494125	***Top Depth(m):***	0.4
Bottom Depth(m):	0.7	***Stratum Desc:***	CLAY,SAND,SILT. ALLUVIAL,AGE POST-GLACIAL.
Stratum ID:	218494126	***Top Depth(m):***	0.7
Bottom Depth(m):	2.1	***Stratum Desc:***	SILT,CLAY,SAND. ALLUVIAL,AGE POST-GLACIAL. SAND-M

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12 ***1 of 1*** ***SSW/103.8*** ***78.8 / 0.00*** ***ON*** ***BORE***

Borehole ID:	641140	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	
Drill Method::	Power auger	***UTM Zone::***	17
Easting::	614215	***Northing::***	4823463
Location Accuracy::		***Orig. Ground Elev m::***	81.7
Elev. Reliability Note::		***DEM Ground Elev m::***	81.3
Total Depth m::	2.7	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	JAN-1965	***Static Water Level::***	-999.9
Primary Water Use::	Not Used	***Sec. Water Use::***	

--Details--

Stratum ID:	218494924	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	ASPHALT.
Stratum ID:	218494925	***Top Depth(m):***	0.1
Bottom Depth(m):	0.1	***Stratum Desc:***	FILL,GRAVEL.
Stratum ID:	218494926	***Top Depth(m):***	0.1
Bottom Depth(m):	0.4	***Stratum Desc:***	SAND-MEDIUM,SILT, CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494927	***Top Depth(m):***	0.4
Bottom Depth(m):	1.2	***Stratum Desc:***	SAND-MEDIUM,SILT, CLAY. ALLUVIAL,AGE POST-GLACIAL.
Stratum ID:	218494928	***Top Depth(m):***	1.2
Bottom Depth(m):	2.7	***Stratum Desc:***	SAND-MEDIUM,SILT. GREY,ALLUVIAL, AGE POST-GLACIAL. SAND-

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	SW/105.7	78.8 / 0.00	28 Helene St N Mississauga ON L5G 3B7	EHS

Order ID:	131535	**Date Received:**	3/26/2008
Order No:	20080326002	**Lot/Building Size:**	
Customer ID:	53267	**Municipality:**	
Company ID:	313	**Client Prov/State:**	ON
Status:	C	**Search Radius (km):**	0.25
Report Code:	4CAN	**Large Radius:**	2
Report Type:	Custom Report	**X:**	-79.586315
Report Date:	4/3/2008	**Y:**	43.555375
Report Requested by:	CGI Risk Management Services		
Nearest Intersection:			
Previous Site Name:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	WNW/107.7	78.8 / 0.00	Park St E and Hurontario St Mississauga ON	EHS

Order ID:	338195	**Date Received:**	28-AUG-14
Order No:	20140828058	**Lot/Building Size:**	
Customer ID:	109209	**Municipality:**	
Company ID:	50665	**Client Prov/State:**	ON
Status:	C	**Search Radius (km):**	.3
Report Code:	21CAN	**Large Radius:**	.5
Report Type:	RSC Premium Package (Urban)	**X:**	-79.58656
Report Date:	05-SEP-14	**Y:**	43.5566
Report Requested by:	LVM, a Division of EnGlobe Corp.		
Nearest Intersection:			
Previous Site Name:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	1 of 1	ENE/109.4	79.8 / 1.00	ON	BORE

Borehole ID:	646207	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Diamond Drill	**UTM Zone::**	17
Easting::	614355	**Northing::**	4823613
Location Accuracy::		**Orig. Ground Elev m::**	80.7
Elev. Reliability Note::		**DEM Ground Elev m::**	82.2
Total Depth m::	8.2	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	MAY-1968	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218514029	**Top Depth(m):**	0.0
Bottom Depth(m):	0.9	**Stratum Desc:**	SAND,SILT. BROWN.
Stratum ID:	218514032	**Top Depth(m):**	6.7
Bottom Depth(m):	8.2	**Stratum Desc:**	SHALE. GREY,MARINE,AGE ORDOVICIAN. 012 000300420003502
Stratum ID:	218514030	**Top Depth(m):**	0.9
Bottom Depth(m):	2.4	**Stratum Desc:**	TILL,SILT,CLAY, GRAVEL. BROWN,GLACIAL,DENSE, AGE GLACIAL.
Stratum ID:	218514031	**Top Depth(m):**	2.4
Bottom Depth(m):	6.7	**Stratum Desc:**	TILL,CLAY. GREY,GLACIAL,HARD,AGE GLACIAL.

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

16 **1 of 1** **NW/110.0** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	649450	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Digging	**UTM Zone::**	17
Easting::	614195	**Northing::**	4823643
Location Accuracy::		**Orig. Ground Elev m::**	84.4
Elev. Reliability Note::		**DEM Ground Elev m::**	84.6
Total Depth m::	2.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JUN-1969	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218527014	**Top Depth(m):**	0.0
Bottom Depth(m):	1.2	**Stratum Desc:**	SAND,SILT. BROWN,COMPACT.
Stratum ID:	218527015	**Top Depth(m):**	1.2
Bottom Depth(m):	2.1	**Stratum Desc:**	TILL,SILT,CLAY,SAND.GLACIAL,STIFF. 00000015000400 25GRAVEL.

17 **1 of 1** **WSW/110.5** **78.8 / 0.00** **ON** **BORE**

Borehole ID:	640917	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614160	**Northing::**	4823513
Location Accuracy::		**Orig. Ground Elev m::**	82
Elev. Reliability Note::		**DEM Ground Elev m::**	81.9
Total Depth m::	2.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494062	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494063	**Top Depth(m):**	0.1
Bottom Depth(m):	0.2	**Stratum Desc:**	FILL,GRAVEL,SAND, SILT.
Stratum ID:	218494064	**Top Depth(m):**	0.2
Bottom Depth(m):	0.3	**Stratum Desc:**	SAND,SILT,CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494065	**Top Depth(m):**	0.3
Bottom Depth(m):	0.9	**Stratum Desc:**	SAND-MEDIUM,CLAY, SILT. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494066	**Top Depth(m):**	0.9
Bottom Depth(m):	1.5	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. ALLUVIAL,AGE POST-GLACIAL.
Stratum ID:	218494067	**Top Depth(m):**	1.5
Bottom Depth(m):	2.1	**Stratum Desc:**	SAND,SILT,CLAY. ALLUVIAL,AGE POST-GLACIAL.

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

18 **1 of 1** **NNE/110.9** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	646208	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Diamond Drill	**UTM Zone::**	17
Easting::	614315	**Northing::**	4823653
Location Accuracy::		**Orig. Ground Elev m::**	82.3
Elev. Reliability Note::		**DEM Ground Elev m::**	83
Total Depth m::	4.6	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	MAY-1968	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218514033	**Top Depth(m):**	0.0
Bottom Depth(m):	2.1	**Stratum Desc:**	SAND,SILT. BROWN,GLACIAL,DENSE, AGE GLACIAL.
Stratum ID:	218514034	**Top Depth(m):**	2.1
Bottom Depth(m):	3.9	**Stratum Desc:**	SILT,CLAY,SAND. GREY,LACUSTRINE,DENSE, AGE GLACIAL.
Stratum ID:	218514035	**Top Depth(m):**	3.9
Bottom Depth(m):	4.6	**Stratum Desc:**	TILL,CLAY,SHALE. GREY,HARD. 014 015 00000032000700363004

19 **1 of 1** **E/116.1** **79.8 / 1.00** **91 Park St E Mississauga ON L5G4W1** **EHS**

Order ID:	289100	**Date Received:**	06-JAN-14
Order No:	20140106044	**Lot/Building Size:**	
Customer ID:	86889	**Municipality:**	
Company ID:	318	**Client Prov/State:**	ON
Status:	C	**Search Radius (km):**	.25
Report Code:	4CAN	**Large Radius:**	2
Report Type:	Custom Report	**X:**	-79.583921
Report Date:	15-JAN-14	**Y:**	43.556359
Report Requested by:	Franz Environmental Inc.		
Nearest Intersection:			
Previous Site Name:			
Additional Info Ordered:			

20 **1 of 1** **W/119.6** **78.8 / 0.00** **ON** **BORE**

Borehole ID:	833908	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Hollow stem auger	**UTM Zone::**	17
Easting::	614143	**Northing::**	4823536
Location Accuracy::		**Orig. Ground Elev m::**	82.3
Elev. Reliability Note::		**DEM Ground Elev m::**	83.3
Total Depth m::	6.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	03-FEB-1977	**Static Water Level::**	.9
Primary Water Use::		**Sec. Water Use::**	

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

--Details--

Stratum ID:	6014842	***Top Depth(m):***	0.0
Bottom Depth(m):	1.1	***Stratum Desc:***	Clayey silt, sand and few gravel, traces of organics - fill
Stratum ID:	6014843	***Top Depth(m):***	1.1
Bottom Depth(m):	2.7	***Stratum Desc:***	Silty fine sand, compact to very dense
Stratum ID:	6014844	***Top Depth(m):***	2.7
Bottom Depth(m):	6.1	***Stratum Desc:***	Het. mix of clayey silt, sand and gravel (glacial till), very stiff to hard

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21 ***1 of 1*** ***W/120.5*** ***78.8 / 0.00*** ***WWIS***

PORT CREDIT ON

Well ID:	7243496	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	6/25/2015
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7147
Casing Material:		***Form Version:***	7
Audit No:	Z203315	***Owner:***	
Tag:	A175784	***Street Name:***	PORT CREDIT GO STATION
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	MISSISSAUGA CITY (PORT CREDIT)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005439505	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:		***UTMRC:***	4
Code OB Desc:		***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	wwr
Elevation:	84.60263	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	6/6/2015
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005616492
Layer:	1
Color:	2
General Color:	GREY
Mat1:	
Most Common Material:	

Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 0.20
Formation End Depth UOM: m

Formation ID: 1005616493
Layer: 2
Color: 6
General Color: BROWN
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.20
Formation End Depth: 3.30
Formation End Depth UOM: m

Formation ID: 1005616494
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 34
Other Materials: TILL
Mat3:
Other Materials:
Formation Top Depth: 3.30
Formation End Depth: 6.10
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005616501
Layer: 1
Plug From: 0.00
Plug To: 0.30
Plug Depth UOM: m

Plug ID: 1005616502
Layer: 2
Plug From: 0.30
Plug To: 2.80
Plug Depth UOM: m

Plug ID: 1005616503
Layer: 3
Plug From: 2.80
Plug To: 6.10
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005616500
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID:	1005616491
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005616497
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.00
Depth To:	3.10
Casing Diameter:	5.00
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005616498
Layer:	1
Slot:	.10
Screen Top Depth:	3.10
Screen End Depth:	6.10
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.30

Water Details

Water ID:	1005616496
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	3.70
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005616495
Diameter:	11.40
Depth From:	0.00
Depth To:	6.10
Hole Depth UOM:	m
Hole Diameter UOM:	cm

22	***1 of 1***	***WNW/121.4***	***78.8 / 0.00***	***ON***	***BORE***

Borehole ID:	649449	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	
Drill Method::	Diamond Drill	***UTM Zone::***	17
Easting::	614155	***Northing::***	4823613
Location Accuracy::		***Orig. Ground Elev m::***	83.8
Elev. Reliability Note::		***DEM Ground Elev m::***	83.6
Total Depth m::	5	***Primary Name::***	
Township::		***Concession::***	

Lot:: **Municipality:**
Completion Date:: DEC-1959 **Static Water Level::** .2
Primary Water Use:: Not Used **Sec. Water Use::**

--Details--

Stratum ID: 218527013 **Top Depth(m):** 3.7
Bottom Depth(m): 5.0 **Stratum Desc:** TILL,CLAY,SILT, GRAVEL. GREY,DENSE. 019 010 0001001700120050

Stratum ID: 218527011 **Top Depth(m):** 0.0
Bottom Depth(m): 0.3 **Stratum Desc:** SOIL.

Stratum ID: 218527012 **Top Depth(m):** 0.3
Bottom Depth(m): 3.7 **Stratum Desc:** SAND,SILT,CLAY. BROWN,COMPACT, WATER STABLE AT 274.4 FEET.

---

23 **1 of 1** **WSW/121.4** **78.8 / 0.00** **ON** **BORE**

Borehole ID: 833907 **Type:** Borehole
Use: Geotechnical/Geological Investigation **Status::** Decommissioned
Drill Method:: Hollow stem auger **UTM Zone::** 17
Easting:: 614146 **Northing::** 4823517
Location Accuracy:: **Orig. Ground Elev m::** 82.3
Elev. Reliability Note:: **DEM Ground Elev m::** 82.1
Total Depth m:: 6.1 **Primary Name::**
Township:: **Concession::**
Lot:: **Municipality:**
Completion Date:: 03-FEB-1977 **Static Water Level::** .8
Primary Water Use:: **Sec. Water Use::**

--Details--

Stratum ID: 6014839 **Top Depth(m):** 0.0
Bottom Depth(m): 0.6 **Stratum Desc:** Concrete pavement, sand and gravel fill

Stratum ID: 6014840 **Top Depth(m):** 0.6
Bottom Depth(m): 2.9 **Stratum Desc:** Silty fine sand, compact, (brown)

Stratum ID: 6014841 **Top Depth(m):** 2.9
Bottom Depth(m): 6.1 **Stratum Desc:** (Grey), heterogeneous mixture of clayey silt, sand and gravel, (glacial till), very stiff to hard

---

24 **1 of 6** **SE/122.8** **79.8 / 1.00**
BELL CANADA
80 HIGH ST E
MISSISSAUGA ON L5G 1K2
CFOT

Licence No: **Letter Sent:**
Registration No: **Corrosion Protection:** Fiberglass
Posse File No: **Province:** ON
Posse Reg No: **Nbr:** 4483
Tank Type: Double Wall UST **Contact Name:**
Instance Number: 64643253 **Contact Address:**
Facility Type: FS Fuel Oil Tank **Contact Address2:**
Instance Type: FS Fuel Oil Tank **Contact Suite:**
Status Name: Active **Contact City:**
Fuel Type: Fuel Oil **Contact Prov:**
Distributor: **Contact Postal:**
Tank Material: Fiberglass (FRP) **Tank Address:** 80 HIGH ST E
Tank Age (as of 05/1992): **Comments:**
Tank Size: 5000

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

24 **2 of 6** **SE/122.8** **79.8 / 1.00** **Bell**
80 High St
Mississauga ON L5G 1K2
GEN

Generator No.: ON8534293
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 517210, 517510, 517910
SIC Description: WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE), 517510, OTHER TELECOMMUNICATIONS

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Julie Labelle
Phone No. Admin: 5148700688 Ext.

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 221
Waste Description: LIGHT FUELS

---

24 **3 of 6** **SE/122.8** **79.8 / 1.00** **Bell**
80 High St
Port Credit ON L5G 1K4
GEN

Generator No.: ON9607199
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 517210, 517510, 517910
SIC Description: WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE), 517510, OTHER TELECOMMUNICATIONS

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Chloé Lamothe-Luneau
Phone No. Admin: 514-391-1021 Ext.

--Details--
Waste Code: 243
Waste Description: PCBS

Waste Code: 121
Waste Description: ALKALINE WASTES - HEAVY METALS

---

24 **4 of 6** **SE/122.8** **79.8 / 1.00** **Bell**
80 High St
Mississauga ON L5G 1K2
GEN

Generator No.: ON8534293
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 517210, 517510, 517910
SIC Description: WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE), 517510, OTHER TELECOMMUNICATIONS

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Julie Labelle
Phone No. Admin: 5148700688 Ext.

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

---

24 **5 of 6** **SE/122.8** **79.8 / 1.00** **Bell** **GEN**
80 High St
Port Credit ON L5G 1K4

Generator No.: ON9607199
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 243 D
Waste Description: PCB

Waste Code: 121 C
Waste Description: Alkaline slutions - containing heavy metals

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24 **6 of 6** **SE/122.8** **79.8 / 1.00** **80 High Street East** **SPL**
Mississauga ON

Ref No: 6026-AP7STY
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Code: 44
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Contaminant Qty: 1 n/a
Material Group:
MOE Reported Dt: 7/12/2017
Health/Env Conseq: 2 - Minor Environment
Incident Dt: 7/12/2017
Incident Cause:
Incident Event: Overflow/Surcharge
Incident Reason: Blockage
Incident Summary: DWMD: Rgn of Peel sanitary sewer blockage surcharge to prvt property.

Sector Type: Municipal Sewage
Source Type: Sewer (Private or Municipal)
Receiving Medium:
Receiving Env: Land
Environment Impact:
Nature of Impact:
SAC Action Class: Land Spills
Year:
Site Address: 80 High Street East
Site Conc:
Site Lot:
Site County/District: Regional Municipality of Peel
Site Municipality: Mississauga
Site Postal Code:

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25 **1 of 1** **S/127.7** **79.8 / 1.00** **BORE**
ON

Borehole ID: 641139
Use: Geotechnical/Geological Investigation
Drill Method:: Power auger
Easting:: 614265
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 2.7
Township::
Lot::
Completion Date:: JAN-1965
Primary Water Use:: Not Used

Type: Borehole
Status::
UTM Zone:: 17
Northing:: 4823428
Orig. Ground Elev m:: 80.2
DEM Ground Elev m:: 80.2
Primary Name::
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--
Stratum ID: 218494918

Top Depth(m): 0.0

Bottom Depth(m):	0.0	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494919	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	FILL,GRAVEL.
Stratum ID:	218494920	**Top Depth(m):**	0.2
Bottom Depth(m):	0.3	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. GREY,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494921	**Top Depth(m):**	0.3
Bottom Depth(m):	1.2	**Stratum Desc:**	SILT,SAND,CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494922	**Top Depth(m):**	1.2
Bottom Depth(m):	2.1	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494923	**Top Depth(m):**	2.1
Bottom Depth(m):	2.7	**Stratum Desc:**	SAND-MEDIUM,SILT. BROWN,ALLUVIAL, AGE POST-GLACIAL.

---

26 **1 of 1** **W/132.6** **78.8 / 0.00** **ON** **BORE**

Borehole ID:	649445	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Digging	**UTM Zone::**	17
Easting::	614130	**Northing::**	4823543
Location Accuracy::		**Orig. Ground Elev m::**	83.8
Elev. Reliability Note::		**DEM Ground Elev m::**	84.6
Total Depth m::	4	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JUN-1969	**Static Water Level::**	.3
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218526999	**Top Depth(m):**	0.0
Bottom Depth(m):	3.4	**Stratum Desc:**	SAND,SILT. BROWN,DENSE.
Stratum ID:	218527000	**Top Depth(m):**	3.4
Bottom Depth(m):	4.0	**Stratum Desc:**	TILL,SILT,CLAY,SAND.GREY,STIFF, WATER STABLE AT 274.1 FEET.0000004400110029

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27 **1 of 1** **SSW/133.6** **78.8 / 0.00** **ON** **BORE**

Borehole ID:	646200	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614190	**Northing::**	4823443
Location Accuracy::		**Orig. Ground Elev m::**	81.1
Elev. Reliability Note::		**DEM Ground Elev m::**	82.1
Total Depth m::	6.3	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JUN-1968	**Static Water Level::**	.6
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218514000	**Top Depth(m):**	0.0

Bottom Depth(m):	0.2	**Stratum Desc:**	SOIL.
Stratum ID:	218514001	**Top Depth(m):**	0.2
Bottom Depth(m):	2.6	**Stratum Desc:**	SILT,SAND. BROWN,GREY,GLACIAL,DENSE, AGE GLACIAL.
Stratum ID:	218514002	**Top Depth(m):**	2.6
Bottom Depth(m):	3.2	**Stratum Desc:**	CLAY,SILT. GREY,LACUSTRINE,STIFF, AGE GLACIAL, WATER STABLE AT 264.0 FEET.
Stratum ID:	218514003	**Top Depth(m):**	3.2
Bottom Depth(m):	6.3	**Stratum Desc:**	TILL,CLAY,SILT,SHALEGREY,GLACIAL,HARD,AGE GLACIAL. 019 033 017 00005

---

28 ***1 of 1*** ***SW/134.4*** ***78.8 / 0.00*** ***ON*** ***BORE***

Borehole ID:	646201	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614160	**Northing::**	4823468
Location Accuracy::		**Orig. Ground Elev m::**	81.9
Elev. Reliability Note::		**DEM Ground Elev m::**	82.2
Total Depth m::	6.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JUN-1968	**Static Water Level::**	.5
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218514004	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	SOIL.
Stratum ID:	218514005	**Top Depth(m):**	0.2
Bottom Depth(m):	4.4	**Stratum Desc:**	SILT,SAND,CLAY. BROWN,GREY,GLACIAL,DENSE, LAYERED,AGE GLACIAL.
Stratum ID:	218514006	**Top Depth(m):**	4.4
Bottom Depth(m):	6.1	**Stratum Desc:**	TILL,CLAY,SILT. GREY,GLACIAL,HARD,AGE GLACIAL,WATER STABLE AT 267.3 FEET. 018 012

---

29 ***1 of 1*** ***NNW/135.1*** ***79.8 / 1.00*** ***ON*** ***BORE***

Borehole ID:	649451	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614195	**Northing::**	4823673
Location Accuracy::		**Orig. Ground Elev m::**	84.4
Elev. Reliability Note::		**DEM Ground Elev m::**	83.6
Total Depth m::	5.9	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JUN-1969	**Static Water Level::**	.2
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218527016	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	FILL,SAND,GRAVEL.
Stratum ID:	218527017	**Top Depth(m):**	0.3
Bottom Depth(m):	1.8	**Stratum Desc:**	SAND,SILT. BROWN,DENSE, WATER STABLE AT 276.2 FEET.
Stratum ID:	218527018	**Top Depth(m):**	1.8
Bottom Depth(m):	5.9	**Stratum Desc:**	TILL,SILT,CLAY,SAND.GREY,GLACIAL,HARD . 0001003500060079

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30 **1 of 1** **SSW/135.2** **78.8 / 0.00** **ON** **BORE**

Borehole ID:	646199	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614205	**Northing::**	4823433
Location Accuracy::		**Orig. Ground Elev m::**	82.3
Elev. Reliability Note::		**DEM Ground Elev m::**	81.9
Total Depth m::	6.4	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JUN-1968	**Static Water Level::**	.6
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218513996	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	SOIL.
Stratum ID:	218513997	**Top Depth(m):**	0.2
Bottom Depth(m):	4.1	**Stratum Desc:**	SILT,SAND,CLAY. BROWN,GREY,GLACIAL,DENSE, LAYERED,AGE GLACIAL.
Stratum ID:	218513998	**Top Depth(m):**	4.1
Bottom Depth(m):	4.9	**Stratum Desc:**	CLAY,SILT. GREY,LACUSTRINE,STIFF,LAYERED,AGE GLACIAL, WATER STABLE AT 267.9 FEET.
Stratum ID:	218513999	**Top Depth(m):**	4.9
Bottom Depth(m):	6.4	**Stratum Desc:**	TILL,CLAY,SILT,SHALEGLACIAL,HARD,AGE GLACIAL. 018 018032038 010 000050390

---

31 **1 of 1** **SSW/136.5** **79.7 / 0.82** **ON** **BORE**

Borehole ID:	640920	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614230	**Northing::**	4823423
Location Accuracy::		**Orig. Ground Elev m::**	81.7
Elev. Reliability Note::		**DEM Ground Elev m::**	81.2
Total Depth m::	2.7	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494076	**Top Depth(m):**	0.6
Bottom Depth(m):	1.1	**Stratum Desc:**	SAND-MEDIUM,CLAY, SILT. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494077	**Top Depth(m):**	1.1
Bottom Depth(m):	2.7	**Stratum Desc:**	SAND-MEDIUM,CLAY, SILT. GREY,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494073	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494074	**Top Depth(m):**	0.1
Bottom Depth(m):	0.3	**Stratum Desc:**	FILL,GRAVEL. BROWN.
Stratum ID:	218494075	**Top Depth(m):**	0.3
Bottom Depth(m):	0.6	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.

---

32 **1 of 1** **NNE/140.0** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	649453	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614330	**Northing::**	4823678
Location Accuracy::		**Orig. Ground Elev m::**	83.5
Elev. Reliability Note::		**DEM Ground Elev m::**	81.5
Total Depth m::	5	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	DEC-1959	**Static Water Level::**	.2
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218527022	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	SOIL.
Stratum ID:	218527023	**Top Depth(m):**	0.3
Bottom Depth(m):	2.4	**Stratum Desc:**	SAND. GREY,VERY DENSE, WATER STABLE AT 273.5 FEET.
Stratum ID:	218527024	**Top Depth(m):**	2.4
Bottom Depth(m):	5.0	**Stratum Desc:**	TILL,CLAY,SAND, GRAVEL. GREY,VERY DENSE. 020 011 0001005000080065

---

33 **1 of 1** **WNW/140.2** **78.9 / 0.08** **ON** **BORE**

Borehole ID:	833865	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Hollow stem auger	**UTM Zone::**	17
Easting::	614141	**Northing::**	4823627
Location Accuracy::		**Orig. Ground Elev m::**	83.8
Elev. Reliability Note::		**DEM Ground Elev m::**	81.1
Total Depth m::	5	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	17-DEC-1959	**Static Water Level::**	1.8
Primary Water Use::		**Sec. Water Use::**	

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

--Details--

Stratum ID:	6014682	***Top Depth(m):***	0.0
Bottom Depth(m):	0.3	***Stratum Desc:***	Topsoil
Stratum ID:	6014683	***Top Depth(m):***	0.3
Bottom Depth(m):	3.7	***Stratum Desc:***	Medium to dense, light brown, silty sand with a seam of brown, sandy clay at 2.13m
Stratum ID:	6014684	***Top Depth(m):***	3.7
Bottom Depth(m):	5.0	***Stratum Desc:***	Dense glacial till (grey, silty clay with gravel & fine sand)

---

34 ***1 of 1*** ***NNE/141.0*** ***79.8 / 1.00*** ***ON*** ***BORE***

Borehole ID:	649452	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	
Drill Method::	Diamond Drill	***UTM Zone::***	17
Easting::	614340	***Northing::***	4823673
Location Accuracy::		***Orig. Ground Elev m::***	83.3
Elev. Reliability Note::		***DEM Ground Elev m::***	81.8
Total Depth m::	7.6	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	JUN-1959	***Static Water Level::***	.4
Primary Water Use::	Not Used	***Sec. Water Use::***	

--Details--

Stratum ID:	218527019	***Top Depth(m):***	0.0
Bottom Depth(m):	1.1	***Stratum Desc:***	SAND.
Stratum ID:	218527020	***Top Depth(m):***	1.1
Bottom Depth(m):	2.4	***Stratum Desc:***	CLAY,SILT. GREY,DENSE, WATER STABLE AT 272.1 FEET.
Stratum ID:	218527021	***Top Depth(m):***	2.4
Bottom Depth(m):	7.6	***Stratum Desc:***	TILL,CLAY,SILT, STONES. GREY,VERY DENSE. 022 010 0003504000080085

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35 ***1 of 1*** ***NNE/141.5*** ***79.8 / 1.00*** ***ON*** ***BORE***

Borehole ID:	833855	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	Decommissioned
Drill Method::	Hollow stem auger	***UTM Zone::***	17
Easting::	614334	***Northing::***	4823677
Location Accuracy::		***Orig. Ground Elev m::***	83.3
Elev. Reliability Note::		***DEM Ground Elev m::***	81.6
Total Depth m::	7.6	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	02-JUN-1959	***Static Water Level::***	3.7
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	6014650	***Top Depth(m):***	0.0
Bottom Depth(m):	1.1	***Stratum Desc:***	Fine sand
Stratum ID:	6014651	***Top Depth(m):***	1.1
Bottom Depth(m):	2.4	***Stratum Desc:***	Grey, silty clay

Stratum ID:	6014652	**Top Depth(m):**	2.4
Bottom Depth(m):	7.6	**Stratum Desc:**	Grey, silty clay or clayey silt with sand and small stones, (glacial till)

36 **1 of 1** **NNW/141.9** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	833843	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Hand auger	**UTM Zone::**	17
Easting::	614197	**Northing::**	4823682
Location Accuracy::		**Orig. Ground Elev m::**	84.4
Elev. Reliability Note::		**DEM Ground Elev m::**	83.2
Total Depth m::	2.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	21-JUN-1969	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014610	**Top Depth(m):**	0.0
Bottom Depth(m):	1.2	**Stratum Desc:**	Silty fine sand, brown, compact
Stratum ID:	6014611	**Top Depth(m):**	1.2
Bottom Depth(m):	2.1	**Stratum Desc:**	Clayey silt, some sand & gravel, (glacial till), very stiff

37 **1 of 1** **NNE/147.4** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	833849	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Hollow stem auger	**UTM Zone::**	17
Easting::	614325	**Northing::**	4823688
Location Accuracy::		**Orig. Ground Elev m::**	83.5
Elev. Reliability Note::		**DEM Ground Elev m::**	81.5
Total Depth m::	5	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	10-DEC-1959	**Static Water Level::**	1.5
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014630	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	Topsoil
Stratum ID:	6014631	**Top Depth(m):**	0.3
Bottom Depth(m):	2.4	**Stratum Desc:**	Dense, grey - brown, fine sand
Stratum ID:	6014632	**Top Depth(m):**	2.4
Bottom Depth(m):	5.0	**Stratum Desc:**	Dense, glacial till of grey, sandy clay with fine gravel layer of fine sand from 4.27m to 4.57m

38 **1 of 1** **W/148.5** **78.8 / 0.00** **ON** **BORE**

Borehole ID:	833844	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned

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

Drill Method::	Hand auger	**UTM Zone::**	17
Easting::	614114	**Northing::**	4823574
Location Accuracy::		**Orig. Ground Elev m::**	83.8
Elev. Reliability Note::		**DEM Ground Elev m::**	82.4
Total Depth m::	4	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	20-JUN-1969	**Static Water Level::**	2.7
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014612	**Top Depth(m):**	0.0
Bottom Depth(m):	3.3	**Stratum Desc:**	Silty fine sand, brown to grey, dense
Stratum ID:	6014613	**Top Depth(m):**	3.3
Bottom Depth(m):	4.0	**Stratum Desc:**	Clayey silt, some sand and gravel, (glacial till), grey, very stiff

---

39 | ***1 of 1*** | ***SSE/148.9*** | ***79.8 / 1.00*** | ***VERSACE LAWN CARE***
66 HIGH STREET EAST, #202
MISSISSAUGA ON L5G 1K2 | ***PES***

Licence No.:		**Operator Box:**	
Detail Licence No.:		**Operator Class:**	
Licence Type Code:	02	**Operator No.:**	
Licence Type:	Operator	**Operator Type:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Trade Name:		**Operator Region:**	
Post Office Box:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Oper Phone Area Cd:**	
Region:		**Ext:**	
District:		**Oper Phone Number:**	
County:		**Proponent Ext:**	

---

40 | ***1 of 1*** | ***ESE/149.2*** | ***79.8 / 1.00*** | ***ON*** | ***BORE***

Borehole ID:	640928	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614395	**Northing::**	4823488
Location Accuracy::		**Orig. Ground Elev m::**	80.6
Elev. Reliability Note::		**DEM Ground Elev m::**	80.3
Total Depth m::	-999	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494116	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494117	**Top Depth(m):**	0.1
Bottom Depth(m):	0.3	**Stratum Desc:**	FILL-MEDIUM,SAND, SILT,CLAY. BROWN.
Stratum ID:	218494118	**Top Depth(m):**	0.3
Bottom Depth(m):	0.8	**Stratum Desc:**	SOIL,SAND-MEDIUM, SILT,CLAY. BROWN.

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

Stratum ID:	218494119	**Top Depth(m):**	0.8
Bottom Depth(m):	1.2	**Stratum Desc:**	SAND-MEDIUM,CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494120	**Top Depth(m):**	1.2
Bottom Depth(m):	1.5	**Stratum Desc:**	CLAY,SAND,SILT. ALLUVIAL,AGE POST-GLACIAL.
Stratum ID:	218494121	**Top Depth(m):**	1.5
Bottom Depth(m):		**Stratum Desc:**	SAND-MEDIUM. ALLUVIAL,AGE POST-GLACIAL.

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41 **1 of 1** **ENE/151.5** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	833856	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Hollow stem auger	**UTM Zone::**	17
Easting::	614402	**Northing::**	4823613
Location Accuracy::		**Orig. Ground Elev m::**	82.6
Elev. Reliability Note::		**DEM Ground Elev m::**	82.5
Total Depth m::	6.9	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	02-JUN-1959	**Static Water Level::**	3.5
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014653	**Top Depth(m):**	0.0
Bottom Depth(m):	0.6	**Stratum Desc:**	Topsoil
Stratum ID:	6014654	**Top Depth(m):**	0.6
Bottom Depth(m):	0.9	**Stratum Desc:**	Fine sand
Stratum ID:	6014655	**Top Depth(m):**	0.9
Bottom Depth(m):	2.4	**Stratum Desc:**	Medium brown silty clay
Stratum ID:	6014656	**Top Depth(m):**	2.4
Bottom Depth(m):	6.9	**Stratum Desc:**	Stiff silty clay or clayey silt with sand and small stones, (glacial till)

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42 **1 of 2** **NNE/153.3** **79.8 / 1.00** **R.M. OF PEEL**
QUEEN ST.E/HURONTARIO ST.
MISSISSAUGA CITY ON **CA**

Certificate #:	3-0461-95-
Application Year:	95
Issue Date:	5/18/1995
Approval Type:	Municipal sewage
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
42	2 of 2	NNE/153.3	79.8 / 1.00	R.M. OF PEEL QUEEN ST.E/HURONTARIO ST. MISSISSAUGA CITY ON	CA

Certificate #: 7-0345-95-
Application Year: 95
Issue Date: 5/18/1995
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
43	1 of 6	S/153.8	79.8 / 1.00	Kanco-55 Park Ltd. 55 Park St E Mississauga ON	CA

Certificate #: 8999-7PKSRW
Application Year: 2009
Issue Date: 2/27/2009
Approval Type: Air
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
43	2 of 6	S/153.8	79.8 / 1.00	Kanco-55 Park Ltd. 55 Park St E Mississauga ON L4V 1R9	ECA

Approval No: 8999-7PKSRW
Approval Type: ECA-AIR
Status: Approved
Approval Date: 2009-02-27
Record Type: ECA
Project Type: AIR
Link Source: IDS
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3718-7NWSDQ-14.pdf

MOE District: Halton-Peel
SWP Area Name: Credit Valley
Address: 55 Park St E
City: Mississauga
Longitude: -79.58555
Latitude: 43.554775

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	3 of 6	S/153.8	79.8 / 1.00	55 Park Street East Mississauga ON	EHS

Order ID: 187554
Order No: 20110531030
Customer ID: 70787
Company ID: 77
Status: C
Report Code: 4CAN
Report Type: Custom Report
Report Date: 6/7/2011

Date Received: 5/31/2011 1:34:06 PM
Lot/Building Size:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
Large Radius: 2
X: -79.585866
Y: 43.554916

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

Report Requested by: Pinchin Environmental
Nearest Intersection:
Previous Site Name:
Additional Info Ordered:

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43 | ***4 of 6*** | ***S/153.8*** | ***79.8 / 1.00*** | ***55 PARK STREET EAST, MISSISSAUGA ON*** | ***INC***

Incident No: 1351280
Incident ID:
Attribute Category: FS-Perform L1 Incident Insp
Status Code:
Incident Location: 55 PARK STREET EAST, MISSISSAUGA - FIRE
Drainage System:
Sub Surface Contam.:
Aff. Prop. Use Water:
Contam. Migrated:
Contact Natural Env.:
Near Body of Water:
Approx. Quant. Rel.:
Equipment Model:
Serial No:
Residential App. Type:
Commercial App. Type:
Industrial App. Type:
Institutional App. Type:
Venting Type:
Vent Connector Mater:
Vent Chimney Mater:
Pipeline Type:
Pipeline Involved:
Pipe Material:
Depth Ground Cover:
Regulator Location:
Regulator Type:
Operation Pressure:
Liquid Prop Make:
Liquid Prop Model:
Liquid Prop Serial No:
Equipment Type:
Cylinder Capacity:
Cylinder Capac. Units:
Cylinder Material Type:
Tank Capacity:
Fuels Occurence Type: Fire
Fuel Type Involved: Natural Gas
Date of Occurence: 2014/03/10 00:00:00
Time of Occurence: 03:35:00
Occur Insp Start Date: 2014/03/10 00:00:00
Any Health Impact: No
Any Environmental Impact: No
Was Service Interrupted: Yes
Was Property Damaged: Yes
Operation Type Involved: Multi-unit Residential
Enforcement Policy: NULL
Prc Escalation Required: NULL
Task No: 4837033
Notes:
Occurence Narrative: CO produced by boiler with poor maintenance
Tank Material Type:
Tank Storage Type:
Tank Location Type:
Pump Flow Rate Capac:
Liquid Prop Notes:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	5 of 6	S/153.8	79.8 / 1.00	55 PARK STREET EAST, MISSISSAUGA ON	INC

Incident No:	1351280
Incident ID:	
Attribute Category:	FS-Perform L1 Incident Insp
Status Code:	
Incident Location:	55 PARK STREET EAST, MISSISSAUGA - FIRE
Drainage System:	
Sub Surface Contam.:	
Aff. Prop. Use Water:	
Contam. Migrated:	
Contact Natural Env.:	
Near Body of Water:	
Approx. Quant. Rel.:	
Equipment Model:	
Serial No:	
Residential App. Type:	
Commercial App. Type:	
Industrial App. Type:	
Institutional App. Type:	
Venting Type:	
Vent Connector Mater:	
Vent Chimney Mater:	
Pipeline Type:	
Pipeline Involved:	
Pipe Material:	
Depth Ground Cover:	
Regulator Location:	
Regulator Type:	
Operation Pressure:	
Liquid Prop Make:	
Liquid Prop Model:	
Liquid Prop Serial No:	
Equipment Type:	
Cylinder Capacity:	
Cylinder Capac. Units:	
Cylinder Material Type:	
Tank Capacity:	
Fuels Occurence Type:	Fire
Fuel Type Involved:	Natural Gas
Date of Occurence:	2014/03/10 00:00:00
Time of Occurence:	03:35:00
Occur Insp Start Date:	2014/03/10 00:00:00
Any Health Impact:	No
Any Environmental Impact:	No
Was Service Interrupted:	Yes
Was Property Damaged:	Yes
Operation Type Involved:	Multi-unit Residential
Enforcement Policy:	NULL
Prc Escalation Required:	NULL
Task No:	4900638
Notes:	
Occurence Narrative:	CO produced by boiler with poor maintenance
Tank Material Type:	
Tank Storage Type:	
Tank Location Type:	
Pump Flow Rate Capac:	
Liquid Prop Notes:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	6 of 6	S/153.8	79.8 / 1.00	55 PARK STREET EAST, MISSISSAUGA ON	INC

Incident No:	2019776
Incident ID:	
Attribute Category:	FS-Perform L1 Incident Insp
Status Code:	
Incident Location:	55 PARK STREET EAST, MISSISSAUGA - CO RELEASE
Drainage System:	
Sub Surface Contam.:	
Aff. Prop. Use Water:	
Contam. Migrated:	
Contact Natural Env.:	
Near Body of Water:	
Approx. Quant. Rel.:	
Equipment Model:	
Serial No:	
Residential App. Type:	
Commercial App. Type:	
Industrial App. Type:	
Institutional App. Type:	
Venting Type:	
Vent Connector Mater:	
Vent Chimney Mater:	
Pipeline Type:	
Pipeline Involved:	
Pipe Material:	
Depth Ground Cover:	
Regulator Location:	
Regulator Type:	
Operation Pressure:	
Liquid Prop Make:	
Liquid Prop Model:	
Liquid Prop Serial No:	
Equipment Type:	
Cylinder Capacity:	
Cylinder Capac. Units:	
Cylinder Material Type:	
Tank Capacity:	
Fuels Occurence Type:	CO Release
Fuel Type Involved:	Natural Gas
Date of Occurence:	2017/02/04 00:00:00
Time of Occurence:	21:37:00
Occur Insp Start Date:	2017/02/06 00:00:00
Any Health Impact:	No
Any Environmental Impact:	No
Was Service Interrupted:	Yes
Was Property Damaged:	No
Operation Type Involved:	Multi-unit Residential
Enforcement Policy:	NULL
Prc Escalation Required:	NULL
Task No:	6621149
Notes:	
Occurence Narrative:	98 ppm at boiler
Tank Material Type:	
Tank Storage Type:	
Tank Location Type:	
Pump Flow Rate Capac:	
Liquid Prop Notes:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
44	1 of 1	E/156.6	79.8 / 1.00	90 High Street East, Mississauga ON	PINC

Incident ID: **Health Impact:**

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

Incident No:	789716	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	Yes
Status Code:	Pipeline Damage Reason Est	**Service Interupt:**	
Fuel Occurrence Tp:		**Enforce Policy:**	Yes
Fuel Type:		**Public Relation:**	
Tank Status:	RC Established	**Pipeline System:**	
Task No:	3788069	**Depth:**	
Spills Action Centre:		**Pipe Material:**	
Method Details:	E-mail	**PSIG:**	
Fuel Category:	Natural Gas	**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:		**Regualtor Location:**	
Occurrence Start Date:	2012/04/13		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	90 High Street East, Mississauga - 1/2" Pipeline Hit		
Reported By:	Jeffrey.Bruce@enbridge.com		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Excavation practices not sufficient		
Notes:			

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45 **1 of 1** **W/156.9** **78.8 / 0.00** **ON** **BORE**

Borehole ID:	649446	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614105	**Northing::**	4823553
Location Accuracy::		**Orig. Ground Elev m::**	83.8
Elev. Reliability Note::		**DEM Ground Elev m::**	83.7
Total Depth m::	5.9	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JUN-1969	**Static Water Level::**	.2
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218527001	**Top Depth(m):**	0.0
Bottom Depth(m):	0.5	**Stratum Desc:**	FILL,SAND,GRAVEL.
Stratum ID:	218527002	**Top Depth(m):**	0.5
Bottom Depth(m):	5.5	**Stratum Desc:**	SAND,SILT. BROWN,VERY DENSE, WATER STABLE AT 274.2 FEET.
Stratum ID:	218527003	**Top Depth(m):**	5.5
Bottom Depth(m):	5.9	**Stratum Desc:**	TILL,SILT,CLAY,SAND.GREY,GLACIAL,HARD . 0001505000180075

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46 **1 of 1** **ENE/157.0** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	649448	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Diamond Drill	**UTM Zone::**	17
Easting::	614410	**Northing::**	4823608
Location Accuracy::		**Orig. Ground Elev m::**	82.6
Elev. Reliability Note::		**DEM Ground Elev m::**	82.4
Total Depth m::	6.9	**Primary Name::**	
Township::		**Concession::**	

Lot:: ***Municipality:***
Completion Date:: JUN-1959 ***Static Water Level::*** -999.9
Primary Water Use:: Not Used ***Sec. Water Use::***

--Details--

Stratum ID:	218527007	***Top Depth(m):***	0.0
Bottom Depth(m):	0.6	***Stratum Desc:***	SOIL.
Stratum ID:	218527008	***Top Depth(m):***	0.6
Bottom Depth(m):	0.9	***Stratum Desc:***	SAND.
Stratum ID:	218527009	***Top Depth(m):***	0.9
Bottom Depth(m):	2.4	***Stratum Desc:***	CLAY,SILT. BROWN,HARD.
Stratum ID:	218527010	***Top Depth(m):***	2.4
Bottom Depth(m):	6.9	***Stratum Desc:***	TILL,CLAY,SILT,SAND.HARD. 016 010 0003004000080080

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47 ***1 of 6*** ***WSW/158.1*** ***78.8 / 0.00*** ***GEN***

Metrolinx
30 Queen Street East
Mississauga ON L5H 1L4

Generator No.: ON5182768 ***PO Box No.:***
Status: ***Country:*** Canada
Approval Years: 2016 ***Choice of Contact:*** CO_ADMIN
Contam. Facility: No ***Co Admin:*** Cathy Lumsden
MHSW Facility: No ***Phone No. Admin:*** 416-202-5167 Ext.
SIC Code: 482114
SIC Description: 482114

--Details--
Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

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47 ***2 of 6*** ***WSW/158.1*** ***78.8 / 0.00*** ***GEN***

Metrolinx
30 Queen Street East
Mississauga ON L5H 1L4

Generator No.: ON5182768 ***PO Box No.:***
Status: ***Country:*** Canada
Approval Years: 2015 ***Choice of Contact:*** CO_ADMIN
Contam. Facility: No ***Co Admin:*** Cathy Lumsden
MHSW Facility: No ***Phone No. Admin:*** 905-803-8008 Ext.2607
SIC Code: 482114
SIC Description: 482114

--Details--
Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

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47 ***3 of 6*** ***WSW/158.1*** ***78.8 / 0.00*** ***GEN***

Metrolinx
30 Queen Street East
Mississauga ON L5H 1L4

Generator No.: ON5182768 ***PO Box No.:***
Status: ***Country:*** Canada
Approval Years: 2014 ***Choice of Contact:*** CO_OFFICIAL
Contam. Facility: No ***Co Admin:*** Emily Cosburn

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

MHSW Facility: No
SIC Code: 482114
SIC Description: 482114
Phone No. Admin: (416) 869-3600 Ext.5209

--Details--
Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

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47 | ***4 of 6*** | ***WSW/158.1*** | ***78.8 / 0.00*** | ***GEN***

Metrolinx
30 Queen Street East
Mississauga ON L5H 1L4

Generator No.: ON5182768
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No.:
Country: Canada
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 146 L
Waste Description: Other specified inorganic sludges, slurries or solids

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47 | ***5 of 6*** | ***WSW/158.1*** | ***78.8 / 0.00*** | ***GEN***

Metrolinx
30 Queen Street East
Mississauga ON L5G 3B7

Generator No.: ON2615101
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No.:
Country: Canada
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 146 L
Waste Description: Other specified inorganic sludges, slurries or solids

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47 | ***6 of 6*** | ***WSW/158.1*** | ***78.8 / 0.00*** | ***WWIS***

Mississauga ON

Well ID: 7234471
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z192922
Tag: A168568
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Data Entry Status:
Data Src:
Date Received: 12/30/2014
Selected Flag: 1
Abandonment Rec:
Contractor: 7295
Form Version: 7
Owner:
Street Name: 30 QUEEN ST E
County:
Municipality:
Site Info:
Lot:
Concession:
Concession Name:

Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005281118
DP2BR:
Code OB:
Code OB Desc:
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr
Org CS: UTM83
Date Completed: 10/24/2014

Overburden and Bedrock Materials Interval

Formation ID: 1005471806
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2:
Other Materials:
Mat3: 11
Other Materials: GRAVEL
Formation Top Depth: 0.00
Formation End Depth: 3.00
Formation End Depth UOM: ft

Formation ID: 1005471807
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3: 08
Other Materials: FINE SAND
Formation Top Depth: 3.00
Formation End Depth: 8.00
Formation End Depth UOM: ft

Formation ID: 1005471808
Layer: 3
Color: 2
General Color: GREY
Mat1: 34
Most Common Material: TILL
Mat2:
Other Materials:
Mat3:
Other Materials:

Formation Top Depth: 8.00
Formation End Depth: 22.00
Formation End Depth UOM: ft

Formation ID: 1005471809
Layer: 4
Color: 2
General Color: GREY
Mat1: 34
Most Common Material: TILL
Mat2: 17
Other Materials: SHALE
Mat3:
Other Materials:
Formation Top Depth: 22.00
Formation End Depth: 30.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005471816
Layer: 1
Plug From: 0.00
Plug To: 24.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1005471815
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1005471805
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005471812
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.00
Depth To: 25.00
Casing Diameter: 1.80
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005471813
Layer: 1
Slot: 10
Screen Top Depth: 25.00
Screen End Depth: 30.00
Screen Material: 5

Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.00

Water Details

Water ID: 1005471811
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005471810
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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48 **1 of 1** **N/158.8** **79.8 / 1.00** **ON** **BORE**

Borehole ID: 833871
Use: Geotechnical/Geological Investigation
Drill Method:: Diamond Drill
Easting:: 614276
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 10.7
Township::
Lot::
Completion Date:: 01-MAR-1962
Primary Water Use::

Type: Borehole
Status:: Decommissioned
UTM Zone:: 17
Northing:: 4823714
Orig. Ground Elev m:: 84.8
DEM Ground Elev m:: 83.6
Primary Name::
Concession::
Municipality:
Static Water Level:: 1.7
Sec. Water Use::

--Details--

Stratum ID: 6014709
Bottom Depth(m): 0.9
Top Depth(m): 0.0
Stratum Desc: Loose, brown, silt, sand, and cinders

Stratum ID: 6014710
Bottom Depth(m): 1.6
Top Depth(m): 0.9
Stratum Desc: Stiff, grey, clayey silt and sand and gravel fill

Stratum ID: 6014711
Bottom Depth(m): 1.8
Top Depth(m): 1.6
Stratum Desc: Sandy topsoil, brick fragments

Stratum ID: 6014712
Bottom Depth(m): 2.5
Top Depth(m): 1.8
Stratum Desc: Brown, moist, clayey silty fine sand

Stratum ID: 6014713
Bottom Depth(m): 3.8
Top Depth(m): 2.5
Stratum Desc: Hard, brown, clay with some pebbles

Stratum ID: 6014714
Bottom Depth(m): 7.6
Top Depth(m): 3.8
Stratum Desc: Hard, grey, sandy clayey silt with some gravel; limestone gravel or slabs at least 0.05m thick between 6m and 6.4m

Stratum ID: 6014715
Bottom Depth(m): 9.4
Top Depth(m): 7.6
Stratum Desc: Very dense, slightly cohesive silty sand with some gravel

Stratum ID: 6014716
Top Depth(m): 9.4

Bottom Depth(m):	10.7	**Stratum Desc:**	Bedrock - Hard limestone with some interbeds of dark grey shale

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49 **1 of 1** **WSW/162.5** **78.8 / 0.00** **ON** **BORE**

Borehole ID:	640918	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614125	**Northing::**	4823468
Location Accuracy::		**Orig. Ground Elev m::**	86.9
Elev. Reliability Note::		**DEM Ground Elev m::**	83.3
Total Depth m::	2.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494068	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494069	**Top Depth(m):**	0.1
Bottom Depth(m):	0.3	**Stratum Desc:**	FILL,GRAVEL. BROWN.
Stratum ID:	218494070	**Top Depth(m):**	0.3
Bottom Depth(m):	2.1	**Stratum Desc:**	SAND,SILT,CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL. SAND

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50 **1 of 1** **E/164.0** **79.8 / 1.00** **High Street, Park Street East & Hurontario Street Mississauga ON** **CA**

Certificate #:	0657-4SGM38
Application Year:	00
Issue Date:	12/29/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name::	Corporation of the Regional Municipality of Peel
Client Address::	10 Peel Centre Drive
Client City::	Brampton
Client Postal Code::	L6T 4B9
Project Description::	Watermain and appurtenances to be constructed in conjunction with Project no. 00-1310 in the City of Mississauga, on High Street, Park Street East and Hurontario Street.
Contaminants::	
Emission Control::	

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51 **1 of 1** **N/166.5** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	833850	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Hollow stem auger	**UTM Zone::**	17
Easting::	614293	**Northing::**	4823719
Location Accuracy::		**Orig. Ground Elev m::**	83.8
Elev. Reliability Note::		**DEM Ground Elev m::**	81.8
Total Depth m::	5.8	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	11-DEC-1959	**Static Water Level::**	1.5

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

Primary Water Use:: ***Sec. Water Use::***

--Details--

Stratum ID:	6014633	***Top Depth(m):***	0.0
Bottom Depth(m):	0.6	***Stratum Desc:***	Gravel, sand and cinders (fill material)
Stratum ID:	6014634	***Top Depth(m):***	0.6
Bottom Depth(m):	2.1	***Stratum Desc:***	Medium to dense, brown, fine, sand
Stratum ID:	6014635	***Top Depth(m):***	2.1
Bottom Depth(m):	3.0	***Stratum Desc:***	Dense, brown, glacial till of sandy clay with fine gravel
Stratum ID:	6014636	***Top Depth(m):***	3.0
Bottom Depth(m):	5.8	***Stratum Desc:***	Dense, grey, glacial till of silty clay with fine gravel

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52 ***1 of 1*** ***NNE/166.7*** ***79.8 / 1.00*** ***ON*** ***BORE***

Borehole ID:	649454	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	
Drill Method::	Power auger	***UTM Zone::***	17
Easting::	614300	***Northing::***	4823718
Location Accuracy::		***Orig. Ground Elev m::***	83.8
Elev. Reliability Note::		***DEM Ground Elev m::***	81.7
Total Depth m::	5.8	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	DEC-1959	***Static Water Level::***	.2
Primary Water Use::	Not Used	***Sec. Water Use::***	

--Details--

Stratum ID:	218527025	***Top Depth(m):***	0.0
Bottom Depth(m):	0.6	***Stratum Desc:***	FILL,GRAVEL,SAND, CINDERS.
Stratum ID:	218527026	***Top Depth(m):***	0.6
Bottom Depth(m):	2.1	***Stratum Desc:***	SAND. BROWN,COMPACT, WATER STABLE AT 274.5 FEET.
Stratum ID:	218527027	***Top Depth(m):***	2.1
Bottom Depth(m):	3.0	***Stratum Desc:***	TILL,CLAY,SAND, GRAVEL. BROWN,VERY DENSE.
Stratum ID:	218527028	***Top Depth(m):***	3.0
Bottom Depth(m):	5.8	***Stratum Desc:***	TILL,CLAY,SILT, GRAVEL. GREY,VERY DENSE. 022 009 005 00020035000700

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53 ***1 of 1*** ***SE/166.9*** ***79.8 / 1.00*** ***ON*** ***BORE***

Borehole ID:	640925	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	
Drill Method::	Power auger	***UTM Zone::***	17
Easting::	614375	***Northing::***	4823433
Location Accuracy::		***Orig. Ground Elev m::***	78.3
Elev. Reliability Note::		***DEM Ground Elev m::***	78.3
Total Depth m::	1.2	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	

Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494101	**Top Depth(m):**	0.0
Bottom Depth(m):	0.0	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494102	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	FILL,GRAVEL.
Stratum ID:	218494103	**Top Depth(m):**	0.2
Bottom Depth(m):	0.6	**Stratum Desc:**	CLAY,SILT,SAND. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494104	**Top Depth(m):**	0.6
Bottom Depth(m):	1.2	**Stratum Desc:**	SILT(45),SAND(37), CLAY(18). ALLUVIAL,AGE POST-GLACIAL. L.

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54 **1 of 1** **WSW/167.7** **78.8 / 0.00** **ON** **BORE**

Borehole ID:	833902	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Boring	**UTM Zone::**	17
Easting::	614098	**Northing::**	4823517
Location Accuracy::		**Orig. Ground Elev m::**	85.5
Elev. Reliability Note::		**DEM Ground Elev m::**	84.2
Total Depth m::	5.9	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	25-MAY-1972	**Static Water Level::**	4.1
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014828	**Top Depth(m):**	0.0
Bottom Depth(m):	4.1	**Stratum Desc:**	Asphalt top 0.03m, sand and gravel (occasional pieces of coal and wood), (fill), loose to compact
Stratum ID:	6014829	**Top Depth(m):**	4.1
Bottom Depth(m):	5.8	**Stratum Desc:**	Silty fine sand, brown, very dense, boulder
Stratum ID:	6014830	**Top Depth(m):**	5.8
Bottom Depth(m):	5.9	**Stratum Desc:**	Glacial till - hard

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55 **1 of 1** **WNW/171.0** **78.8 / 0.00** **ON** **BORE**

Borehole ID:	833841	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614094	**Northing::**	4823592
Location Accuracy::		**Orig. Ground Elev m::**	83.8
Elev. Reliability Note::		**DEM Ground Elev m::**	82.6
Total Depth m::	5.9	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	20-JUN-1969	**Static Water Level::**	2.4
Primary Water Use::		**Sec. Water Use::**	

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

--Details--

Stratum ID:	6014604	***Top Depth(m):***	0.5
Bottom Depth(m):	5.5	***Stratum Desc:***	Silty fine sand, brown to grey, compact to very dense
Stratum ID:	6014605	***Top Depth(m):***	5.5
Bottom Depth(m):	5.9	***Stratum Desc:***	Clayey silt with some sand and gravel, glacial till, grey, hard
Stratum ID:	6014602	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	Asphalt
Stratum ID:	6014603	***Top Depth(m):***	0.1
Bottom Depth(m):	0.5	***Stratum Desc:***	Sand & gravel (fill)

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56 ***1 of 1*** ***E/171.6*** ***79.8 / 1.00*** ***ON*** ***BORE***

Borehole ID:	833854	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	Decommissioned
Drill Method::	Hollow stem auger	***UTM Zone::***	17
Easting::	614431	***Northing::***	4823584
Location Accuracy::		***Orig. Ground Elev m::***	81.8
Elev. Reliability Note::		***DEM Ground Elev m::***	82.3
Total Depth m::	6.7	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	01-JUN-1959	***Static Water Level::***	1.4
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	6014647	***Top Depth(m):***	0.0
Bottom Depth(m):	2.7	***Stratum Desc:***	Fine to very fine sand (saturated below 1.52m)
Stratum ID:	6014648	***Top Depth(m):***	2.7
Bottom Depth(m):	5.3	***Stratum Desc:***	Grey, hard, silty clay or clayey silt, with sand and stones up to 0.05m in diameter
Stratum ID:	6014649	***Top Depth(m):***	5.3
Bottom Depth(m):	6.7	***Stratum Desc:***	Glacial till

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57 ***1 of 1*** ***ESE/173.2*** ***79.8 / 1.00*** ***FRAM GROUP (CANADA) INC*** ***Ann and High St*** ***Mississauga ON*** ***SPL***

Ref No:	0641-ARZQ9U	***Sector Type:***	Miscellaneous Industrial
Contaminant Name:	WASHWATER (N.O.S.)	***Source Type:***	Truck - Transport/Hauling
Contaminant Code:	28	***Receiving Medium:***	
Contaminant Limit 1:		***Receiving Env:***	Surface Water
Contam Limit Freq 1:		***Environment Impact:***	
Contaminant UN No 1:	n/a	***Nature of Impact:***	
Contaminant Qty:	20 L	***SAC Action Class:***	Land Spills
Material Group:		***Year:***	
MOE Reported Dt:	10/10/2017	***Site Address:***	Ann and High St
Health/Env Conseq:	2 - Minor Environment	***Site Conc:***	
Incident Dt:	10/10/2017	***Site Lot:***	
Incident Cause:		***Site County/District:***	Regional Municipality of Peel
Incident Event:	Leak/Break	***Site Municipality:***	Mississauga
Incident Reason:	Operator/Human Error	***Site Postal Code:***	
Incident Summary:	Fran Group discharge of cement washout of trucks		

58 **1 of 1** **N/174.2** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	833872	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Diamond Drill	**UTM Zone::**	17
Easting::	614254	**Northing::**	4823729
Location Accuracy::		**Orig. Ground Elev m::**	85.2
Elev. Reliability Note::		**DEM Ground Elev m::**	83.9
Total Depth m::	11.5	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	01-MAR-1962	**Static Water Level::**	6.1
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014721	**Top Depth(m):**	3.8
Bottom Depth(m):	7.6	**Stratum Desc:**	Hard, grey, sandy clayey silt with gravel (limestone gravel or slabs up to 0.13m thick from 6.46m to 6.77m)
Stratum ID:	6014722	**Top Depth(m):**	7.6
Bottom Depth(m):	11.5	**Stratum Desc:**	Dense, slightly cohesive, silty sand with coarse gravel, limestone boulders or slabs below 8.69m, drilled 10.03m to 11.52m through limestone boulders in glacial till; drill on partial pressure - not bedrock
Stratum ID:	6014717	**Top Depth(m):**	0.0
Bottom Depth(m):	0.6	**Stratum Desc:**	Cinders and gravel up to 0.08m
Stratum ID:	6014718	**Top Depth(m):**	0.6
Bottom Depth(m):	1.2	**Stratum Desc:**	Stiff to very stiff, brown clay fill - some organic material and gravel
Stratum ID:	6014719	**Top Depth(m):**	1.2
Bottom Depth(m):	2.0	**Stratum Desc:**	Moist to wet, uniform fine sand, some sandy topsoil at 1.83m
Stratum ID:	6014720	**Top Depth(m):**	2.0
Bottom Depth(m):	3.8	**Stratum Desc:**	(No data)

59 **1 of 1** **N/175.7** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	833870	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Diamond Drill	**UTM Zone::**	17
Easting::	614287	**Northing::**	4823729
Location Accuracy::		**Orig. Ground Elev m::**	84.6
Elev. Reliability Note::		**DEM Ground Elev m::**	82.9
Total Depth m::	12.3	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	01-MAR-1962	**Static Water Level::**	5.6
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014708	**Top Depth(m):**	10.7
Bottom Depth(m):	12.3	**Stratum Desc:**	Bedrock - hard, dark grey, shale

Stratum ID:	6014703	**Top Depth(m):**	0.0
Bottom Depth(m):	1.4	**Stratum Desc:**	Loose cinders (dry)
Stratum ID:	6014704	**Top Depth(m):**	1.4
Bottom Depth(m):	1.8	**Stratum Desc:**	Wet, sandy topsoil (pieces of brick and cinders)
Stratum ID:	6014705	**Top Depth(m):**	1.8
Bottom Depth(m):	3.7	**Stratum Desc:**	Hard, brown, clay with some gravel
Stratum ID:	6014706	**Top Depth(m):**	3.7
Bottom Depth(m):	7.0	**Stratum Desc:**	Hard, grey, sandy clayey silt with pebbles, more sand and gravel sizes below 6.1m
Stratum ID:	6014707	**Top Depth(m):**	7.0
Bottom Depth(m):	10.7	**Stratum Desc:**	Very dense, slightly cohesive silty fine sand with medium to coarse limestone gravel

60 **1 of 1** **SSE/177.5** **79.8 / 1.00** **12 Helene St N Mississauga ON L5G** **EHS**

Order ID:	201343	**Date Received:**	1/24/2012 2:38:53 PM
Order No:	20120124021	**Lot/Building Size:**	
Customer ID:	52107	**Municipality:**	
Company ID:	97	**Client Prov/State:**	ON
Status:	C	**Search Radius (km):**	0.25
Report Code:	3CAN	**Large Radius:**	2
Report Type:	Standard Report	**X:**	-79.584748
Report Date:	2/2/2012 2:39:53 PM	**Y:**	43.554666
Report Requested by:	exp Services Inc.		
Nearest Intersection:			
Previous Site Name:			
Additional Info Ordered:			

61 **1 of 1** **NNW/180.5** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	833842	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614201	**Northing::**	4823726
Location Accuracy::		**Orig. Ground Elev m::**	84.4
Elev. Reliability Note::		**DEM Ground Elev m::**	81.5
Total Depth m::	5.9	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	20-JUN-1969	**Static Water Level::**	2.4
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014606	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	Asphalt
Stratum ID:	6014607	**Top Depth(m):**	0.1
Bottom Depth(m):	0.3	**Stratum Desc:**	Sand and gravel (fill)
Stratum ID:	6014608	**Top Depth(m):**	0.3
Bottom Depth(m):	1.8	**Stratum Desc:**	Silty fine sand, brown, dense
Stratum ID:	6014609	**Top Depth(m):**	1.8
Bottom Depth(m):	5.9	**Stratum Desc:**	Clayey silt with some sand and gravel, (glacial till), grey, hard

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

62 1 of 1 ESE/180.9 79.8 / 1.00 ON BORE

Borehole ID:	640924	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614435	**Northing::**	4823503
Location Accuracy::		**Orig. Ground Elev m::**	190
Elev. Reliability Note::		**DEM Ground Elev m::**	80.5
Total Depth m::	1.2	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494096	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494097	**Top Depth(m):**	0.1
Bottom Depth(m):	0.2	**Stratum Desc:**	FILL,GRAVEL. BROWN.
Stratum ID:	218494098	**Top Depth(m):**	0.2
Bottom Depth(m):	0.4	**Stratum Desc:**	SAND-MEDIUM. YELLOW,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494099	**Top Depth(m):**	0.4
Bottom Depth(m):	0.6	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494100	**Top Depth(m):**	0.6
Bottom Depth(m):	1.2	**Stratum Desc:**	SAND-MEDIUM. YELLOW,ALLUVIAL, AGE POST-GLACIAL. SAND-

63 1 of 1 NNW/181.2 79.8 / 1.00 ON BORE

Borehole ID:	649455	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Diamond Drill	**UTM Zone::**	17
Easting::	614225	**Northing::**	4823733
Location Accuracy::		**Orig. Ground Elev m::**	84.3
Elev. Reliability Note::		**DEM Ground Elev m::**	82.7
Total Depth m::	5	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	DEC-1959	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218527032	**Top Depth(m):**	2.4
Bottom Depth(m):	5.0	**Stratum Desc:**	TILL,CLAY,SILT, GRAVEL. VERY DENSE. 026 014 010 0001004200050055000
Stratum ID:	218527029	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	SOIL.
Stratum ID:	218527030	**Top Depth(m):**	0.3
Bottom Depth(m):	1.5	**Stratum Desc:**	SAND,SILT,CLAY. DENSE.

Stratum ID:	218527031	**Top Depth(m):**	1.5
Bottom Depth(m):	2.4	**Stratum Desc:**	SAND. VERY DENSE.

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64 **1 of 1** **SSE/183.1** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	640926	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614355	**Northing::**	4823398
Location Accuracy::		**Orig. Ground Elev m::**	77.1
Elev. Reliability Note::		**DEM Ground Elev m::**	77.6
Total Depth m::	2.7	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494107	**Top Depth(m):**	0.3
Bottom Depth(m):	0.5	**Stratum Desc:**	FILL,SAND,SILT,CLAY.BROWN.
Stratum ID:	218494108	**Top Depth(m):**	0.5
Bottom Depth(m):	0.9	**Stratum Desc:**	FILL,SAND,SILT,CLAY.YELLOW.
Stratum ID:	218494109	**Top Depth(m):**	0.9
Bottom Depth(m):	1.8	**Stratum Desc:**	FILL,CINDERS,SAND, SILT.
Stratum ID:	218494110	**Top Depth(m):**	1.8
Bottom Depth(m):	2.4	**Stratum Desc:**	ORGANIC,SAND,SILT, CLAY. AGE POST-GLACIAL.
Stratum ID:	218494111	**Top Depth(m):**	2.4
Bottom Depth(m):	2.7	**Stratum Desc:**	SILT,SAND,CLAY. BLACK,LAYERED, AGE POST-GLACIAL.
Stratum ID:	218494105	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	FILL,GRAVEL.
Stratum ID:	218494106	**Top Depth(m):**	0.2
Bottom Depth(m):	0.3	**Stratum Desc:**	FILL,GRAVEL,CINDERS.

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65 **1 of 1** **SSE/183.8** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	641138	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614325	**Northing::**	4823383
Location Accuracy::		**Orig. Ground Elev m::**	77.3
Elev. Reliability Note::		**DEM Ground Elev m::**	77.6
Total Depth m::	2.4	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494914	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	ASPHALT.

Stratum ID:	218494915	**Top Depth(m):**	0.1
Bottom Depth(m):	0.2	**Stratum Desc:**	FILL,GRAVEL.
Stratum ID:	218494916	**Top Depth(m):**	0.2
Bottom Depth(m):	1.5	**Stratum Desc:**	SAND,SILT,CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494917	**Top Depth(m):**	1.5
Bottom Depth(m):	2.4	**Stratum Desc:**	SAND,SILT,CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL. . SAND-M

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66 **1 of 1** **E/183.9** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	649447	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Diamond Drill	**UTM Zone::**	17
Easting::	614445	**Northing::**	4823573
Location Accuracy::		**Orig. Ground Elev m::**	81.8
Elev. Reliability Note::		**DEM Ground Elev m::**	82.2
Total Depth m::	6.8	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1959	**Static Water Level::**	.1
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218527004	**Top Depth(m):**	0.0
Bottom Depth(m):	2.7	**Stratum Desc:**	SAND. DENSE.
Stratum ID:	218527005	**Top Depth(m):**	2.7
Bottom Depth(m):	5.3	**Stratum Desc:**	CLAY,SILT. WATER STABLE AT 268.2 FEET.
Stratum ID:	218527006	**Top Depth(m):**	5.3
Bottom Depth(m):	6.8	**Stratum Desc:**	TILL. 010 00000040CLAY

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67 **1 of 1** **E/184.0** **79.8 / 1.00** **MISSISSAUGA ON** **WWIS**

Well ID:	7104773	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	5/1/2008
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7082
Casing Material:		**Form Version:**	3
Audit No:	Z70743	**Owner:**	
Tag:	A057183	**Street Name:**	15 HURNOTARIP STREET
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	MISSISSAUGA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1001585176	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	3
Code OB Desc:		**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	wwr
Elevation:	82.661506	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	4/22/2008
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1001628743
Layer:	1
Plug From:	0.00
Plug To:	7.16
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1001628747
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	AUGERING

Pipe Information

Pipe ID:	1001628740
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1001628745
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1001628746
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm

Screen Diameter:

Water Details

Water ID: 1001628744
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1001628742
Diameter: 15.24
Depth From: 0.00
Depth To: 7.16
Hole Depth UOM: m
Hole Diameter UOM: cm

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68 | ***1 of 1*** | ***SE/189.3*** | ***79.8 / 1.00*** | ***Home Alone Property Management Services Limited***
10 ANN ST, MISSISSAUGA, ON, L5G 3E6
ON L5G 3E6 | ***RSC***

Reg No: 112316
RA No:
RSC Type:
Curr Property Use: Commercial
District Office: MISSISSAUGA
Date Submitted: 21-Jun-11
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
Asmt Roll No:
Prop. ID No: 13463-0038 (LT)
CPU Issued Sect 1686: No
Property Municipal Address: 10 ANN ST, MISSISSAUGA, ON, L5G 3E6
Mailing Address: 10 ANN ST, MISSISSAUGA, ON, L5G 3E6
Latitude & Latitude: 43.55517830N 79.58351560W (converted from UTM)
UTM Coordinates: NAD83 17-614411-4823444
Consultant:
Filing Owner:
Legal Desc: Parts of Lots No. 2 and 3 South side of High Street East of the River Credit City of Mississauga Regional Municipality of Peel Land Registry Office of Peel (No. 3) More particularly described in Schedule "A" attached.
Measurement Method: Digitized from a map
Applicable Standards: ESA Phase 1
RSC PDF:

Cert Date: 7-Jun-11
Cert Prop Use No: No CPU
Intended Prop Use: Residential
Nm of Qual. Person: Rob Jones
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): Yes
Accuracy Estimate: 0 to 1 meters
Telephone: 905-2719922
Fax:
Email:

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69 | ***1 of 1*** | ***SE/190.8*** | ***79.8 / 1.00*** | ***10 ANN STREET, MISSISSAUGA, ON L5G 2E6***
Mississauga ON | ***RSC***

Reg No: 223748
RA No:
RSC Type: Phase 1 and 2 RSC
Curr Property Use: Commercial
District Office: Halton-Peel District Office
Date Submitted: 2017/09/05
Date Ack:
Date Returned:

Cert Date:
Cert Prop Use No:
Intended Prop Use: Residential
Nm of Qual. Person: SAMUEL OYEDOKUN
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N):
Accuracy Estimate:

Restoration Type: ***Telephone:***
Soil Type: ***Fax:***
Criteria: ***Email:***
Asmt Roll No: 210509000413100
Prop. ID No: 13463-0188 (LT)
CPU Issued Sect 1686:
Property Municipal Address: 10 ANN STREET, MISSISSAUGA, ON L5G 2E6
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant:
Filing Owner: F.S. 6810 DEVELOPMENT INC.
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=85711&fileName=BROWNFIELDS-E.pdf

--Details--
Document Heading: Supporting Documents
Document Type: Table of Current and Past Property Use
Document Name: Tableof CandPUses.pdf
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=85714&fileName=Tableof+CandPUses.pdf

Document Heading: Supporting Documents
Document Type: A Current plan of Survey
Document Name: Planof Survey.pdf
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=85712&fileName=Planof+Survey.pdf

Document Heading: Supporting Documents
Document Type: Certificate of Status
Document Name: Certof Status.pdf
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=85707&fileName=Certof+Status.pdf

Document Heading: Supporting Documents
Document Type: Copy of any deed(s), transfer(s) or other document(s)
Document Name: Transferdeed.pdf
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=85709&fileName=Transferdeed.pdf

Document Heading: Supporting Documents
Document Type: Lawyer's letter consisting of a legal description of the property
Document Name: LawyersLetter.pdf
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=85713&fileName=LawyersLetter.pdf

Document Heading: Supporting Documents
Document Type: Area(s) of Potential Environmental Concern
Document Name: ApecTable.pdf
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=85704&fileName=ApecTable.pdf

Document Heading: Supporting Documents
Document Type: Phase 2 Conceptual Site Model
Document Name: PhaseTwoCSM.pdf
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=85706&fileName=PhaseTwoCSM.pdf

70	*1 of 1*	*N/191.3*	*79.8 / 1.00*	*ON*	*BORE*

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

Borehole ID:	833873	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Diamond Drill	**UTM Zone::**	17
Easting::	614268	**Northing::**	4823747
Location Accuracy::		**Orig. Ground Elev m::**	85.1
Elev. Reliability Note::		**DEM Ground Elev m::**	83
Total Depth m::	11.3	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	01-MAR-1962	**Static Water Level::**	1.1
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014723	**Top Depth(m):**	0.0
Bottom Depth(m):	0.9	**Stratum Desc:**	Dry cinders
Stratum ID:	6014724	**Top Depth(m):**	0.9
Bottom Depth(m):	1.6	**Stratum Desc:**	Dense, brown, sandy clay, fill, with large gravel sizes
Stratum ID:	6014725	**Top Depth(m):**	1.6
Bottom Depth(m):	3.8	**Stratum Desc:**	Wet, clayey sand, topsoil; becoming wet, brown, uniform fine sand
Stratum ID:	6014726	**Top Depth(m):**	3.8
Bottom Depth(m):	4.1	**Stratum Desc:**	Very stiff, brown, clay
Stratum ID:	6014727	**Top Depth(m):**	4.1
Bottom Depth(m):	8.0	**Stratum Desc:**	Hard, grey, sandy clayey silt with gravel, coarser gravel and boulders below 5.79m
Stratum ID:	6014728	**Top Depth(m):**	8.0
Bottom Depth(m):	11.3	**Stratum Desc:**	Very dense, slightly cohesive silty sand with gravel, numerous limestone slabs and boulders below 9.14m

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71	***1 of 1***	***N/197.3***	***79.8 / 1.00***	***ON***	***BORE***

Borehole ID:	649456	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614260	**Northing::**	4823753
Location Accuracy::		**Orig. Ground Elev m::**	84.1
Elev. Reliability Note::		**DEM Ground Elev m::**	81.8
Total Depth m::	6.2	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	DEC-1959	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218527033	**Top Depth(m):**	0.0
Bottom Depth(m):	1.2	**Stratum Desc:**	FILL,SAND,GRAVEL, CINDERS.
Stratum ID:	218527034	**Top Depth(m):**	1.2
Bottom Depth(m):	1.8	**Stratum Desc:**	SAND. BROWN,DENSE.
Stratum ID:	218527035	**Top Depth(m):**	1.8
Bottom Depth(m):	2.7	**Stratum Desc:**	TILL,CLAY,SAND, GRAVEL. BROWN,VERY DENSE.
Stratum ID:	218527036	**Top Depth(m):**	2.7

Bottom Depth(m):	6.2	**Stratum Desc:**	CLAY,SILT,GRAVEL. GREY,VERY DENSE. 016 009 010 00040045000600530009

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72 | **1 of 1** | **SE/198.1** | **79.8 / 1.00** | **ON** | **WWIS**

Well ID:	7267968	**Data Entry Status:**	Date Entry is incomplete
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	7/28/2016
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7230
Casing Material:		**Form Version:**	8
Audit No:	C33944	**Owner:**	
Tag:	A203341	**Street Name:**	
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	MISSISSAUGA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006177173	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	4
Code OB Desc:		**UTMRC Desc:**	margin of error : 30 m - 100 m
Open Hole:		**Location Method:**	wwr
Elevation:	80.004341	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	6/22/2016
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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73 | **1 of 1** | **SE/198.5** | **79.8 / 1.00** | **FRAM GROUP (CANADA) INC**
69 High St. E
Mississauga ON | **SPL**

Ref No:	3448-AMNA27	**Sector Type:**	Other
Contaminant Name:	CONCRETE	**Source Type:**	Other
Contaminant Code:	27	**Receiving Medium:**	
Contaminant Limit 1:		**Receiving Env:**	Land
Contam Limit Freq 1:		**Environment Impact:**	
Contaminant UN No 1:	n/a	**Nature of Impact:**	
Contaminant Qty:	1 n/a	**SAC Action Class:**	
Material Group:		**Year:**	
MOE Reported Dt:	5/24/2017	**Site Address:**	69 High St. E
Health/Env Conseq:	2 - Minor Environment	**Site Conc:**	
Incident Dt:	5/24/2017	**Site Lot:**	
Incident Cause:		**Site County/District:**	Regional Municipality of Peel
Incident Event:	Operator/Human error	**Site Municipality:**	Mississauga

Incident Reason:	Deliberate Act	**Site Postal Code:**	
Incident Summary:	Mississauga: concrete, drill bits and wash water to CB's		

74 **1 of 1** **SSW/201.0** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	640921	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614190	**Northing::**	4823368
Location Accuracy::		**Orig. Ground Elev m::**	80.3
Elev. Reliability Note::		**DEM Ground Elev m::**	80.1
Total Depth m::	2.7	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494078	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494079	**Top Depth(m):**	0.1
Bottom Depth(m):	0.2	**Stratum Desc:**	FILL,GRAVEL.
Stratum ID:	218494080	**Top Depth(m):**	0.2
Bottom Depth(m):	0.3	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. ALLUVIAL,AGE POST-GLACIAL.
Stratum ID:	218494081	**Top Depth(m):**	0.3
Bottom Depth(m):	1.5	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. GREY,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494082	**Top Depth(m):**	1.5
Bottom Depth(m):	2.1	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. GREY,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494083	**Top Depth(m):**	2.1
Bottom Depth(m):	2.7	**Stratum Desc:**	SAND-MEDIUM TO COARSE,CLAY,SILT. GREY,ALLUVIAL, AGE POST-GLACIAL.

75 **1 of 1** **SSE/202.7** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	639274	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614325	**Northing::**	4823363
Location Accuracy::		**Orig. Ground Elev m::**	76.5
Elev. Reliability Note::		**DEM Ground Elev m::**	77.4
Total Depth m::	.9	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218487723	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	WATER.

Stratum ID:	218487724	**Top Depth(m):**	0.2
Bottom Depth(m):	0.8	**Stratum Desc:**	ORGANIC. BLACK,AGE POST-GLACIAL.
Stratum ID:	218487725	**Top Depth(m):**	0.8
Bottom Depth(m):	0.9	**Stratum Desc:**	SILT,SAND,CLAY. GREY,ALLUVIAL,FIRM, AGE POST-GLACIAL. CLAY. BR

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76 **1 of 1** **N/204.9** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	833851	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Hollow stem auger	**UTM Zone::**	17
Easting::	614248	**Northing::**	4823760
Location Accuracy::		**Orig. Ground Elev m::**	84.1
Elev. Reliability Note::		**DEM Ground Elev m::**	81.5
Total Depth m::	6.2	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	14-DEC-1959	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014637	**Top Depth(m):**	0.0
Bottom Depth(m):	1.2	**Stratum Desc:**	Sand, gravel and cinders (fill material)
Stratum ID:	6014638	**Top Depth(m):**	1.2
Bottom Depth(m):	1.8	**Stratum Desc:**	Dense, brown, fine to medium sand
Stratum ID:	6014639	**Top Depth(m):**	1.8
Bottom Depth(m):	2.7	**Stratum Desc:**	Dense, glacial till of brown sandy clay with fine gravel
Stratum ID:	6014640	**Top Depth(m):**	2.7
Bottom Depth(m):	6.2	**Stratum Desc:**	Dense, glacial till of grey silty clay with fine gravel

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77 **1 of 1** **WSW/206.7** **79.7 / 0.82** **ON** **BORE**

Borehole ID:	649443	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Diamond Drill	**UTM Zone::**	17
Easting::	614065	**Northing::**	4823493
Location Accuracy::		**Orig. Ground Elev m::**	82.2
Elev. Reliability Note::		**DEM Ground Elev m::**	83.4
Total Depth m::	4.9	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	DEC-1959	**Static Water Level::**	.2
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218526992	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	SOIL.
Stratum ID:	218526993	**Top Depth(m):**	0.3
Bottom Depth(m):	1.2	**Stratum Desc:**	FILL,SAND. BROWN, WATER STABLE AT 269.1 FEET.
Stratum ID:	218526994	**Top Depth(m):**	1.2

Bottom Depth(m): 2.4 **Stratum Desc:** SAND,SILT,ORGANIC. BROWN,COMPACT.

Stratum ID: 218526995 **Top Depth(m):** 2.4
Bottom Depth(m): 3.7 **Stratum Desc:** SAND,SILT. GREY,VERY DENSE.

Stratum ID: 218526996 **Top Depth(m):** 3.7
Bottom Depth(m): 4.9 **Stratum Desc:** TILL,CLAY,SILT, GRAVEL. GREY,DENSE.
021 013 008
0004001300080050001

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78 **1 of 1** **SE/206.8** **79.8 / 1.00** **Scott Insley** **RSC**
8 ANN ST, MISSISSAUGA, ON, L5G 3E6
ON L5G 3E6

Reg No: 112315 **Cert Date:** 7-Jun-11
RA No: **Cert Prop Use No:** No CPU
RSC Type: **Intended Prop Use:** Residential
Curr Property Use: Residential **Nm of Qual. Person:**
District Office: MISSISSAUGA **Stratified (Y/N):**
Date Submitted: 21-Jun-11 **Audit (Y/N):**
Date Ack: **Entire Leg Prop. (Y/N):** Yes
Date Returned: **Accuracy Estimate:** 0 to 1 meters
Restoration Type: **Telephone:** 905-2711318
Soil Type: **Fax:**
Criteria: **Email:**
Asmt Roll No:
Prop. ID No: 13463-0073(LT)
CPU Issued Sect 1686: No
Property Municipal Address: 8 ANN ST, MISSISSAUGA, ON, L5G 3E6
Mailing Address: 6 ANN ST, MISSISSAUGA, ON, L5G 3E6
Latitude & Latitude: 43.55500570N 79.58339580W (converted from UTM)
UTM Coordinates: NAD83 17-614421-4823425
Consultant:
Filing Owner:
Legal Desc: Part Lots 2 and 3, Plan PC2 ECR, S/S High Street, as in No. PC12760
Measurement Method: Digitized from a map
Applicable Standards: ESA Phase 1
RSC PDF:

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79 **1 of 1** **NW/208.6** **80.2 / 1.30** **PRIVATE RESIDENCE** **SPL**
40 ORIOLE AVE. FURNACE OIL TANK
MISSISSAUGA CITY ON L5G 1V2

Ref No: 121312 **Sector Type:**
Contaminant Name: **Source Type:**
Contaminant Code: **Receiving Medium:** LAND
Contaminant Limit 1: **Receiving Env:**
Contam Limit Freq 1: **Environment Impact:** POSSIBLE
Contaminant UN No 1: **Nature of Impact:** Soil contamination
Contaminant Qty: **SAC Action Class:**
Material Group: **Year:**
MOE Reported Dt: 11/29/1995 **Site Address:**
Health/Env Conseq: **Site Conc:**
Incident Dt: 11/28/1995 **Site Lot:**
Incident Cause: PIPE/HOSE LEAK **Site County/District:**
Incident Event: **Site Municipality:** 21102
Incident Reason: OVERSTRESS/OVERPRESSURE **Site Postal Code:**
Incident Summary: PRIVATE RESIDENCE: 1/2 L FURNACE OIL TO GROUND FROM VENT PIPE BACK-UP.

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
80	1 of 1	SW/210.1	78.8 / 0.00	ON	BORE

Borehole ID:	640919	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614095	**Northing::**	4823428
Location Accuracy::		**Orig. Ground Elev m::**	83.4
Elev. Reliability Note::		**DEM Ground Elev m::**	83.5
Total Depth m::	2.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494071	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494072	**Top Depth(m):**	0.1
Bottom Depth(m):	2.1	**Stratum Desc:**	SILT,SAND-MEDIUM, CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL. - GLACIAL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
81	1 of 1	WSW/211.3	79.5 / 0.63	ON	BORE

Borehole ID:	833906	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Boring	**UTM Zone::**	17
Easting::	614066	**Northing::**	4823475
Location Accuracy::		**Orig. Ground Elev m::**	85.6
Elev. Reliability Note::		**DEM Ground Elev m::**	83.9
Total Depth m::	3.2	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	30-MAY-1972	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014838	**Top Depth(m):**	0.0
Bottom Depth(m):	3.2	**Stratum Desc:**	Asphalt top 0.03m, sand and gravel, trace of silt, (occasional pieces of wood and brick), fill, loose to compact

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
82	1 of 1	E/211.5	79.8 / 1.00	OSHAWA FOODS 25 HURONTARIO STREET RETAIL STORE MISSISSAUGA CITY ON	SPL

Ref No:	123765	**Sector Type:**	
Contaminant Name:		**Source Type:**	
Contaminant Code:		**Receiving Medium:**	AIR
Contaminant Limit 1:		**Receiving Env:**	
Contam Limit Freq 1:		**Environment Impact:**	POSSIBLE
Contaminant UN No 1:		**Nature of Impact:**	Air Pollution
Contaminant Qty:		**SAC Action Class:**	
Material Group:		**Year:**	
MOE Reported Dt:	2/20/1996	**Site Address:**	
Health/Env Conseq:		**Site Conc:**	
Incident Dt:	2/19/1996	**Site Lot:**	
Incident Cause:	PIPE/HOSE LEAK	**Site County/District:**	

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

Incident Event:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: HURONTARIO PRICE CHOPPER-34 KG FREON R-22 TO ATM, LINE LEAK,REPAIRED.
Site Municipality: 21102
Site Postal Code:

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83 | **1 of 1** | **S/211.7** | **79.8 / 1.00** | **50 High Street Mississauga ON** | **EHS**

Order ID: 261635
Order No: 20130726007
Customer ID: 53147
Company ID: 77
Status: C
Report Code: 4CAN
Report Type: Custom Report
Report Date: 01-AUG-13
Report Requested by: Pinchin Ltd
Nearest Intersection:
Previous Site Name:
Additional Info Ordered:
Date Received: 26-JUL-13
Lot/Building Size:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
Large Radius: 2
X: -79.585158
Y: 43.554303

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84 | **1 of 1** | **SW/211.8** | **78.8 / 0.00** | **ON** | **BORE**

Borehole ID: 640914
Use: Geotechnical/Geological Investigation
Drill Method:: Power auger
Easting:: 614110
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 2.7
Township::
Lot::
Completion Date:: JAN-1965
Primary Water Use:: Not Used
Type: Borehole
Status::
UTM Zone:: 17
Northing:: 4823408
Orig. Ground Elev m:: 82.7
DEM Ground Elev m:: 82.7
Primary Name::
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--

Stratum ID: 218494049
Bottom Depth(m): 0.0
Top Depth(m): 0.0
Stratum Desc: ASPHALT.

Stratum ID: 218494050
Bottom Depth(m): 0.2
Top Depth(m): 0.0
Stratum Desc: FILL,GRAVEL. GREY.

Stratum ID: 218494051
Bottom Depth(m): 1.2
Top Depth(m): 0.2
Stratum Desc: SAND,CLAY,SILT. GREY,ALLUVIAL, AGE POST-GLACIAL.

Stratum ID: 218494052
Bottom Depth(m): 2.1
Top Depth(m): 1.2
Stratum Desc: SAND-MEDIUM,CLAY, SILT. GREY,ALLUVIAL, AGE POST-GLACIAL.

Stratum ID: 218494053
Bottom Depth(m): 2.7
Top Depth(m): 2.1
Stratum Desc: SAND-MEDIUM,SILT, CLAY. GREY,ALLUVIAL,MOIST, AGE POST-GLACIAL.

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85 | **1 of 1** | **ESE/212.2** | **79.8 / 1.00** | **8 Ann St, 6 Ann St, 10 Ann St. Mississauga ON** | **EHS**

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

Order ID:	187084	**Date Received:**	5/16/2011 3:36:21 PM
Order No:	20110516026	**Lot/Building Size:**	
Customer ID:	77867	**Municipality:**	
Company ID:	93	**Client Prov/State:**	ON
Status:	C	**Search Radius (km):**	0.25
Report Code:	3CAN	**Large Radius:**	2
Report Type:	Standard Report	**X:**	-79.583198
Report Date:	5/18/2011	**Y:**	43.555214
Report Requested by:	Terraprobe Ltd		
Nearest Intersection:			
Previous Site Name:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

86 **1 of 1** **SSE/214.0** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	641137	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614355	**Northing::**	4823363
Location Accuracy::		**Orig. Ground Elev m::**	77.1
Elev. Reliability Note::		**DEM Ground Elev m::**	77.5
Total Depth m::	2.4	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494910	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	GRAVEL. ALLUVIAL,AGE POST-GLACIAL.
Stratum ID:	218494911	**Top Depth(m):**	0.3
Bottom Depth(m):	0.8	**Stratum Desc:**	SAND,SILT,CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494912	**Top Depth(m):**	0.8
Bottom Depth(m):	1.8	**Stratum Desc:**	SAND-MEDIUM,CLAY. ALLUVIAL,AGE POST-GLACIAL.
Stratum ID:	218494913	**Top Depth(m):**	1.8
Bottom Depth(m):	2.4	**Stratum Desc:**	SAND-MEDIUM,SILT. ALLUVIAL,AGE POST-GLACIAL.

87 **1 of 1** **NNW/214.0** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	833864	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Hollow stem auger	**UTM Zone::**	17
Easting::	614200	**Northing::**	4823761
Location Accuracy::		**Orig. Ground Elev m::**	84.3
Elev. Reliability Note::		**DEM Ground Elev m::**	82
Total Depth m::	5	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	17-DEC-1959	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014678	**Top Depth(m):**	0.0

Bottom Depth(m):	0.3	**Stratum Desc:**	Topsoil
Stratum ID:	6014679	**Top Depth(m):**	0.3
Bottom Depth(m):	1.5	**Stratum Desc:**	Medium to dense, silty fine to medium sand with clay
Stratum ID:	6014680	**Top Depth(m):**	1.5
Bottom Depth(m):	2.4	**Stratum Desc:**	Dense, grey, fine, sand
Stratum ID:	6014681	**Top Depth(m):**	2.4
Bottom Depth(m):	5.0	**Stratum Desc:**	Dense, glacial till (grey, silty clay with gravel and pockets of fine sand)

88 **1 of 1** **SE/214.0** **79.8 / 1.00** **SPL**

PUC
7 HELENE ST. PORT CREDIT
MISSISSAUGA CITY ON

Ref No:	12986	**Sector Type:**	
Contaminant Name:		**Source Type:**	
Contaminant Code:		**Receiving Medium:**	LAND
Contaminant Limit 1:		**Receiving Env:**	
Contam Limit Freq 1:		**Environment Impact:**	
Contaminant UN No 1:		**Nature of Impact:**	
Contaminant Qty:		**SAC Action Class:**	
Material Group:		**Year:**	
MOE Reported Dt:	12/21/1988	**Site Address:**	
Health/Env Conseq:		**Site Conc:**	
Incident Dt:	12/21/1988	**Site Lot:**	
Incident Cause:	OTHER CONTAINER LEAK	**Site County/District:**	
Incident Event:		**Site Municipality:**	21102
Incident Reason:	OTHER	**Site Postal Code:**	
Incident Summary:			

89 **1 of 1** **SSW/214.2** **79.7 / 0.90** **BORE**

ON

Borehole ID:	640913	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614150	**Northing::**	4823373
Location Accuracy::		**Orig. Ground Elev m::**	80.5
Elev. Reliability Note::		**DEM Ground Elev m::**	80.6
Total Depth m::	-999	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494045	**Top Depth(m):**	0.0
Bottom Depth(m):	0.0	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494046	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	FILL,GRAVEL.
Stratum ID:	218494047	**Top Depth(m):**	0.1
Bottom Depth(m):	1.2	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. BROWN,ALLUVIAL,LAYERED, AGE POST-GLACIAL.
Stratum ID:	218494048	**Top Depth(m):**	1.2
Bottom Depth(m):		**Stratum Desc:**	SAND-MEDIUM,CLAY, SILT.

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

BROWN,ALLUVIAL,WET, AGE POST-GLACIAL.

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90 *1 of 2* *SW/214.6* *79.4 / 0.59*

MISSISSAUGA HYDRO (PCB)
57 ELIZABETH ST. C/O 3240 MAVIS RD.
MISSISSAUGA ON L5C 3K1

GEN

Generator No.:	ON0124344	***PO Box No.:***	
Status:		***Country:***	
Approval Years:	90	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No. Admin:***	
SIC Code:	0000		
SIC Description:	*** NOT DEFINED ***		

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90 *2 of 2* *SW/214.6* *79.4 / 0.59*

MISSISSAUGA HYDRO (PCB) ***00-000***
57 ELIZABETH ST. C/O 3240 MAVIS RD.
MISSISSAUGA ON L5C 3K1

GEN

Generator No.:	ON0124344	***PO Box No.:***	
Status:		***Country:***	
Approval Years:	92,93,94	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No. Admin:***	
SIC Code:	0000		
SIC Description:	*** NOT DEFINED ***		

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91 *1 of 1* *NE/214.9* *79.8 / 1.00*

ON

BORE

Borehole ID:	640888	***Type:***	Borehole
Use:		***Status::***	
Drill Method::		***UTM Zone::***	17
Easting::	614435	***Northing::***	4823683
Location Accuracy::		***Orig. Ground Elev m::***	80.8
Elev. Reliability Note::		***DEM Ground Elev m::***	81.7
Total Depth m::	2.3	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::		***Static Water Level::***	-999.9
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	218493925	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	ASPHALT.
Stratum ID:	218493926	***Top Depth(m):***	0.1
Bottom Depth(m):	0.5	***Stratum Desc:***	GRAVEL,SILT,SAND, CLAY. FLUVIO-GLACIAL,AGE GLACIAL.
Stratum ID:	218493927	***Top Depth(m):***	0.5
Bottom Depth(m):	0.8	***Stratum Desc:***	CLAY,SILT,SAND. GREY,FLUVIO-GLACIAL, AGE GLACIAL.
Stratum ID:	218493928	***Top Depth(m):***	0.8
Bottom Depth(m):	2.3	***Stratum Desc:***	CLAY,SILT,SAND,TILL.GLACIAL,DRY,AGE GLACIAL. AGE GLACIAL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
92	1 of 1	WSW/217.9	78.8 / 0.00	ON	BORE

Borehole ID: 833903
Use: Geotechnical/Geological Investigation
Drill Method:: Boring
Easting:: 614062
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 6.9
Township::
Lot::
Completion Date:: 26-MAY-1972
Primary Water Use::
Type: Borehole
Status:: Decommissioned
UTM Zone:: 17
Northing:: 4823467
Orig. Ground Elev m:: 85.6
DEM Ground Elev m:: 83.9
Primary Name::
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--

Stratum ID: 6014831
Bottom Depth(m): 4.7
Top Depth(m): 0.0
Stratum Desc: Asphalt top 0.04m, sand and gravel, trace of silt, (trace of organic matter throughout), fill, compact to very loose

Stratum ID: 6014832
Bottom Depth(m): 6.4
Top Depth(m): 4.7
Stratum Desc: Clayey silt, grey, very stiff

Stratum ID: 6014833
Bottom Depth(m): 6.9
Top Depth(m): 6.4
Stratum Desc: Heterogeneous mixture of clayey silt, sand and gravel (glacial till), very stiff

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
93	1 of 1	N/219.7	79.8 / 1.00	ON	BORE

Borehole ID: 649457
Use: Geotechnical/Geological Investigation
Drill Method:: Diamond Drill
Easting:: 614230
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 6.9
Township::
Lot::
Completion Date:: JUN-1959
Primary Water Use:: Not Used
Type: Borehole
Status::
UTM Zone:: 17
Northing:: 4823773
Orig. Ground Elev m:: 84.2
DEM Ground Elev m:: 82.3
Primary Name::
Concession::
Municipality:
Static Water Level:: .2
Sec. Water Use::

--Details--

Stratum ID: 218527037
Bottom Depth(m): 2.1
Top Depth(m): 0.0
Stratum Desc: SAND,CLAY. VERY DENSE.

Stratum ID: 218527038
Bottom Depth(m): 6.9
Top Depth(m): 2.1
Stratum Desc: TILL,CLAY,SILT,SAND.VERY DENSE, WATER STABLE AT 275.6 FEET. 010 0000005000070065VERY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
94	1 of 1	WSW/221.2	78.8 / -0.02	ON	BORE

Borehole ID: 833866
Use: Geotechnical/Geological Investigation
Drill Method:: Hollow stem auger
Easting:: 614046
Location Accuracy::
Elev. Reliability Note::
Type: Borehole
Status:: Decommissioned
UTM Zone:: 17
Northing:: 4823504
Orig. Ground Elev m:: 82.2
DEM Ground Elev m:: 79.6

Total Depth m::	5	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	18-DEC-1959	**Static Water Level::**	2.1
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6014685	**Top Depth(m):**	0.0
Bottom Depth(m):	0.3	**Stratum Desc:**	Topsoil
Stratum ID:	6014686	**Top Depth(m):**	0.3
Bottom Depth(m):	1.2	**Stratum Desc:**	Fill material (medium, brown, fine sand)
Stratum ID:	6014687	**Top Depth(m):**	1.2
Bottom Depth(m):	2.4	**Stratum Desc:**	Medium brown, silty sand mixed with organic matter above 1.77m
Stratum ID:	6014688	**Top Depth(m):**	2.4
Bottom Depth(m):	3.7	**Stratum Desc:**	Dense, grey, fine sand with silt
Stratum ID:	6014689	**Top Depth(m):**	3.7
Bottom Depth(m):	5.0	**Stratum Desc:**	Dense, glacial till (grey, silty clay with fine gravel)

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95 | ***1 of 1*** | ***SE/221.4*** | ***79.8 / 1.00*** | ***Scott Insley*** | ***RSC***

6 ANN ST, MISSISSAUGA, ON, L5G 3E6,
ON L5G 3E6

Reg No:	112310	**Cert Date:**	7-Jun-11
RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential
Curr Property Use:	Residential	**Nm of Qual. Person:**	
District Office:	MISSISSAUGA	**Stratified (Y/N):**	
Date Submitted:	21-Jun-11	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	Yes
Date Returned:		**Accuracy Estimate:**	0 to 1 meters
Restoration Type:		**Telephone:**	905-2711318
Soil Type:		**Fax:**	
Criteria:		**Email:**	
Asmt Roll No:			
Prop. ID No:	13463-0072(LT)		
CPU Issued Sect 1686:	No		
Property Municipal Address:	6 ANN ST, MISSISSAUGA, ON, L5G 3E6,		
Mailing Address:	6 ANN ST, MISSISSAUGA, ON, L5G 3E6		
Latitude & Latitude:	43.55496660N 79.58314910W (converted from UTM)		
UTM Coordinates:	NAD83 17-614441-4823421		
Consultant:			
Filing Owner:			
Legal Desc:	Part Lot 2, Plan PC2 ECR, N/S Toronto Street; Part Lots 2 & 3, Plan PC2 ECR, S/S High Street as in VS113631		
Measurement Method:	Digitized from a map		
Applicable Standards:	ESA Phase 1		
RSC PDF:			

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96 | ***1 of 1*** | ***SSW/222.5*** | ***79.8 / 1.00*** | ***Regional Municipality of Peel*** | ***SPL***

Elizabeth St. and Park St.
Mississauga ON

Ref No:	5502-9EN45T	**Sector Type:**	Water Supply
Contaminant Name:	WATER	**Source Type:**	
Contaminant Code:	99	**Receiving Medium:**	
Contaminant Limit 1:		**Receiving Env:**	

Contam Limit Freq 1:		**Environment Impact:**	Not Anticipated
Contaminant UN No 1:		**Nature of Impact:**	Surface Water Pollution
Contaminant Qty:	0 other - see incident description	**SAC Action Class:**	Watercourse Spills
Material Group:		**Year:**	
MOE Reported Dt:	2013/12/22	**Site Address:**	Elizabeth St. and Park St.
Health/Env Conseq:		**Site Conc:**	
Incident Dt:	2013/12/22	**Site Lot:**	
Incident Cause:	Leak/Break	**Site County/District:**	
Incident Event:		**Site Municipality:**	Mississauga
Incident Reason:	Equipment Failure	**Site Postal Code:**	
Incident Summary:	Region of Peel: Potable water to SS, Credit River, L. Ont.		

97 **1 of 1** **SSW/222.9** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	640912	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614195	**Northing::**	4823343
Location Accuracy::		**Orig. Ground Elev m::**	77.4
Elev. Reliability Note::		**DEM Ground Elev m::**	79.1
Total Depth m::	2.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494041	**Top Depth(m):**	0.1
Bottom Depth(m):	0.5	**Stratum Desc:**	SAND-MEDIUM,CLAY, SILT.
Stratum ID:	218494042	**Top Depth(m):**	0.5
Bottom Depth(m):	1.5	**Stratum Desc:**	SAND-MEDIUM,SILT, CLAY. GREY,ALLUVIAL,WET, AGE POST-GLACIAL.
Stratum ID:	218494043	**Top Depth(m):**	1.5
Bottom Depth(m):	1.8	**Stratum Desc:**	MUCK. BLACK,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494044	**Top Depth(m):**	1.8
Bottom Depth(m):	2.1	**Stratum Desc:**	CLAY,SAND,SILT. ALLUVIAL,FIRM, AGE POST-GLACIAL. PO
Stratum ID:	218494040	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	FILL,GRAVEL.

98 **1 of 1** **ESE/223.5** **79.8 / 1.00** **ON** **BORE**

Borehole ID:	640927	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614455	**Northing::**	4823443
Location Accuracy::		**Orig. Ground Elev m::**	80.2
Elev. Reliability Note::		**DEM Ground Elev m::**	79.9
Total Depth m::	1.5	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

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

--Details--

Stratum ID:	218494112	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	ASPHALT.
Stratum ID:	218494113	***Top Depth(m):***	0.1
Bottom Depth(m):	0.2	***Stratum Desc:***	FILL,GRAVEL.
Stratum ID:	218494114	***Top Depth(m):***	0.2
Bottom Depth(m):	0.4	***Stratum Desc:***	SAND-MEDIUM,SILT, CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494115	***Top Depth(m):***	0.4
Bottom Depth(m):	1.5	***Stratum Desc:***	SAND-MEDIUM,CLAY. BROWN,ALLUVIAL, AGE POST-GLACIAL. LAY. AGE

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99 ***1 of 1*** ***SSE/228.9*** ***79.8 / 1.00*** ***ON*** ***BORE***

Borehole ID:	639275	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	
Drill Method::	Power auger	***UTM Zone::***	17
Easting::	614315	***Northing::***	4823333
Location Accuracy::		***Orig. Ground Elev m::***	76.5
Elev. Reliability Note::		***DEM Ground Elev m::***	77.5
Total Depth m::	1.5	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	JAN-1965	***Static Water Level::***	-999.9
Primary Water Use::	Not Used	***Sec. Water Use::***	

--Details--

Stratum ID:	218487726	***Top Depth(m):***	0.0
Bottom Depth(m):	0.0	***Stratum Desc:***	ASPHALT.
Stratum ID:	218487727	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	FILL,GRAVEL. BROWN.
Stratum ID:	218487728	***Top Depth(m):***	0.1
Bottom Depth(m):	1.1	***Stratum Desc:***	ORGANIC-MEDIUM TO COARSE,SAND. BLACK,AGE POST-GLACIAL.
Stratum ID:	218487729	***Top Depth(m):***	1.1
Bottom Depth(m):	1.5	***Stratum Desc:***	SILT,CLAY,SAND MEDIUM. ALLUVIAL,AGE POST-GLACIAL.

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100 ***1 of 1*** ***N/229.0*** ***79.8 / 1.00*** ***ON*** ***BORE***

Borehole ID:	833860	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	Decommissioned
Drill Method::	Hollow stem auger	***UTM Zone::***	17
Easting::	614223	***Northing::***	4823781
Location Accuracy::		***Orig. Ground Elev m::***	84.2
Elev. Reliability Note::		***DEM Ground Elev m::***	82.3
Total Depth m::	6.9	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	03-JUN-1959	***Static Water Level::***	1.4
Primary Water Use::		***Sec. Water Use::***	

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

--Details--

Stratum ID:	6014663	***Top Depth(m):***	0.0
Bottom Depth(m):	2.1	***Stratum Desc:***	Fine sand with some clay
Stratum ID:	6014664	***Top Depth(m):***	2.1
Bottom Depth(m):	6.9	***Stratum Desc:***	Sandy silty clay with some stones, (glacial till)

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101 | ***1 of 2*** | ***ESE/233.0*** | ***79.8 / 1.00*** | ***EXCALIBUR INT'L CONSULTANTS*** ***10 Hurontario St*** ***Mississauga ON L5G 3G7*** | ***SCT***

Established:	1972
Plant Size (ft²):	1800
Employment:	3

--Details--

Description:	Other Publishers
SIC/NAICS Code:	511190

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101 | ***2 of 2*** | ***ESE/233.0*** | ***79.8 / 1.00*** | ***Excalibur International Consultants Ltd.*** ***10 Hurontario St*** ***Mississauga ON L5G 3G7*** | ***SCT***

Established:	1972
Plant Size (ft²):	1800
Employment:	4

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102 | ***1 of 1*** | ***SSW/237.3*** | ***79.8 / 1.00*** | ***ON*** | ***BORE***

Borehole ID:	640911	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	
Drill Method::	Power auger	***UTM Zone::***	17
Easting::	614215	***Northing::***	4823323
Location Accuracy::		***Orig. Ground Elev m::***	77
Elev. Reliability Note::		***DEM Ground Elev m::***	77.9
Total Depth m::	2.4	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	JAN-1965	***Static Water Level::***	-999.9
Primary Water Use::	Not Used	***Sec. Water Use::***	

--Details--

Stratum ID:	218494035	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	ASPHALT.
Stratum ID:	218494036	***Top Depth(m):***	0.1
Bottom Depth(m):	0.2	***Stratum Desc:***	FILL,GRAVEL.
Stratum ID:	218494037	***Top Depth(m):***	0.2
Bottom Depth(m):	0.9	***Stratum Desc:***	SAND-MEDIUM,SILT, CLAY,ORGANIC. GREY,ALLUVIAL, AGE POST-GLACIAL.
Stratum ID:	218494038	***Top Depth(m):***	0.9
Bottom Depth(m):	1.8	***Stratum Desc:***	SAND-MEDIUM,CLAY, SILT,ORGANIC. GREY,ALLUVIAL,WET, AGE POST-GLACIAL.
Stratum ID:	218494039	***Top Depth(m):***	1.8
Bottom Depth(m):	2.4	***Stratum Desc:***	CLAY,SAND,SILT. ALLUVIAL,FIRM, AGE

POST-GLACIAL.

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103 *1 of 1* *S/239.9* *79.8 / 1.00* *ON* **BORE**

Borehole ID:	640910	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614245	**Northing::**	4823303
Location Accuracy::		**Orig. Ground Elev m::**	76.8
Elev. Reliability Note::		**DEM Ground Elev m::**	77.5
Total Depth m::	2.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JAN-1965	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218494029	**Top Depth(m):**	0.0
Bottom Depth(m):	0.0	**Stratum Desc:**	ASPHALT.
Stratum ID:	218494030	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	FILL,GRAVEL.
Stratum ID:	218494031	**Top Depth(m):**	0.2
Bottom Depth(m):	0.4	**Stratum Desc:**	FILL,SAND,SILT,CLAY.YELLOW.
Stratum ID:	218494032	**Top Depth(m):**	0.4
Bottom Depth(m):	1.2	**Stratum Desc:**	ORGANIC,SAND,SILT, CLAY. BLACK,WET.
Stratum ID:	218494033	**Top Depth(m):**	1.2
Bottom Depth(m):	1.5	**Stratum Desc:**	SAND,SILT,CLAY, ORGANIC. ALLUVIAL,AGE POST-GLACIAL.
Stratum ID:	218494034	**Top Depth(m):**	1.5
Bottom Depth(m):	2.1	**Stratum Desc:**	CLAY,SAND,SILT. ALLUVIAL,FIRM, AGE POST-GLACIAL.

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104 *1 of 1* *SW/242.5* *79.1 / 0.25* ***28 Elizabeth Street North Mississauga ON L5G 2Z6*** **EHS**

Order ID:	65638	**Date Received:**	11/30/2005
Order No:	20051130005	**Lot/Building Size:**	
Customer ID:	8851	**Municipality:**	
Company ID:	27	**Client Prov/State:**	ON
Status:	C	**Search Radius (km):**	0.25
Report Code:	1CAN	**Large Radius:**	2
Report Type:	Site Report	**X:**	-79.6753
Report Date:	12/1/2005	**Y:**	43.554739
Report Requested by:	Construction Control Inc.		
Nearest Intersection:	Park Street East		
Previous Site Name:			
Additional Info Ordered:			

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105 *1 of 1* *S/243.7* *79.8 / 1.00* *ON* **BORE**

Borehole ID:	639276	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17

Easting::	614285	***Northing::***	4823313
Location Accuracy::		***Orig. Ground Elev m::***	76.6
Elev. Reliability Note::		***DEM Ground Elev m::***	77.5
Total Depth m::	1.5	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	JAN-1965	***Static Water Level::***	-999.9
Primary Water Use::	Not Used	***Sec. Water Use::***	

--Details--

Stratum ID:	218487730	***Top Depth(m):***	0.0
Bottom Depth(m):	0.0	***Stratum Desc:***	ASPHALT.
Stratum ID:	218487731	***Top Depth(m):***	0.0
Bottom Depth(m):	0.3	***Stratum Desc:***	FILL,GRAVEL.
Stratum ID:	218487732	***Top Depth(m):***	0.3
Bottom Depth(m):	1.5	***Stratum Desc:***	ORGANIC,SAND,SILT, CLAY. BLACK,AGE POST-GLACIAL.
Stratum ID:	218487733	***Top Depth(m):***	1.5
Bottom Depth(m):	1.5	***Stratum Desc:***	TILL,SAND,SILT,CLAY.BROWN,GLACIAL,AGE GLACIAL. POST-GLACIAL

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106 ***1 of 1*** ***NNE/245.7*** ***79.8 / 1.00*** ***ON*** ***BORE***

Borehole ID:	640721	***Type:***	Borehole
Use:		***Status::***	
Drill Method::		***UTM Zone::***	17
Easting::	614355	***Northing::***	4823783
Location Accuracy::		***Orig. Ground Elev m::***	81.7
Elev. Reliability Note::		***DEM Ground Elev m::***	82.4
Total Depth m::	3	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	1900	***Static Water Level::***	-999.9
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	218493307	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	ASPHALT. CRUSHED.
Stratum ID:	218493308	***Top Depth(m):***	0.1
Bottom Depth(m):	0.2	***Stratum Desc:***	GRAVEL,SAND,SILT, CLAY. FLUVIO-GLACIAL,AGE GLACIAL.
Stratum ID:	218493309	***Top Depth(m):***	0.2
Bottom Depth(m):	0.5	***Stratum Desc:***	SAND,SILT,CLAY. DARK,FLUVIO-GLACIAL, AGE GLACIAL.
Stratum ID:	218493310	***Top Depth(m):***	0.5
Bottom Depth(m):	0.9	***Stratum Desc:***	STONES,SAND,SILT, CLAY. FLUVIO-GLACIAL,AGE GLACIAL.
Stratum ID:	218493311	***Top Depth(m):***	0.9
Bottom Depth(m):	2.1	***Stratum Desc:***	SAND,CLAY,SILT. BROWN,FLUVIO-GLACIAL, AGE GLACIAL.
Stratum ID:	218493312	***Top Depth(m):***	2.1
Bottom Depth(m):	3.0	***Stratum Desc:***	SAND,SILT,CLAY. BROWN,FLUVIO-GLACIAL, AGE GLACIAL.

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
107	1 of 1	E/247.1	79.8 / 1.00	Mississauga ON	WWIS

Well ID:	7155591	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	12/8/2010
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	6607
Casing Material:		**Form Version:**	5
Audit No:	M07281	**Owner:**	
Tag:	A100950	**Street Name:**	150 LAKESHORE BLVD. EAST
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	MISSISSAUGA CITY (PORT CREDIT)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006147355	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	This is a record from cluster log sheet
Code OB:		**UTMRC:**	3
Code OB Desc:		**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	WWR
Elevation:		**Org CS:**	UTM83
Elevrc:		**Date Completed:**	7/23/2010
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006147359
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006147358
Method Construction Code:	
Method Construction:	
Other Method Construction:	BORING

Pipe Information

Pipe ID:	1006147360

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006147362
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 1.90
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006147361
Layer: 1
Slot:
Screen Top Depth: 1.90
Screen End Depth: 4.90
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1006147363
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1006147357
Diameter:
Depth From:
Depth To: 4.90
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1003431946
DP2BR:
Code OB:
Code OB Desc:
Spatial Status:
Cluster Kind:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m

Open Hole:	N	**Location Method:**	wwr
Elevation:	81.307434	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	7/23/2010
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006147374
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	0.00
Formation End Depth:	3.30
Formation End Depth UOM:	m

Formation ID:	1006147375
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	3.30
Formation End Depth:	5.70
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006147377
Layer:	1
Plug From:	0.00
Plug To:	0.30
Plug Depth UOM:	m

Plug ID:	1006147378
Layer:	2
Plug From:	0.30
Plug To:	2.10
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006147383
Method Construction Code:	6
Method Construction:	Boring

Other Method Construction:

Pipe Information

Pipe ID: 1006147373
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006147379
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.00
Depth To: 2.50
Casing Diameter: 5.10
Casing Diameter UOM: cm
Casing Depth UOM: m

Casing ID: 1006147380
Layer: 2
Material: 5
Open Hole or Material: PLASTIC
Depth From: 2.50
Depth To: 5.50
Casing Diameter: 5.10
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006147381
Layer: 1
Slot: 20
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.10

Hole Diameter

Hole ID: 1006147376
Diameter:
Depth From: 0.00
Depth To: 5.50
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1006147364
DP2BR:
Code OB:
Code OB Desc:
Open Hole:
Elevation:
Elevrc:
Remarks:

Spatial Status:
Cluster Kind: This is a record from cluster log sheet
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: WWR
Org CS: UTM83
Date Completed: 7/10/2010

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 1006147368
Layer:
Plug From:
Plug To:
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006147367
Method Construction Code:
Method Construction:
Other Method Construction: BORING

Pipe Information

Pipe ID: 1006147369
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006147371
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 2.50
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006147370
Layer: 1
Slot:
Screen Top Depth: 2.50
Screen End Depth: 5.50
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1006147372
Pump Set At:
Static Level:
Final Level After Pumping:

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

Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1006147366
Diameter:
Depth From:
Depth To: 5.50
Hole Depth UOM: m
Hole Diameter UOM: cm

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108 | ***1 of 1*** | ***ESE/247.1*** | ***79.8 / 1.00*** | ***Enersource Hydro Mississauga***
5 Ann Street
Mississauga ON L5G 3E8 | ***GEN***

Generator No.: ON4489026
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 221122
SIC Description:

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

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109 | ***1 of 7*** | ***SE/247.5*** | ***79.8 / 1.00*** | ***SKINNER & MIDDLEBROOK LTD.***
128 LAKESHORE ROAD EAST
MISSISSAUGA ON L5G 1E4 | ***GEN***

Generator No.: ONF025200
Status:
Approval Years: 88,89,90,00,01,03,04
Contam. Facility:
MHSW Facility:
SIC Code: 9731
SIC Description: FUNERAL HOMES

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

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

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109 | ***2 of 7*** | ***SE/247.5*** | ***79.8 / 1.00*** | ***SKINNER & MIDDLEBROOK LTD.*** | ***44-252*** | ***GEN***
128 LAKESHORE ROAD EAST
MISSISSAUGA ON L5G 1E4

Generator No.: ONF025200
Status:
Approval Years: 92,93,94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 9731

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

SIC Description: FUNERAL HOMES

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

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109 **3 of 7** **SE/247.5** **79.8 / 1.00** **SKINNER & MIDDLEBROOK LTD**
128 LAKESHORE ROAD EAST
MISSISSAUGA ON L5G 1E4 **GEN**

Generator No.: ONF025200
Status:
Approval Years: 97,98,99
Contam. Facility:
MHSW Facility:
SIC Code: 9731
SIC Description: FUNERAL HOMES

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

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

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109 **4 of 7** **SE/247.5** **79.8 / 1.00** **Skinner & Middlebrook Ltd.**
128 Lakeshore Rd.E.
Mississauga ON L5G 1E4 **GEN**

Generator No.: ON8373977
Status:
Approval Years: 02,03,04,07,08
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

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109 **5 of 7** **SE/247.5** **79.8 / 1.00** **Skinner & Middlebrook Ltd.**
128 Lakeshore Rd.E.
Mississauga ON L5G 1E4 **GEN**

Generator No.: ON8373977
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 812210
SIC Description: Funeral Homes

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

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
109	6 of 7	SE/247.5	79.8 / 1.00	Skinner & Middlebrook Ltd. 128 Lakeshore Rd.E. Mississauga ON L5G 1E4	GEN

Generator No.: ON8373977
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 812210
SIC Description: Funeral Homes

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

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
109	7 of 7	SE/247.5	79.8 / 1.00	Skinner & Middlebrook Ltd. 128 Lakeshore Rd.E. Mississauga ON L5G 1E4	GEN

Generator No.: ON8373977
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 812210
SIC Description: Funeral Homes

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

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
110	1 of 1	E/247.6	79.8 / 1.00	F.S. Port Credit Development Limited 15 HURONTARIO ST, MISSISSAUGA, ON, L5G 3G8 ON	RSC

Reg No: 36704
RA No:
RSC Type:
Curr Property Use: Commercial
District Office: MISSISSAUGA
Date Submitted: 16-Nov-07
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
Asmt Roll No:
Prop. ID No: 13464-0302
CPU Issued Sect 1686: No
Property Municipal Address: 15 HURONTARIO ST, MISSISSAUGA, ON, L5G 3G8
Mailing Address: Suite TOP FLOOR, 141 LAKESHORE RD E, MISSISSAUGA, ON, L5G 1E8
Latitude & Latitude: 43.55643840N 79.58275560W (converted from UTM)
UTM Coordinates: NAD83 17-614470-4823585
Consultant:
Filing Owner:
Legal Desc: Part of Lot A, Credit Indian Reserve, City of Mississauga, Regional Municipality of Peel, designated as Parts 2 and 3 on Plan 43R-23793, being the whole of PIN 13464-0302
Measurement Method: Interpolation from a map
Applicable Standards: Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for

Cert Date: 28-Sep-07
Cert Prop Use No: No CPU
Intended Prop Use: Residential
Nm of Qual. Person: Fred Serrafero
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): Yes
Accuracy Estimate: 2 to 5 meters
Telephone: 416-7479661x227
Fax: 416-7479899
Email: fserrafero@framgroup.com

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

Residential/Parkland/Institutional property use

RSC PDF:

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111 ***1 of 5*** ***E/247.7*** ***79.8 / 1.00*** ***F.S. Port Credit Development Limited*** ***CA***
1 Hurontario St
Mississauga ON L5G 0A3

Certificate #: 2655-795KGE
Application Year: 2007
Issue Date: 11/20/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

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111 ***2 of 5*** ***E/247.7*** ***79.8 / 1.00*** ***F.S. Port Credit Development Limited*** ***ECA***
1 Hurontario St
Mississauga ON L5G 1E8

Approval No: 2655-795KGE
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Status: Approved
Approval Date: 2007-11-20
Record Type: ECA
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Link Source: IDS
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7990-78ZMY5-14.pdf
MOE District:
SWP Area Name:
Address: 1 Hurontario St
City: Mississauga
Longitude:
Latitude:

---

111 ***3 of 5*** ***E/247.7*** ***79.8 / 1.00*** ***Dolce Vita Medical Spa & Salon*** ***GEN***
1 Hurontario Street Unit 1
Mississauga ON L5G0A3

Generator No.: ON6629503
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 446199
SIC Description: ALL OTHER HEALTH AND PERSONAL CARE STORES
PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Alaa Shamas
Phone No. Admin: 9052785550 Ext.

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

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111 ***4 of 5*** ***E/247.7*** ***79.8 / 1.00*** ***Dolce Vita Medical Spa & Salon*** ***GEN***
1 Hurontario Street Unit 1
Mississauga ON L5G0A3

Generator No.: ON6629503
PO Box No.:

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

Status:	Registered	**Country:**	Canada
Approval Years:	As of Dec 2017	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No. Admin:**	
SIC Code:			
SIC Description:			

--Details--

Waste Code:	312 P
Waste Description:	Pathological wastes

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111 | ***5 of 5*** | ***E/247.7*** | ***79.8 / 1.00*** | ***1 Hurontario Street, Mississauga ON*** | ***PINC***

Incident ID:	2795608	**Health Impact:**	No
Incident No:	638900	**Environment Impact:**	No
Type:	FS-Pipeline Incident	**Property Damage:**	No
Status Code:	Pipeline Damage Reason Est	**Service Interupt:**	No
Fuel Occurrence Tp:	Vapour Release	**Enforce Policy:**	Yes
Fuel Type:	Natural Gas	**Public Relation:**	No
Tank Status:	RC Established	**Pipeline System:**	
Task No:	3433870	**Depth:**	
Spills Action Centre:	5245-8KDL95	**Pipe Material:**	Steel
Method Details:	E-mail	**PSIG:**	2
Fuel Category:	Natural Gas	**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:	8/3/2011 0:00	**Regualtor Location:**	Outside
Occurrence Start Date:	2011/08/03		
Operation Type:	Commercial (e.g. restaurant, business unit, etc)		
Pipeline Type:	Service / Riser Distribution Pipeline		
Regulator Type:	Service Regulator (up to 60 psi intake)		
Summary:	1 Hurontario Street, Mississauga - Vapour Release		
Reported By:	Dave Dunstan - Enbridge		
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)		
Occurrence Desc:	gas leak on 2" pipe		
Damage Reason:	Excavation practices not sufficient		
Notes:	this is a release from service line		

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112 | ***1 of 1*** | ***ESE/249.9*** | ***79.8 / 1.00*** | ***ON*** | ***BORE***

Borehole ID:	646204	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	17
Easting::	614485	**Northing::**	4823443
Location Accuracy::		**Orig. Ground Elev m::**	79.7
Elev. Reliability Note::		**DEM Ground Elev m::**	79.4
Total Depth m::	9.9	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JUL-1969	**Static Water Level::**	-999.9
Primary Water Use::	Not Used	**Sec. Water Use::**	

--Details--

Stratum ID:	218514017	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	ASPHALT.
Stratum ID:	218514018	**Top Depth(m):**	0.1
Bottom Depth(m):	1.5	**Stratum Desc:**	FILL,SILT,SAND, GRAVEL. DENSE.
Stratum ID:	218514019	**Top Depth(m):**	1.5

Bottom Depth(m):	2.4	***Stratum Desc:***	SAND-MEDIUM,SILT. BROWN,GLACIAL,DENSE, AGE GLACIAL.
Stratum ID:	218514020	***Top Depth(m):***	2.4
Bottom Depth(m):	2.5	***Stratum Desc:***	TILL,SILT,SAND, GRAVEL. GREY,GLACIAL,DENSE, AGE GLACIAL.
Stratum ID:	218514021	***Top Depth(m):***	2.5
Bottom Depth(m):	9.9	***Stratum Desc:***	BEDROCK,SHALE, LIMESTONE. GREY,MARINE,LAYERED, AGE ORDOVICIAN. 018 010 000500

Unplottable Summary

Total: 67 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	WILSONDALE INVESTMENTS INC./E. FERRARI	QUEEN ST. W./LORNE PARK PLAZA	MISSISSAUGA CITY ON	
CA		Part of Lot 11, Conc. 2, West of Hurontario Street	Mississauga ON	
CA	KNOWASTE TECH. INC.	HURONTARIO ST.,PT.LOT 11/CON.3	MISSISSAUGA CITY ON	
CA		Part of Lot 12, Conc.4, West of Hurontario St.	Mississauga ON	
CA	Creditview Country Club South - Phase 2	Part of Lot 5, Conc. 3, West Hurontario Street	Mississauga ON	
CA	PEEL NON-PROFIT HOUSING CORP.	HURONTARIO ST.,PT.LOT 10/C-18	MISSISSAUGA CITY ON	
CA	Meadowvale Village Secondary Plan Area	W. of Hurontario St., Part Lot 12, Conc. 2	Mississauga ON	
CA		Part of West Half of Lots 11 and 12, Concession 2, West of Hurontario Street	Mississauga ON	
CA		Part of Lot 11, Conc. 2, West of Hurontario Street	Mississauga ON	
CA		Lot 5, Concession 2 West of Hurontario Street	Mississauga ON	
CA	Creditview Country Club South - Phase 2	Part of Lot 5, Conc. 3, West Hurontario Street	Mississauga ON	
CA	Creditview Country Club South - Phase I	Part of Lot 5, Conc. 3, West of Hurontario Street	Mississauga ON	
CA	E. ESCUBEDO, C. DIPLACIDO & R. LAYFIELD	HURONTARIO ST./STM-WATER MGT.	MISSISSAUGA CITY ON	
CA	MISSISSAUGA CITY CITY CENTRE PLAZA	HURONTARIO ST. PH. 1 TO 5	MISSISSAUGA CITY ON	
CA		Part of Lot 11, Conc. 2, West of Hurontario Street	Mississauga ON	
CA	MISSISSAUGA CITY	HURONTARIO STREET	MISSISSAUGA CITY ON	
CA	TRANS-NORTHERN PIPELINES INC.	PT.LOT 6/CON.7,E.HURONTARIO ST	MISSISSAUGA CITY ON	
CA	GOTTARDO PROPERTIES LTD.	HURONTARIO ST. STREET A	MISSISSAUGA CITY ON	

	& GOTTARDO CORP		
CA	GOTTARDO PROPERTIES LTD. & GOTTARDO CORP	HURONTARIO ST. STREET A	MISSISSAUGA CITY ON
CA	HUNTINGFIELD CHASE LTD.-PT.LOTS 1&2/C-1	ST.'A'/HURONTARIO ST.(HWY.#10)	MISSISSAUGA CITY ON
CA		Part of Lot 12, Conc.4, West of Hurontario St.	Mississauga ON
CA	Ivycrest Estates Inc. Dev. - Meadowvale Village	Part of Lot 11, Concession 2, W. of Hurontario St.	Mississauga ON
CA	JOSEPH GYETVAN	HURONTARIO ST.	MISSISSAUGA CITY ON
CA		PT Lot 10, Concession 4, West of Hurontario Street	Mississauga ON
CA	GRAYLIGHT PROPERTIES LTD.	PT.LOT 3/CON.2, HURONTARIO ST.	MISSISSAUGA CITY ON
CA		Part of Lot 11, Conc. 2, West of Hurontario Street	Mississauga ON
CA		Part of Lot 11, Conc. 2, West of Hurontario Street	Mississauga ON
CA		PT Lot 10, Concession 4, West of Hurontario Street	Mississauga ON
CA	MISSISSAUGA CITY	HURONTARIO ST., HERITAGE WALK	MISSISSAUGA CITY ON
CA	Creditview Country Club South - Phase I	Part of Lot 5, Conc. 3, West of Hurontario Street	Mississauga ON
CA		Part of Lot 11, Conc. 2, West of Hurontario Street	Mississauga ON
CA	Ivycrest Estates Inc. Dev. - Meadowvale Village	Part of Lot 11, Concession 2, W. of Hurontario St.	Mississauga ON
CA		Lot 5, Concession 2 West of Hurontario Street	Mississauga ON
CA	THE ANTREX GROUP-PT. LOTS 2 & 3, CONC. 1	STREET 'A'/HURONTARIO ST.	MISSISSAUGA CITY ON
CA	G.L. BALL CLEARVIEW CREEK CANNELIZATION	LAKESHORE RD.	MISSISSAUGA CITY ON
CA	MISSISSAUGA CITY	LAKESHORE RD. TURTLE CREEK	MISSISSAUGA CITY ON
CA	CITY OF MISSISSAUGA	CLEARVIEW CREEK LAKESHORE RD.	MISSISSAUGA CITY ON
CA	Lakeshore Road East, Helen Street, Port Street, and St. Lawrence Drive	Lakeshore Road East	Mississauga ON
CA		Lakeshore Road East	Mississauga ON

CA	Lorne Park Water Treatment Plant	Lakeshore Rd. West	Mississauga ON	
CA	THE ERIN MILLS DEVELOPMENT CORP.	MISSISSAUGA RD. 202A & 202B	MISSISSAUGA CITY ON	
CA	WHITNEY HOMES	QUEEN ST. STREET A	MISSISSAUGA CITY ON	
CA	WHITNEY HOMES	QUEEN ST. E. STREET A	MISSISSAUGA CITY ON	
CA	WILSONDALE INVESTMENTS INC./E. FERRARI	QUEEN ST. W./LORN PARK PLAZA	MISSISSAUGA CITY ON	
CA	Hurontario Eglinton Centre, Hurontario Street East	Part Lot 1, Conc. 1, East of Hurontario Street	Mississauga ON	
CA	949747 ONTARIO LIMITED	QUEEN ST.W.,P.T.LOT 24,CONC.2	MISSISSAUGA CITY ON	
ECA	Metrolinx	Eglinton Ave W	Mississauga ON	M5J 2W3
ECA	Metrolinx	Eglinton Ave W	Mississauga ON	M5J 2W3
ECA	Fram Builders (Durham) Corp.	Lakeshore Road East	Mississauga ON	M9W 6V1
ECA	Windscale Development Corp.	PT Lot 10, Concession 4, West of Hurontario Street	Mississauga ON	M2K 1W6
ECA	GWL Realty Advisors Inc.	Part of Lot 11, Concession 1, West of Hurontario Street	Mississauga ON	L3R 0B8
GEN	PEMBINA RESOURCES	LOT 6, CONCESSION 1	PORT COLBORNE ON	L5M 2B5
GEN	TWD ROADS MANAGEMENT INC.	LOT 6, CONCESSION 1 EAST OF HURONTARIO STREET	MISSISSAUGA ON	L5M 2B5
GEN	TWD ROADS MANAGEMENT INC.	LOT 6, CONCESSION 1 EAST OF HURONTARIO STREET	MISSISSAUGA ON	
GEN	Metrolinx GO Transit	Winston Churchill Boulevard	Mississauga ON	L5M 7R4
SPL	Urbtech Engineering<UNOFFICIAL>	South of Queen Street on Creditview (closest address 8481 Creditview)	Mississauga ON	
SPL	Enbridge Gas Distribution Inc.	Queen St South	Mississauga ON	
SPL	CANADIAN PACIFIC RAILWAYS	AT THE STREETSVILLE C.P. RAIL YARD ON QUEEN STREET. TRAIN	MISSISSAUGA CITY ON	
SPL	York Disposal Services Limited	Lakeshore Road West CORNER OF LAKESHORE RD. AND LORNE PARK DR., MISSISSAUGA, ON<UNOFFICIAL>	Mississauga ON	
SPL		Lakeshore Road West	Mississauga ON	
SPL	ARMBRO CONSTRUCTION	HWY 10 SOUTH OF STEELES AVE TRANSPORT TRUCK (CARGO)	MISSISSAUGA CITY ON	

SPL	UNKNOWN	HWY 10 NORTHBOUND LANE JUST SOUTH OF DERRY RD ON CURB EDGE.	MISSISSAUGA CITY ON
SPL		MVA at Hurontario St just north of 401 <UNOFFICIAL>	Mississauga ON
SPL	The Corporation of the City of Mississauga	Along Hwy 10 South of Courtneypark Dr	Mississauga ON
SPL	GREEN SPACE SERVICES(SEARS LAW	JACK DARLING PARK,LAKESHORE ROAD. TANK TRUCK (CARGO)	MISSISSAUGA CITY ON
SPL	The Corporation of the City of Mississauga	RICHARDS MEMORIAL PARK, NEAR LAKESHORE RD.<UNOFFICIAL>	Mississauga ON
SPL		Credit River and Lakeshore Rd. CREDIT RIVER<UNOFFICIAL>	Mississauga ON

Unplottable Report

Site: ***WILSONDALE INVESTMENTS INC./E. FERRARI***
QUEEN ST. W./LORNE PARK PLAZA MISSISSAUGA CITY ON

Database: ***CA***

Certificate #:	3-0595-89-
Application Year:	89
Issue Date:	4/17/1989
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site:
Part of Lot 11, Conc. 2, West of Hurontario Street Mississauga ON

Database: ***CA***

Certificate #:	4121-4MRHQT
Application Year:	00
Issue Date:	8/1/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name::	Derry-Mclaughlin Development Corporation
Client Address::	15 Wertheim Court, Suite 308
Client City::	Richmond Hill
Client Postal Code::	L4B 3H7
Project Description::	Watermain to be constructed in conjunction with File C.A. 'B' 087-095-99M (W5) and in the City of Mississauga on Kaiser Drive from approximately 40m east of Magistrate Terrace to Magistrate Terrace
Contaminants::	
Emission Control::	

Site: ***KNOWASTE TECH. INC.***
HURONTARIO ST.,PT.LOT 11/CON.3 MISSISSAUGA CITY ON

Database: ***CA***

Certificate #:	8-3595-93-
Application Year:	93
Issue Date:	2/11/1994
Approval Type:	Industrial air
Status:	Approved in 1994
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	EXHAUSTS FOR PLASTIC DRIER, STEAM BOILER
Contaminants::	
Emission Control::	

Site:
Part of Lot 12, Conc.4, West of Hurontario St. Mississauga ON

Database: ***CA***

Certificate #:	2144-4HVJL3

Application Year: 00
Issue Date: 3/31/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Cambridge Shopping Centres Limited
Client Address:: 95 wellington Street West, Suite 300
Client City:: Toronto
Client Postal Code:: M5G 2J2
Project Description:: Watermains to be constructed in conjunction with Project No. T-99009m.
Contaminants::
Emission Control::

Site: ***Creditview Country Club South - Phase 2***
Part of Lot 5, Conc. 3, West Hurontario Street Mississauga ON

Database: ***CA***

Certificate #: 2832-4YANX8
Application Year: 01
Issue Date: 7/11/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Mattamy (Creditview) Limited
Client Address:: 2360 Bristol Circle
Client City:: Oakville
Client Postal Code:: L6H 6M5
Project Description:: Construction and extension of existing of Sanitary and Storm Sewers in the Creditview Country Club South - Phase 2 (residential and subdivision)
Contaminants::
Emission Control::

Site: ***PEEL NON-PROFIT HOUSING CORP.***
HURONTARIO ST.,PT.LOT 10/C-18 MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 8-3195-93-
Application Year: 93
Issue Date: 7/7/1993
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description:: 200 KW/250KVA EMERGENCY DIESEL GENERATOR
Contaminants:: Nitrogen Oxides, Stoddard Solvent
Emission Control:: Muffler

Site: ***Meadowvale Village Secondary Plan Area***
W. of Hurontario St., Part Lot 12, Conc. 2 Mississauga ON

Database: ***CA***

Certificate #: 4416-4G3HZX
Application Year: 00
Issue Date: 2/15/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Fieldrun Development Corporation
Client Address:: 100 Strada Drive, Unit #1
Client City:: Woodbridge
Client Postal Code:: L4L 5V7
Project Description:: Construction of a stormwater management facility for Phase 3 of the Fieldrun residential subdivision within the Meadowvale Village Secondary Plan Area in the City of Mississauga.
Contaminants::
Emission Control::

Site: ***Database:***
CA

Part of West Half of Lots 11 and 12, Concession 2, West of Hurontario Street Mississauga ON

Certificate #:	1324-4XNHQW
Application Year:	01
Issue Date:	6/19/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name::	Monarch Construction Limited
Client Address::	2025 Sheppard Avenue East, Suite 1201
Client City::	Toronto
Client Postal Code::	M2J 1V7
Project Description::	Construction of sanitary and storm sewers on Baskerville Run, Shamrock Crescent, Appletree Lane, Irish Moss Road, White Pine Court and the Easement from John Watt Boulevard (Block 113)
Contaminants::	
Emission Control::	

Site: ***Database:***
CA

Part of Lot 11, Conc. 2, West of Hurontario Street Mississauga ON

Certificate #:	1086-4MRHC8
Application Year:	00
Issue Date:	8/1/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name::	Derry-McLaughlin Development Corporation
Client Address::	15 Wertheim Court, Suite 308
Client City::	Richmond Hill
Client Postal Code::	L4B 3H7
Project Description::	Sanitary sewers to be constructed in conjunction with File C.A. 'B' 087-095/99M (W5) and in the City of Mississauga, on Magistrate Terrace and Kaiser Drive. Storm sewers to be constructed in conjunction with File C.A. 'B' 087-095/99M (W5) and in the City of Mississauga, on Magistrate Terrace.
Contaminants::	
Emission Control::	

Site: ***Database:***
CA

Lot 5, Concession 2 West of Hurontario Street Mississauga ON

Certificate #:	5427-4VEGLV
Application Year:	01
Issue Date:	4/2/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name::	Cantay Holdings Inc.
Client Address::	6205 Airport Road
Client City::	Mississauga
Client Postal Code::	L4V 1E8
Project Description::	Construction of storm and sanitary sewers
Contaminants::	
Emission Control::	

Site: ***Creditview Country Club South - Phase 2*** ***Database:***
CA

Part of Lot 5, Conc. 3, West Hurontario Street Mississauga ON

Certificate #:	7514-4YAPAU
Application Year:	01
Issue Date:	7/11/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval

Client Name:: Mattamy (Creditview) Limited
Client Address:: 2360 Bristol Circle
Client City:: Oakville
Client Postal Code:: L6H 6M5
Project Description:: Extension od existing municipal of watermains in the Creditview Country Club South - Phase 2 to service proposed residential subdivision.
Contaminants::
Emission Control::

Site: ***Creditview Country Club South - Phase I***
Part of Lot 5, Conc. 3, West of Hurontario Street Mississauga ON

Database: ***CA***

Certificate #: 5740-4SZQTU
Application Year: 01
Issue Date: 1/15/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Mattamy (Creditview) Limited
Client Address:: 2360 Bristol Circle
Client City:: Oakville
Client Postal Code:: L6H 6M5
Project Description:: This application is for the installation of sanitary and storm sewers to serve Creditview Country Club South - Phase I, in the City of Mississauga.
Contaminants::
Emission Control::

Site: ***E. ESCUBEDO, C. DIPLACIDO & R. LAYFIELD***
HURONTARIO ST./STM-WATER MGT. MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-0848-92-
Application Year: 92
Issue Date: 9/17/1992
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***MISSISSAUGA CITY CITY CENTRE PLAZA***
HURONTARIO ST. PH. 1 TO 5 MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-2058-88-
Application Year: 88
Issue Date: 1/20/1989
Approval Type: Municipal water
Status: Approved in 1989
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site:
Part of Lot 11, Conc. 2, West of Hurontario Street Mississauga ON

Database: ***CA***

Certificate #: 4341-4WTJKQ
Application Year: 01
Issue Date: 5/18/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Derry McLaughlin Development Corporation
Client Address:: 15 Wertheim Court, Suite 308
Client City:: Richmond Hill
Client Postal Code:: L4B 3H7
Project Description:: Construction of watermains
Contaminants::
Emission Control::

Site: ***MISSISSAUGA CITY***
HURONTARIO STREET MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-1325-88-
Application Year: 88
Issue Date: 8/3/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***TRANS-NORTHERN PIPELINES INC.***
PT.LOT 6/CON.7,E.HURONTARIO ST MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 4-0117-93-
Application Year: 93
Issue Date: 8/24/1994
Approval Type: Industrial wastewater
Status: Approved in 1994
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description:: SURFACE RUN-OFF SEPARATION SYSTEM
Contaminants::
Emission Control::

Site: ***GOTTARDO PROPERTIES LTD. & GOTTARDO CORP***
HURONTARIO ST. STREET A MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-0471-88-
Application Year: 88
Issue Date: 5/5/1988
Approval Type: Municipal sewage
Status: Revised
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***GOTTARDO PROPERTIES LTD. & GOTTARDO CORP***
HURONTARIO ST. STREET A MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-0417-88-
Application Year: 88
Issue Date: 5/5/1988
Approval Type: Municipal water
Status: Revised
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***HUNTINGFIELD CHASE LTD.-PT.LOTS 1&2/C-1***
ST.'A'/HURONTARIO ST.(HWY.#10) MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-1224-91-
Application Year: 91
Issue Date: 10/9/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site:
Part of Lot 12, Conc.4, West of Hurontario St. Mississauga ON

Database: ***CA***

Certificate #: 4445-4HUVVH
Application Year: 00
Issue Date: 3/31/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Cambridge Shopping Centres Limited
Client Address:: 95 wellington Street West, Suite 300
Client City:: Toronto
Client Postal Code:: M5G 2J2
Project Description:: Sanitary and storm to be constructed in conjunction with Project No. T- 99009.
Contaminants::
Emission Control::

Site: ***Ivycrest Estates Inc. Dev. - Meadowvale Village***
Part of Lot 11, Concession 2, W. of Hurontario St. Mississauga ON

Database: ***CA***

Certificate #: 8578-53TPSG
Application Year: 01
Issue Date: 10/26/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Ivycrest Estates Inc.
Client Address:: 71 Sifton Road
Client City:: Woodbridge

Client Postal Code:: L4L 7Z8
Project Description:: Watermain construction
Contaminants::
Emission Control::

Site: ***JOSEPH GYETVAN***
HURONTARIO ST. MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-0850-87-
Application Year: 87
Issue Date: 6/25/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site:
PT Lot 10, Concession 4, West of Hurontario Street Mississauga ON

Database: ***CA***

Certificate #: 6370-4UBSJM
Application Year: 01
Issue Date: 3/5/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Windscale Development Corp.
Client Address:: 26 Butny Lane
Client City:: Toronto
Client Postal Code:: M2K 1W6
Project Description:: Installation of watermains on Old Creditview Road and Spring Garden Court
Contaminants::
Emission Control::

Site: ***GRAYLIGHT PROPERTIES LTD.***
PT.LOT 3/CON.2, HURONTARIO ST. MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-1442-95-006
Application Year: 95
Issue Date: 11/10/95
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site:
Part of Lot 11, Conc. 2, West of Hurontario Street Mississauga ON

Database: ***CA***

Certificate #: 4624-4WTJDT
Application Year: 01
Issue Date: 5/18/01
Approval Type: Municipal & Private sewage

Status: Approved
Application Type: New Certificate of Approval
Client Name:: Derry McLaughlin Development Corporation
Client Address:: 15 Wertheim Court, Suite 308
Client City:: Richmond Hill
Client Postal Code:: L4B 3H7
Project Description:: Construction of storm and sanitary sewers
Contaminants::
Emission Control::

Site:
Part of Lot 11, Conc. 2, West of Hurontario Street Mississauga ON

Database: ***CA***

Certificate #: 7705-4XDLJV
Application Year: 01
Issue Date: 6/11/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Steelgate Security Products Ltd.
Client Address:: 7456 Tranmere Drive
Client City:: Mississauga
Client Postal Code:: L5S 1K4
Project Description:: Construction of sanitay sewers on Village Walk. Construction of storm sewers on Village Walk and Block 34 (Park).
Contaminants::
Emission Control::

Site:
PT Lot 10, Concession 4, West of Hurontario Street Mississauga ON

Database: ***CA***

Certificate #: 0135-4UBKWL
Application Year: 01
Issue Date: 3/5/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Windscale Development Corp.
Client Address:: 26 Butny Lane
Client City:: Toronto
Client Postal Code:: M2K 1W6
Project Description:: Installation of storm and sanitary sewers on Old Creditview Road and Spring Garden Court
Contaminants::
Emission Control::

Site: ***MISSISSAUGA CITY***
HURONTARIO ST., HERITAGE WALK MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-0914-97-
Application Year: 97
Issue Date: 8/18/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Creditview Country Club South - Phase I***
Part of Lot 5, Conc. 3, West of Hurontario Street Mississauga ON

Database: ***CA***

Certificate #: 3010-4SZR5A
Application Year: 01
Issue Date: 1/15/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Mattamy (Creditview) Limited
Client Address:: 2360 Bristol Circle
Client City:: Oakville
Client Postal Code:: L6H 6M5
Project Description:: This application is for the installation of watermains to serve the Creditview Country Club South, Phase 1, in the City of Mississauga.
Contaminants::
Emission Control::

Site:
Part of Lot 11, Conc. 2, West of Hurontario Street Mississauga ON

Database: ***CA***

Certificate #: 5666-4XDLPT
Application Year: 01
Issue Date: 6/11/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Steelgate Security Products Ltd.
Client Address:: 7456 Tranmere Drive
Client City:: Mississauga
Client Postal Code:: L5S 1K4
Project Description:: Construction of watermains on Village Walk.
Contaminants::
Emission Control::

Site: ***Ivycrest Estates Inc. Dev. - Meadowvale Village***
Part of Lot 11, Concession 2, W. of Hurontario St. Mississauga ON

Database: ***CA***

Certificate #: 3720-53TPXJ
Application Year: 01
Issue Date: 10/26/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Ivycrest Estates Inc.
Client Address:: 71 Sifton Road
Client City:: Woodbridge
Client Postal Code:: L4L 7Z8
Project Description:: Storm and sanitary sewer construction
Contaminants::
Emission Control::

Site:
Lot 5, Concession 2 West of Hurontario Street Mississauga ON

Database: ***CA***

Certificate #: 0340-4VBTJT
Application Year: 01
Issue Date: 4/2/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Cantay Holdings Inc.
Client Address:: 6205 Airport Road
Client City:: Mississauga
Client Postal Code:: L4V 1E8
Project Description:: Construction of watermains
Contaminants::

Emission Control::

Site: ***THE ANTREX GROUP-PT. LOTS 2 & 3, CONC. 1 STREET 'A'/HURONTARIO ST. MISSISSAUGA CITY ON***

Database: ***CA***

Certificate #: 7-0235-91-
Application Year: 91
Issue Date: 3/21/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***G.L. BALL CLEARVIEW CREEK CANNELIZATION LAKESHORE RD. MISSISSAUGA CITY ON***

Database: ***CA***

Certificate #: 3-1828-88-
Application Year: 88
Issue Date: 9/28/1988
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***MISSISSAUGA CITY LAKESHORE RD. TURTLE CREEK MISSISSAUGA CITY ON***

Database: ***CA***

Certificate #: 3-1566-87-
Application Year: 87
Issue Date: 9/4/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***CITY OF MISSISSAUGA CLEARVIEW CREEK LAKESHORE RD. MISSISSAUGA CITY ON***

Database: ***CA***

Certificate #: 3-1542-88-
Application Year: 88
Issue Date: 10/21/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::

Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Lakeshore Road East, Helen Street, Port Street, and St. Lawrence Drive***
Lakeshore Road East Mississauga ON

Database: ***CA***

Certificate #: 8104-4QGR6K
Application Year: 00
Issue Date: 11/6/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Fram Builders (Durham) Corp.
Client Address:: 135 Queen's Plate Drive
Client City:: Toronto
Client Postal Code:: M9W 6V1
Project Description:: Construction of storm and sanitary sewers on Lakeshore Road East, Helen Street, Port Street, St. Lawrence Drive and on three Easements,
Contaminants::
Emission Control::

Site:
Lakeshore Road East Mississauga ON

Database: ***CA***

Certificate #: 2788-4SGLXJ
Application Year: 00
Issue Date: 12/29/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Corporation of the Regional Municipality of Peel
Client Address:: 10 Peel Centre Drive
Client City:: Brampton
Client Postal Code:: L6T 4B9
Project Description:: Sanitary sewers and appurtenances to be constructed in conjunction with Project No. 00-2210 in the City of Mississauga on Lakeshore Road East.
Contaminants::
Emission Control::

Site: ***Lorne Park Water Treatment Plant***
Lakeshore Rd. West Mississauga ON

Database: ***CA***

Certificate #: 0370-4GEQMA
Application Year: 00
Issue Date: 2/17/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Corporation of the Regional Municipality of Peel
Client Address:: 10 Peel Centre Drive
Client City:: Brampton
Client Postal Code:: L6T 4B9
Project Description:: Removal of existing anthracite and a portion of the sand media from the existing filters 1-8 at the Lorne Park water Treatment Plant and replacement with new sand Granular Activated Carbon (GAC) filter media.
Contaminants::
Emission Control::

Site: ***THE ERIN MILLS DEVELOPMENT CORP.***
MISSISSAUGA RD. 202A & 202B MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-0485-87-
Application Year: 87
Issue Date: 4/27/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***WHITNEY HOMES***
QUEEN ST. STREET A MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-1810-88-
Application Year: 88
Issue Date: 10/3/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***WHITNEY HOMES***
QUEEN ST. E. STREET A MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-1552-88-
Application Year: 88
Issue Date: 10/3/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***WILSONDALE INVESTMENTS INC./E. FERRARI***
QUEEN ST. W./LORN PARK PLAZA MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-0523-89-
Application Year: 89
Issue Date: 4/17/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Hurontario Eglinton Centre, Hurontario Street East***
Part Lot 1, Conc. 1, East of Hurontario Street Mississauga ON

Database: ***CA***

Certificate #:	7746-5A2P7T
Application Year:	02
Issue Date:	5/13/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name::	Hurontario Centre Limited
Client Address::	16 Four Seasons Place, Suite #212
Client City::	Toronto
Client Postal Code::	M9B 6E5
Project Description::	Install Sanitary Sewers on Eglinton Avenue East & West
Contaminants::	
Emission Control::	

Site: ***949747 ONTARIO LIMITED***
QUEEN ST.W.,P.T.LOT 24,CONC.2 MISSISSAUGA CITY ON

Database: ***CA***

Certificate #:	3-1151-93-
Application Year:	93
Issue Date:	10/5/1993
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site: ***Metrolinx***
Eglinton Ave W Mississauga ON M5J 2W3

Database: ***ECA***

Approval No:	0445-9YVPCU	***MOE District:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS	***SWP Area Name:***	
Status:	Approved	***Address:***	Eglinton Ave W
Approval Date:	2015-07-30	***City:***	Mississauga
Record Type:	ECA	***Longitude:***	
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS	***Latitude:***	
Link Source:	IDS		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4036-9YVJFG-14.pdf		

Site: ***Metrolinx***
Eglinton Ave W Mississauga ON M5J 2W3

Database: ***ECA***

Approval No:	5758-9NFLGU	***MOE District:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS	***SWP Area Name:***	
Status:	Revoked and/or Replaced	***Address:***	Eglinton Ave W
Approval Date:	2014-09-08	***City:***	Mississauga
Record Type:	ECA	***Longitude:***	
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS	***Latitude:***	
Link Source:	IDS		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0830-9N6R6M-14.pdf		

Site: ***Fram Builders (Durham) Corp.***
Lakeshore Road East Mississauga ON M9W 6V1

Database: ***ECA***

Approval No:	6288-4QGS2N	***MOE District:***	
Approval Type:	ECA-Municipal and Private Water Works	***SWP Area Name:***	
Status:	Approved	***Address:***	Lakeshore Road East
Approval Date:	2000-10-30	***City:***	
Record Type:	ECA	***Longitude:***	
Project Type:	Municipal and Private Water Works	***Latitude:***	
Link Source:	IDS		
Full Address:			
Full PDF Link:			

Site: ***Windscale Development Corp.***
PT Lot 10, Concession 4, West of Hurontario Street Mississauga ON M2K 1W6

Database: ***ECA***

Approval No:	6370-4UBSJM	***MOE District:***	
Approval Type:	ECA-Municipal and Private Water Works	***SWP Area Name:***	
Status:	Approved	***Address:***	PT Lot 10, Concession 4, West of Hurontario Street
Approval Date:	2001-03-05	***City:***	
Record Type:	ECA	***Longitude:***	
Project Type:	Municipal and Private Water Works	***Latitude:***	
Link Source:	IDS		
Full Address:			
Full PDF Link:			

Site: ***GWL Realty Advisors Inc.***
Part of Lot 11, Concession 1, West of Hurontario Street Mississauga ON L3R 0B8

Database: ***ECA***

Approval No:	4401-6H6MCD	***MOE District:***	
Approval Type:	ECA-Municipal Drinking Water Systems	***SWP Area Name:***	
Status:	Approved	***Address:***	Part of Lot 11, Concession 1, West of Hurontario Street
Approval Date:	2005-10-17	***City:***	
Record Type:	ECA	***Longitude:***	
Project Type:	Municipal Drinking Water Systems	***Latitude:***	
Link Source:	IDS		
Full Address:			
Full PDF Link:			

Site: ***PEMBINA RESOURCES***
LOT 6, CONCESSION 1 PORT COLBORNE ON L5M 2B5

Database: ***GEN***

Generator No.:	ON0138709	***PO Box No.:***	
Status:		***Country:***	
Approval Years:	02	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No. Admin:***	
SIC Code:			
SIC Description:			

Site: ***TWD ROADS MANAGEMENT INC.***
LOT 6, CONCESSION 1 EAST OF HURONTARIO STREET MISSISSAUGA ON L5M 2B5

Database: ***GEN***

Generator No.:	ON2451910	***PO Box No.:***	
Status:		***Country:***	
Approval Years:	00,01,02,03,04,05,06,07,08	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No. Admin:***	
SIC Code:	8371		
SIC Description:	TRANSPORTATION ADMIN.		

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ***TWD ROADS MANAGEMENT INC.***
LOT 6, CONCESSION 1 EAST OF HURONTARIO STREET MISSISSAUGA ON

Database: ***GEN***

Generator No.: ON2451910
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 912910
SIC Description: Other Provincial and Territorial Public Administration

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

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ***Metrolinx GO Transit***
Winston Churchill Boulevard Mississauga ON L5M 7R4

Database: ***GEN***

Generator No.: ON5228387
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 251 L
Waste Description: Waste oils/sludges (petroleum based)

Site: ***Urbtech Engineering<UNOFFICIAL>***
South of Queen Street on Creditview (closest address 8481 Creditview) Mississauga ON

Database: ***SPL***

Ref No: 2528-96UNQW
Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)
Contaminant Code: 43
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 0 other - see incident description
Material Group:
MOE Reported Dt: 17-APR-13

Health/Env Conseq:
Incident Dt: 12-APR-13
Incident Cause: Overflow/Surcharge
Incident Event:
Incident Reason: Equipment Failure
Incident Summary: Urbtech Engineering: Sediment to ditch, not cleaned

Sector Type: Non-Point Source (i.e. run-off)
Source Type:
Receiving Medium:
Receiving Env:
Environment Impact: Not Anticipated
Nature of Impact: Soil Contamination; Surface Water Pollution
SAC Action Class: Land Spills
Year:
Site Address: South of Queen Street on Creditview (closest address 8481 Creditview)

Site Conc:
Site Lot:
Site County/District:
Site Municipality: Mississauga
Site Postal Code:

Site: ***Enbridge Gas Distribution Inc.***
Queen St South Mississauga ON

Database: ***SPL***

Ref No:	5174-A3KQ44	***Sector Type:***	Miscellaneous Industrial
Contaminant Name:	NATURAL GAS (METHANE)	***Source Type:***	
Contaminant Code:	35	***Receiving Medium:***	
Contaminant Limit 1:		***Receiving Env:***	
Contam Limit Freq 1:		***Environment Impact:***	
Contaminant UN No 1:		***Nature of Impact:***	
Contaminant Qty:	1 other - see incident description	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Material Group:		***Year:***	
MOE Reported Dt:	10/23/2015	***Site Address:***	Queen St South
Health/Env Conseq:		***Site Conc:***	
Incident Dt:	10/23/2015	***Site Lot:***	
Incident Cause:		***Site County/District:***	
Incident Event:		***Site Municipality:***	Mississauga
Incident Reason:	Operator/Human Error	***Site Postal Code:***	
Incident Summary:	TSSA FSB: car sheared off riser, made safe		

Site: ***CANADIAN PACIFIC RAILWAYS***
AT THE STREETSVILLE C.P. RAIL YARD ON QUEEN STREET. TRAIN MISSISSAUGA CITY ON

Database: ***SPL***

Ref No:	123180	***Sector Type:***	
Contaminant Name:		***Source Type:***	
Contaminant Code:		***Receiving Medium:***	LAND
Contaminant Limit 1:		***Receiving Env:***	
Contam Limit Freq 1:		***Environment Impact:***	POSSIBLE
Contaminant UN No 1:		***Nature of Impact:***	Soil contamination
Contaminant Qty:		***SAC Action Class:***	
Material Group:		***Year:***	
MOE Reported Dt:	1/30/1996	***Site Address:***	
Health/Env Conseq:		***Site Conc:***	
Incident Dt:	1/30/1996	***Site Lot:***	
Incident Cause:	OTHER CONTAINER LEAK	***Site County/District:***	
Incident Event:		***Site Municipality:***	21102
Incident Reason:	DAMAGE BY MOVING EQUIPMENT	***Site Postal Code:***	
Incident Summary:	C.P. RAIL: 45 L OF DIESELTO RAILBED FROM ENGINE INCOLLISION WITH RAILCAR.		

Site: ***York Disposal Services Limited***
Lakeshore Road West CORNER OF LAKESHORE RD. AND LORNE PARK DR., MISSISSAUGA, ON<UNOFFICIAL>
Mississauga ON

Database: ***SPL***

Ref No:	3737-6T9HXU	***Sector Type:***	Other Motor Vehicle
Contaminant Name:	HYDRAULIC OIL	***Source Type:***	
Contaminant Code:	15	***Receiving Medium:***	Land
Contaminant Limit 1:		***Receiving Env:***	
Contam Limit Freq 1:		***Environment Impact:***	Confirmed
Contaminant UN No 1:		***Nature of Impact:***	Soil Contamination
Contaminant Qty:	66 L	***SAC Action Class:***	
Material Group:	Oils	***Year:***	
MOE Reported Dt:	9/2/2006	***Site Address:***	
Health/Env Conseq:		***Site Conc:***	
Incident Dt:	9/2/2006	***Site Lot:***	
Incident Cause:	Other Transport Accident	***Site County/District:***	
Incident Event:		***Site Municipality:***	Mississauga
Incident Reason:	Equipment/Vehicles	***Site Postal Code:***	
Incident Summary:	Garbage truck rollover- 15 gals of hydraulic oil to grnd.		

Site:
Lakeshore Road West Mississauga ON

Database: ***SPL***

Ref No:	3281-7AVJ8A	***Sector Type:***	Other
Contaminant Name:	SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)	***Source Type:***	
Contaminant Code:	43	***Receiving Medium:***	
Contaminant Limit 1:		***Receiving Env:***	
Contam Limit Freq 1:		***Environment Impact:***	Possible
Contaminant UN No 1:		***Nature of Impact:***	Surface Water Pollution
Contaminant Qty:	other - see incident description	***SAC Action Class:***	Pollution Incident Reports (PIRs) and ¿Other¿ calls
Material Group:		***Year:***	
MOE Reported Dt:	1/15/2008	***Site Address:***	
Health/Env Conseq:		***Site Conc:***	
Incident Dt:		***Site Lot:***	
Incident Cause:	Unknown	***Site County/District:***	
Incident Event:		***Site Municipality:***	Mississauga
Incident Reason:	Unknown - Reason not determined	***Site Postal Code:***	
Incident Summary:	Sheridan Creek ¿ bright yellow colour		

Site: ***ARMBRO CONSTRUCTION***
HWY 10 SOUTH OF STEELES AVE TRANSPORT TRUCK (CARGO) MISSISSAUGA CITY ON

Database: ***SPL***

Ref No:	101040	***Sector Type:***	
Contaminant Name:		***Source Type:***	
Contaminant Code:		***Receiving Medium:***	LAND
Contaminant Limit 1:		***Receiving Env:***	
Contam Limit Freq 1:		***Environment Impact:***	NOT ANTICIPATED
Contaminant UN No 1:		***Nature of Impact:***	
Contaminant Qty:		***SAC Action Class:***	
Material Group:		***Year:***	
MOE Reported Dt:	6/10/1994	***Site Address:***	
Health/Env Conseq:		***Site Conc:***	
Incident Dt:	6/10/1994	***Site Lot:***	
Incident Cause:	PIPE/HOSE LEAK	***Site County/District:***	
Incident Event:		***Site Municipality:***	21102
Incident Reason:	EQUIPMENT FAILURE	***Site Postal Code:***	
Incident Summary:	ARMBRO-UKN QTY HYDRAULIC OIL TO ROADWAY & STORM SEWER,CLEANED-UP,WORKS.		

Site: ***UNKNOWN***
HWY 10 NORTHBOUND LANE JUST SOUTH OF DERRY RD ON CURB EDGE. MISSISSAUGA CITY ON

Database: ***SPL***

Ref No:	101109	***Sector Type:***	
Contaminant Name:		***Source Type:***	
Contaminant Code:		***Receiving Medium:***	LAND
Contaminant Limit 1:		***Receiving Env:***	
Contam Limit Freq 1:		***Environment Impact:***	NOT ANTICIPATED
Contaminant UN No 1:		***Nature of Impact:***	Soil contamination
Contaminant Qty:		***SAC Action Class:***	
Material Group:		***Year:***	
MOE Reported Dt:	6/13/1994	***Site Address:***	
Health/Env Conseq:		***Site Conc:***	
Incident Dt:	6/12/1994	***Site Lot:***	
Incident Cause:	OTHER CONTAINER LEAK	***Site County/District:***	
Incident Event:		***Site Municipality:***	21102
Incident Reason:	UNKNOWN	***Site Postal Code:***	
Incident Summary:	UNKNOWN SOURCE-4-5L OF MOTOR OIL TO ROADWAY, CLEANED.		

Site:
MVA at Hurontario St just north of 401 <UNOFFICIAL> Mississauga ON

Database: ***SPL***

Ref No:	8811-87YKWE	***Sector Type:***	Transport Truck
Contaminant Name:	DIESEL FUEL	***Source Type:***	

Contaminant Code:	13	***Receiving Medium:***	
Contaminant Limit 1:		***Receiving Env:***	
Contam Limit Freq 1:		***Environment Impact:***	Confirmed
Contaminant UN No 1:		***Nature of Impact:***	Soil Contamination; Surface Water Pollution
Contaminant Qty:	450 L	***SAC Action Class:***	Highway Spills (usually highway accidents)
Material Group:		***Year:***	
MOE Reported Dt:	8/3/2010	***Site Address:***	
Health/Env Conseq:		***Site Conc:***	
Incident Dt:		***Site Lot:***	
Incident Cause:	Other Transport Accident	***Site County/District:***	
Incident Event:		***Site Municipality:***	
Incident Reason:	Spill	***Site Postal Code:***	
Incident Summary:	Spill, 450 L, Diesel,Hurontario north of 401, Ajax Logistics		

Site: ***The Corporation of the City of Mississauga***
Along Hwy 10 South of Courtneypark Dr Mississauga ON

Database: ***SPL***

Ref No:	0422-9UWHFX	***Sector Type:***	
Contaminant Name:	DIESEL FUEL	***Source Type:***	
Contaminant Code:	13	***Receiving Medium:***	
Contaminant Limit 1:		***Receiving Env:***	
Contam Limit Freq 1:		***Environment Impact:***	
Contaminant UN No 1:		***Nature of Impact:***	Land
Contaminant Qty:	30 L	***SAC Action Class:***	Land Spills
Material Group:		***Year:***	
MOE Reported Dt:	3/24/2015	***Site Address:***	Along Hwy 10 South of Courtneypark Dr
Health/Env Conseq:		***Site Conc:***	
Incident Dt:	3/24/2015	***Site Lot:***	
Incident Cause:	Unknown / N/A	***Site County/District:***	
Incident Event:		***Site Municipality:***	Mississauga
Incident Reason:	Equipment Failure	***Site Postal Code:***	
Incident Summary:	Mississauga Transit Diesel Spill along Hwy 10, cln'd		

Site: ***GREEN SPACE SERVICES(SEARS LAW***
JACK DARLING PARK,LAKESHORE ROAD. TANK TRUCK (CARGO) MISSISSAUGA CITY ON

Database: ***SPL***

Ref No:	230431	***Sector Type:***	
Contaminant Name:		***Source Type:***	
Contaminant Code:		***Receiving Medium:***	WATER
Contaminant Limit 1:		***Receiving Env:***	
Contam Limit Freq 1:		***Environment Impact:***	POSSIBLE
Contaminant UN No 1:		***Nature of Impact:***	Soil contamination
Contaminant Qty:		***SAC Action Class:***	
Material Group:		***Year:***	
MOE Reported Dt:	7/2/2002	***Site Address:***	
Health/Env Conseq:		***Site Conc:***	
Incident Dt:	7/2/2002	***Site Lot:***	
Incident Cause:	UNKNOWN	***Site County/District:***	
Incident Event:		***Site Municipality:***	21102
Incident Reason:	UNKNOWN	***Site Postal Code:***	
Incident Summary:	GREEN SPACE-30 L KILLEX TOL LOT,REGION RESPONDED.		

Site: ***The Corporation of the City of Mississauga***
RICHARDS MEMORIAL PARK, NEAR LAKESHORE RD.<UNOFFICIAL> Mississauga ON

Database: ***SPL***

Ref No:	2472-5NVTCU	***Sector Type:***	Other Plant - Sewage Municipal
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	***Source Type:***	
Contaminant Code:	44	***Receiving Medium:***	Land
Contaminant Limit 1:		***Receiving Env:***	
Contam Limit Freq 1:		***Environment Impact:***	Possible
Contaminant UN No 1:		***Nature of Impact:***	Human Health/Safety
Contaminant Qty:		***SAC Action Class:***	Spill to Land

Material Group:	Waste	***Year:***	
MOE Reported Dt:	6/26/2003	***Site Address:***	
Health/Env Conseq:		***Site Conc:***	
Incident Dt:	6/26/2003	***Site Lot:***	
Incident Cause:		***Site County/District:***	
Incident Event:		***Site Municipality:***	Mississauga
Incident Reason:		***Site Postal Code:***	
Incident Summary:	Richards Memorial Park-small sewage spill.		

Site: ***Database:*** ***SPL***

Credit River and Lakeshore Rd. CREDIT RIVER<UNOFFICIAL> Mississauga ON

Ref No:	6083-6Q8LGC	***Sector Type:***	Other
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	***Source Type:***	
Contaminant Code:	44	***Receiving Medium:***	Water
Contaminant Limit 1:		***Receiving Env:***	
Contam Limit Freq 1:		***Environment Impact:***	Possible
Contaminant UN No 1:		***Nature of Impact:***	Surface Water Pollution
Contaminant Qty:	Not Specific Unknown	***SAC Action Class:***	
Material Group:	Wastes	***Year:***	
MOE Reported Dt:	5/28/2006	***Site Address:***	CREDIT RIVER AND LAKESHORE RD.
Health/Env Conseq:		***Site Conc:***	
Incident Dt:	5/28/2006	***Site Lot:***	
Incident Cause:	Other Discharges	***Site County/District:***	
Incident Event:		***Site Municipality:***	Mississauga
Incident Reason:	Unknown - Reason not determined	***Site Postal Code:***	
Incident Summary:	Spill of sewage to the Credit River.		

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2017

Abandoned Mine Information System: Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Jan 31, 2018

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2018

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 31, 2012

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Nov 2017

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Feb 28, 2018

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886-Nov 30, 2017

Dry Cleaning Facilities: Federal DRYCLEANERS

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 2016

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Jan 31, 2018

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Feb 28, 2018

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Jan 31, 2018

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Feb 28, 2018

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Dec 2017

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2017

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-December 31, 2017

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2015

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Environmental Penalty Annual Report: Provincial MISA PENALTY

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2017

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2017

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2016

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Dec 31, 2017

National Energy Board Wells: Federal NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGW

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

Government Publication Date: 1988-December 31, 2017

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Oct 2017

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Feb 28, 2018

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988-Aug 2017

TSSA Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Feb 28, 2018

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

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

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

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Jan 31, 2018

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Sep 2017

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2016

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2017

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Jan 31, 2018

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Mar 31, 2017

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX C

ENVIRONMENTAL RISK INFORMATION SERVICE

Head Office: 80 Valleybrook Dr, Toronto, ON M3B 2S9
Physical Address: 38 Lesmill Rd, Toronto, ON M3B 2T5
Phone: 416-510-5204 • Fax: 416-510-5133
info@erisinfo.com • www.erisinfo.com

City Directory Information Source
Polk's Halton Peel Region ON Criss Cross

PROJECT NUMBER: 20180426226	
Site Address:	24 Ann Street, Mississauga, Ontario
Year: 2000	
Site Listing:	-Residential (4 tenants)
Adjacent Properties:	
22 Ann Street	-Residential (3 tenants)
26 Ann Street	-Unity Church
28 Ann Street	-Residential (1 tenant)
30 Ann Street	-Residential (1 tenant)
25 Helene Street North	-Address Not Listed

27 Helene Street North	-Sheridan Cleaners
31 Helene Street North	-Go Mart
70 Park Street East	-Multi Tenant Residential (200 tenants) -Century Park Apts -Cosway Cleaning Services
78 Park Street East	-Residential (1 tenant)
30 Queen Street East	-Address Not Listed

PROJECT NUMBER: 20180426226	
Site Address:	24 Ann Street, Mississauga, Ontario
Year: 1994	
Site Listing:	-Residential (4 tenants)
Adjacent Properties:	
22 Ann Street	-Residential (3 tenants)
26 Ann Street	-Unity Church
28 Ann Street	-Residential (1 tenant)

30 Ann Street	-Residential (1 tenant)
25 Helene Street North	-Address Not Listed
27 Helene Street North	-Sheridan Cleaners
31 Helene Street North	-Go Mart
70 Park Street East	-Multi Tenant Residential (200 tenants) -Armstrong World Industries Canada Ltd
78 Park Street East	-Address Not Listed
30 Queen Street East	-VK Mason Construction Ltd

PROJECT NUMBER: 20180426226	
Site Address:	24 Ann Street, Mississauga, Ontario
Year: 1989	
Site Listing:	-Child's World Day Nursery
Adjacent Properties:	
22 Ann Street	-Residential (3 tenants)

26 Ann Street	-Address Not Listed
28 Ann Street	-Residential (1 tenant)
30 Ann Street	-Residential (1 tenant)
25 Helene Street North	-Clarkson TV Service -Presto TV Service Ltd
27 Helene Street North	-Sheridan Cleaners
31 Helene Street North	-Go Mart
70 Park Street East	-Multi Tenant Residential (200 tenants)
78 Park Street East	-Res (1 tenant)
30 Queen Street East	-Address Not Listed

PROJECT NUMBER: 20180426226	
Site Address:	24 Ann Street, Mississauga, Ontario
Year: 1984	
Site Listing:	-Heidi's Sunshine Day Care
Adjacent Properties:	

22 Ann Street	-Residential (3 tenants)
26 Ann Street	-Unity Church of Mississauga
28 Ann Street	-Residential (1 tenant)
30 Ann Street	-Residential (1 tenant)
25 Helene Street North	-Address Not Listed
27 Helene Street North	-Sheridan Cleaners
31 Helene Street North	-Go Mart
70 Park Street East	-Multi Tenant Residential (200 tenants)
78 Park Street East	-Walker Exploration Ltd
30 Queen Street East	-Address Not Listed

PROJECT NUMBER: 20180426226	
Site Address:	24 Ann Street, Mississauga, Ontario
Year: 1977-1978	
Site Listing:	-Res (1 tenant)

Adjacent Properties:	
22 Ann Street	-Res (1 tenant)
26 Ann Street	-Address Not Listed
28 Ann Street	-Res (1 tenant)
30 Ann Street	-Res (1 tenant)
25 Helene Street North	-Res (1 tenant)
27 Helene Street North	-Kwik Kleen Dry Cleaners
31 Helene Street North	-Go Mart
70 Park Street East	-Multi Tenant Residential (200 tenants)
78 Park Street East	-Res (1 tenant)
30 Queen Street East	-Address Not Listed

PROJECT NUMBER: 20180426226	
Site Address:	24 Ann Street, Mississauga, Ontario
Year: 1972-1973	

Site Listing:	-Res (1 tenant)
Adjacent Properties:	
22 Ann Street	-Res (4 tenants)
26 Ann Street	-Address Not Listed
28 Ann Street	-Res (1 tenant)
30 Ann Street	-Res (1 tenant)
25 Helene Street North	-Century Park Pizza -Res (1 tenant)
27 Helene Street North	-Kwik Kleen Dry Cleaners
31 Helene Street North	-Go Mart
70 Park Street East	-Multi Tenant Residential (200 tenants)
78 Park Street East	-Res (1 tenant)
30 Queen Street East	-Address Not Listed

PROJECT NUMBER: 20180426226	

Site Address:	24 Ann Street, Mississauga, Ontario
Year: 1966	
Site Listing:	-Address Not Listed
Adjacent Properties:	
22 Ann Street	-Res (4 tenants)
26 Ann Street	-Address Not Listed
28 Ann Street	-Res (1 tenant)
30 Ann Street	-Res (1 tenant)
25 Helene Street North	-Address Not Listed
27 Helene Street North	-Address Not Listed
31 Helene Street North	-Address Not Listed
70 Park Street East	-Address Not Listed
78 Park Street East	-Res (1 tenant)
30 Queen Street East	-Address Not Listed

PROJECT NUMBER: 20180426226	
Site Address:	24 Ann Street, Mississauga, Ontario
Year: 1958	
Site Listing:	-Address Not Listed
Adjacent Properties:	
22 Ann Street	-Address Not Listed
26 Ann Street	-Address Not Listed
28 Ann Street	-Res (1 tenant)
30 Ann Street	-Res (1 tenant)
25 Helene Street North	-Address Not Listed
27 Helene Street North	-Address Not Listed
31 Helene Street North	-Address Not Listed
70 Park Street East	-Address Not Listed
78 Park Street East	-Address Not Listed

30 Queen Street East	-Address Not Listed

PROJECT NUMBER: 20180426226	
Site Address:	24 Ann Street, Mississauga, Ontario
Year: 1953	
Site Listing:	-Address Not Listed
Adjacent Properties:	
22 Ann Street	-Address Not Listed
26 Ann Street	-Address Not Listed
28 Ann Street	-Address Not Listed
30 Ann Street	-Address Not Listed
25 Helene Street North	-Address Not Listed
27 Helene Street North	-Address Not Listed
31 Helene Street North	-Address Not Listed
70 Park Street East	-Address Not Listed

78 Park Street East	-Address Not Listed
30 Queen Street East	-Address Not Listed

-All listings for businesses were listed as they are in the city directory.

-

Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory

APPENDIX F

Interview and Site Reconnaissance Forms

ARCADIS CANADA INC.

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT INTERVIEW FORM

ARCADIS Project №: 702865

Client: Edinshaw Management Limited.

Interview Date & Time: September 11, 2018

Name(s) of Interviewee(s) & Title: Joseph Loncar
(Current ✓ owner/occupant/other)

Contact Information: 647-680-0093

Interview Method & Location: Site

General Site Information

Property Address: 22 Ann Street, Mississauga

Site Description: The property is a residential apartment building. It has a ground floor unit, a first floor and basement. All the three units are rented out.

Interview Questions:

1. How long have you ~~worked~~/lived at the site?
Joseph bought the property from his friend and rented it out.

2. What is the site currently used for? What was it used for in the past?
Residential apartments. It was always a residence

3. Was a dry cleaning facility ever present at the site or at adjacent properties?
No.

4. Was the site ever used as a gasoline service station or for fuel storage or oil and gas refining?

No.

5. Potentially Contaminating Activities

Item	Column A	
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
2.	Adhesives and Resins Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
3.	Airstrips and Hangars Operation	Yes ☐ No ☑
4.	Antifreeze and De-icing Manufacturing and Bulk Storage	Yes ☐ No ☑
5.	Asphalt and Bitumen Manufacturing	Yes ☐ No ☑
6.	Battery Manufacturing, Recycling and Bulk Storage	Yes ☐ No ☑
7.	Boat Manufacturing	Yes ☐ No ☑
8.	Chemical Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
9.	Coal Gasification	Yes ☐ No ☑
10.	Commercial Autobody Shops	Yes ☐ No ☑
11.	Commercial Trucking and Container Terminals	Yes ☐ No ☑
12.	Concrete, Cement and Lime Manufacturing	Yes ☐ No ☑

13.	Cosmetics Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
14.	Crude Oil Refining, Processing and Bulk Storage	Yes ☐ No ☑
15.	Discharge of Brine related to oil and gas production	Yes ☐ No ☑
16.	Drum and Barrel and Tank Reconditioning and Recycling	Yes ☐ No ☑
17.	Dye Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
18.	Electricity Generation, Transformation and Power Stations	Yes ☐ No ☑
19.	Electronic and Computer Equipment Manufacturing	Yes ☐ No ☑
20.	Explosives and Ammunition Manufacturing, Production and Bulk Storage	Yes ☐ No ☑
21.	Explosives and Firing Range	Yes ☐ No ☑
22.	Fertilizer Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
23.	Fire Retardant Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
24.	Fire Training	Yes ☐ No ☑
25.	Flocculants Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
26.	Foam and Expanded Foam Manufacturing and Processing	Yes ☐ No ☑
27.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Yes ☐ No ☑

28.	Gasoline and Associated Products Storage in Fixed Tanks	Yes ☐ No ☑
29.	Glass Manufacturing	Yes ☐ No ☑
30.	Importation of Fill Material of Unknown Quality	Yes ☐ No ☑
31.	Ink Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
32.	Iron and Steel Manufacturing and Processing	Yes ☐ No ☑
33.	Metal Treatment, Coating, Plating and Finishing	Yes ☐ No ☑
34.	Metal Fabrication	Yes ☐ No ☑
35.	Mining, Smelting and Refining; Ore Processing; Tailings Storage	Yes ☐ No ☑
36.	Oil Production	Yes ☐ No ☑
37.	Operation of Dry Cleaning Equipment (where chemicals are used)	Yes ☐ No ☑
38.	Ordnance Use	Yes ☐ No ☑
39.	Paints Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
40.	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Yes ☐ No ☑
41.	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
42.	Pharmaceutical Manufacturing and Processing	Yes ☐ No ☑

43.	Plastics (including Fibreglass) Manufacturing and Processing	Yes ☐ No ☑
44.	Port Activities, including Operation and Maintenance of Wharves and Docks	Yes ☐ No ☑
45.	Pulp, Paper and Paperboard Manufacturing and Processing	Yes ☐ No ☑
46.	Rail Yards, Tracks and Spurs	Yes ☐ No ☑
47.	Rubber Manufacturing and Processing	Yes ☐ No ☑
48.	Salt Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
49.	Salvage Yard, including automobile wrecking	Yes ☐ No ☑
50.	Soap and Detergent Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
51.	Solvent Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Yes ☐ No ☑
53.	Tannery	Yes ☐ No ☑
54.	Textile Manufacturing and Processing	Yes ☐ No ☑
55.	Transformer Manufacturing, Processing and Use	Yes ☐ No ☑
56.	Treatment of Sewage equal to or greater than 10,000 litres per day	Yes ☐ No ☑
57.	Vehicles and Associated Parts Manufacturing	Yes ☐ No ☑

58.	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Yes ☐ No ☑
59.	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	Yes ☐ No ☑

6. When was the site first developed?

No idea.

7. How old is/are the building(s) or other structures on the site?

The building was poobaly built in 1965.

- Have there been any additions or major renovations?

A few minor interior renovations. The fence seen in the basement was converted to a brand new hot gas fence.

8. How are the buildings heated and cooled? How were they heated/cooled previously?

Hot-gas heated. The units on the ground floor & the first floor have a window mounted A/C unit.

9. Are any ASTs or USTs situated on the site?

No AST's or UST's on site.

- Quantity:
- Location:
- Contents:

10. Have any ASTs or USTs been removed from the site? If so, was any soil verification testing carried out?

No.

11. Are you aware of any leaks or spills associated with the ASTs/USTs or on the overall site?

Not applicable

12. Has imported fill ever been placed on the site?

None that he is aware of

13. Were pesticides, herbicides, fungicides or anti-fouling agents ever used at the site?

None that he is aware of.

14. Have radioactive materials ever been used or stored at the site?

No.

15. Has salt ever been stored, used, handled or disposed of on-site?

No.

16. Have motor vehicle maintenance, operation or repair activities ever been carried out on-site?

No.

17. Is garbage or other waste materials, such as old cars, scrap metal or car batteries on the site?

No.

18. Are there any easements on the property?

No

19. Are any chemicals stored on the property? Where? Is secondary containment used? Have any leaks or spills occurred?

No chemicals on the property.

20. What is the source of potable water at the site? (i.e. municipal or water wells)

Municipal water. (City of Mississauga)

- If water wells, how are they constructed? (i.e. bored, dug, drilled)

Not applicable

21. Are there any drinking or monitoring wells present on the property, either operational or non-operational? If so, where are they located?

No.

22. If potable water wells are present, what type of treatment system is used?

No.

23. Are any underground utilities present at the site?

~~No~~. None that I'm aware of

24. Are any sumps or oil/water separators present on the site?

No.

25. Are you aware of any previous environmental investigations on the site?

No.

26. Are or were any hazardous materials used or stored on the site?

No.

27. Is any waste generated at the site?

Only household waste

If 'Yes', how is waste removed from the site?

City of Mississauga - weekly garbage pickup

28. Are you aware of the presence of asbestos, lead, mould or other designated substances on the property?

No.

- Has a designated substances survey been carried out previously for the site?

  No.
- Has any abatement work been conducted. If so what was the outcome?

  No.

29. Is any hydraulic equipment (hoists, lifts, etc.) present on the property?

No.

30. Are any septic tanks situated on the site?

No.

31. Were PCBs ever stored on the site?

No.

32. Are any cisterns on the site to store water?

No.

33. Are any ponds or watercourses situated on or adjacent to the property?

No.

Additional Information:

First floor:- Kitchen: electric oven, ceiling good condition, floor- hard wood, baseboard heaters. A/c unit on the window.

Ground floor:- 2 bedroom, 1 Kitchen, a corridor, 1 washroom / Livingroom.

Basement: Laundry room / furnace room:- washing machine & dryer. 3 boilers, furnace:- brand new. ~~hot gas~~ hot water gas, copper pipings. - new sprinkler system.

Basement unit:- floor tiled -> Kitchen, bedroom - carpetted 1- Kitchen.

Stairs:- all carpetted.

Interviewer: L. PEREIRA Sign: [signature]

Qualified Person: _____ Sign: _____

Date: Sept 17, 2018

This form is prepared in accordance with O. Reg. 153/04 for a Phase I Environmental Site Assessment.

ARCADIS CANADA INC.

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT INTERVIEW FORM

ARCADIS Project №: 702865

Client: Edinshaw Management Limited

Interview Date & Time: September 11, 2018

Name(s) of Interviewee(s) & Title: Mrs. Naiomi Pomes
(Current owner/occupant/other)

Contact Information: 416-543-9092 (Mrs. Pomes husband TOM. No.)

Interview Method & Location: Site.

General Site Information

Property Address: 24 Ann Street, Mississauga.

Site Description: Residential building with two units. Ground floor unit has entrance from the front to back. First floor unit has entrance from the back of the building. They are occupied (rented). The basement entrance is from the back & is used for storage of household items. Two sheds are present in the backyard.

Interview Questions:

1. How long have you worked/lived at the site?
Mrs. Pomes mother-in-law used to live there.

2. What is the site currently used for? What was it used for in the past?
Residential unit. Ground floor & first floor are rented out.

3. Was a dry cleaning facility ever present at the site or at adjacent properties?
No.

4. Was the site ever used as a gasoline service station or for fuel storage or oil and gas refining?

No.

5. Potentially Contaminating Activities

Item	Column A	
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
2.	Adhesives and Resins Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
3.	Airstrips and Hangars Operation	Yes ☐ No ☑
4.	Antifreeze and De-icing Manufacturing and Bulk Storage	Yes ☐ No ☑
5.	Asphalt and Bitumen Manufacturing	Yes ☐ No ☑
6.	Battery Manufacturing, Recycling and Bulk Storage	Yes ☐ No ☑
7.	Boat Manufacturing	Yes ☐ No ☑
8.	Chemical Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
9.	Coal Gasification	Yes ☐ No ☑
10.	Commercial Autobody Shops	Yes ☐ No ☑
11.	Commercial Trucking and Container Terminals	Yes ☐ No ☑
12.	Concrete, Cement and Lime Manufacturing	Yes ☐ No ☑

13.	Cosmetics Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
14.	Crude Oil Refining, Processing and Bulk Storage	Yes ☐ No ☑
15.	Discharge of Brine related to oil and gas production	Yes ☐ No ☑
16.	Drum and Barrel and Tank Reconditioning and Recycling	Yes ☐ No ☑
17.	Dye Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
18.	Electricity Generation, Transformation and Power Stations	Yes ☐ No ☑
19.	Electronic and Computer Equipment Manufacturing	Yes ☐ No ☑
20.	Explosives and Ammunition Manufacturing, Production and Bulk Storage	Yes ☐ No ☑
21.	Explosives and Firing Range	Yes ☐ No ☑
22.	Fertilizer Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
23.	Fire Retardant Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
24.	Fire Training	Yes ☐ No ☑
25.	Flocculants Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
26.	Foam and Expanded Foam Manufacturing and Processing	Yes ☐ No ☑
27.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Yes ☐ No ☑

28.	Gasoline and Associated Products Storage in Fixed Tanks	Yes ☐ No ☑
29.	Glass Manufacturing	Yes ☐ No ☑
30.	Importation of Fill Material of Unknown Quality	Yes ☐ No ☑
31.	Ink Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
32.	Iron and Steel Manufacturing and Processing	Yes ☐ No ☑
33.	Metal Treatment, Coating, Plating and Finishing	Yes ☐ No ☑
34.	Metal Fabrication	Yes ☐ No ☑
35.	Mining, Smelting and Refining; Ore Processing; Tailings Storage	Yes ☐ No ☑
36.	Oil Production	Yes ☐ No ☑
37.	Operation of Dry Cleaning Equipment (where chemicals are used)	Yes ☐ No ☑
38.	Ordnance Use	Yes ☐ No ☑
39.	Paints Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
40.	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Yes ☐ No ☑
41.	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
42.	Pharmaceutical Manufacturing and Processing	Yes ☐ No ☑

43.	Plastics (including Fibreglass) Manufacturing and Processing	Yes ☐ No ☐
44.	Port Activities, including Operation and Maintenance of Wharves and Docks	Yes ☐ No ☐
45.	Pulp, Paper and Paperboard Manufacturing and Processing	Yes ☐ No ☐
46.	Rail Yards, Tracks and Spurs	Yes ☐ No ☐
47.	Rubber Manufacturing and Processing	Yes ☐ No ☐
48.	Salt Manufacturing, Processing and Bulk Storage	Yes ☐ No ☐
49.	Salvage Yard, including automobile wrecking	Yes ☐ No ☐
50.	Soap and Detergent Manufacturing, Processing and Bulk Storage	Yes ☐ No ☐
51.	Solvent Manufacturing, Processing and Bulk Storage	Yes ☐ No ☐
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Yes ☐ No ☐
53.	Tannery	Yes ☐ No ☐
54.	Textile Manufacturing and Processing	Yes ☐ No ☐
55.	Transformer Manufacturing, Processing and Use	Yes ☐ No ☐
56.	Treatment of Sewage equal to or greater than 10,000 litres per day	Yes ☐ No ☐
57.	Vehicles and Associated Parts Manufacturing	Yes ☐ No ☐

58.	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	**Yes** ☐ **No** ☑
59.	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	**Yes** ☐ **No** ☑

6. When was the site first developed?

No idea.

7. How old is/are the building(s) or other structures on the site?

It could have been built in the 1930's (1935)

- Have there been any additions or major renovations?

A few renovations have been done through various owners.

8. How are the buildings heated and cooled? How were they heated/cooled previously?

Natural gas furnace. ~~HVAC~~ & an air-conditioning unit.

9. Are any ASTs or USTs situated on the site?

No.

- Quantity:
- Location:
- Contents:

10. Have any ASTs or USTs been removed from the site? If so, was any soil verification testing carried out?

No.
~~+~~ former AST (furnace oil)

11. Are you aware of any leaks or spills associated with the ASTs/USTs or on the overall site?

Not applicable

12. Has imported fill ever been placed on the site?

No

13. Were pesticides, herbicides, fungicides or anti-fouling agents ever used at the site?

No.

14. Have radioactive materials ever been used or stored at the site?

No.

15. Has salt ever been stored, used, handled or disposed of on-site?

No.

16. Have motor vehicle maintenance, operation or repair activities ever been carried out on-site?

No.

17. Is garbage or other waste materials, such as old cars, scrap metal or car batteries on the site?

No.

18. Are there any easements on the property?

No.

19. Are any chemicals stored on the property? Where? Is secondary containment used? Have any leaks or spills occurred?

No.

20. What is the source of potable water at the site? (i.e. municipal or water wells)

City of Mississauga - Municipal.

- If water wells, how are they constructed? (i.e. bored, dug, drilled)

—

21. Are there any drinking or monitoring wells present on the property, either operational or non-operational? If so, where are they located?

No.

22. If potable water wells are present, what type of treatment system is used?

—

23. Are any underground utilities present at the site?

Not that she was aware of.

24. Are any sumps or oil/water separators present on the site?

No.

25. Are you aware of any previous environmental investigations on the site?

No.

26. Are or were any hazardous materials used or stored on the site?

No.

27. Is any waste generated at the site?

Household waste

If 'Yes', how is waste removed from the site?

City of Mississauga - garbage

28. Are you aware of the presence of asbestos, lead, mould or other designated substances on the property?

No.

- Has a designated substances survey been carried out previously for the site?

No.

- Has any abatement work been conducted. If so what was the outcome?

No.

29. Is any hydraulic equipment (hoists, lifts, etc.) present on the property?

No.

30. Are any septic tanks situated on the site?

No.

31. Were PCBs ever stored on the site?

No.

32. Are any cisterns on the site to store water?

No.

33. Are any ponds or watercourses situated on or adjacent to the property?

NO

Additional Information:

Basement: NG furnace was installed 5 years ago, copper pipes. The building was oil heated prior to the new furnace & boiler. The oil furnace was removed in the late 1980's & a NG furnace was installed. There is a bathroom next to the furnace room. Floor drain was observed, tiled flooring in the furnace room.
Storage room: storage of paint cans, metal stands, electrical supplies, floor tiled.
Ground floor: Electric oven, 2 bedrooms, living room, washroom - tiled, 1 dining room
First floor: 1 Kitchen, 3 washrooms, 1 living room, 1 electric furnace, well painted and maintained, ~~it used to~~ the building used to have a hair salon, a day care centre & then used as a residence.

Interviewer: L. Pereira Sign: L. Pereira

Qualified Person: _____ Sign: _____

Date: Sep 11, 2018

This form is prepared in accordance with O. Reg. 153/04 for a Phase I Environmental Site Assessment.

ARCADIS CANADA INC.

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT INTERVIEW FORM

ARCADIS Project №: 702865

Client: Edinchew Management Limited

Interview Date & Time: Septimbre 13, 2018

Name(s) of Interviewee(s) & Title: Mr. Lou Defabrizio
(Current owner/occupant/other)

Contact Information: 727-455-9292 (He lives in Florida during winter).

Interview Method & Location: Site

General Site Information

Property Address: 26 Ann Street, Mississauga.

Site Description: The building is used for residential purpose. It has a ground floor & a basement. The south side of the basement has a fireplace. The interior of the building has also been renovated.

Interview Questions:

1. How long have you worked/lived at the site?
He owns the property for the last 9 years.

2. What is the site currently used for? What was it used for in the past?
Residence. In the past it used to be a church, a graphic arts studio, a masonic temple & a dance hall.

3. Was a dry cleaning facility ever present at the site or at adjacent properties?
NO.

4. Was the site ever used as a gasoline service station or for fuel storage or oil and gas refining?

NO.

5. Potentially Contaminating Activities

Item	Column A	
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
2.	Adhesives and Resins Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
3.	Airstrips and Hangars Operation	Yes ☐ No ☑
4.	Antifreeze and De-icing Manufacturing and Bulk Storage	Yes ☐ No ☑
5.	Asphalt and Bitumen Manufacturing	Yes ☐ No ☑
6.	Battery Manufacturing, Recycling and Bulk Storage	Yes ☐ No ☑
7.	Boat Manufacturing	Yes ☐ No ☑
8.	Chemical Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
9.	Coal Gasification	Yes ☐ No ☑
10.	Commercial Autobody Shops	Yes ☐ No ☑
11.	Commercial Trucking and Container Terminals	Yes ☐ No ☑
12.	Concrete, Cement and Lime Manufacturing	Yes ☐ No ☑

13.	Cosmetics Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
14.	Crude Oil Refining, Processing and Bulk Storage	Yes ☐ No ☑
15.	Discharge of Brine related to oil and gas production	Yes ☐ No ☑
16.	Drum and Barrel and Tank Reconditioning and Recycling	Yes ☐ No ☑
17.	Dye Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
18.	Electricity Generation, Transformation and Power Stations	Yes ☐ No ☑
19.	Electronic and Computer Equipment Manufacturing	Yes ☐ No ☑
20.	Explosives and Ammunition Manufacturing, Production and Bulk Storage	Yes ☐ No ☑
21.	Explosives and Firing Range	Yes ☐ No ☑
22.	Fertilizer Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
23.	Fire Retardant Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
24.	Fire Training	Yes ☐ No ☑
25.	Flocculants Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
26.	Foam and Expanded Foam Manufacturing and Processing	Yes ☐ No ☑
27.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Yes ☐ No ☑

28.	Gasoline and Associated Products Storage in Fixed Tanks	Yes ☐ No ☐
29.	Glass Manufacturing	Yes ☐ No ☐
30.	Importation of Fill Material of Unknown Quality	Yes ☐ No ☐
31.	Ink Manufacturing, Processing and Bulk Storage	Yes ☐ No ☐
32.	Iron and Steel Manufacturing and Processing	Yes ☐ No ☐
33.	Metal Treatment, Coating, Plating and Finishing	Yes ☐ No ☐
34.	Metal Fabrication	Yes ☐ No ☐
35.	Mining, Smelting and Refining; Ore Processing; Tailings Storage	Yes ☐ No ☐
36.	Oil Production	Yes ☐ No ☐
37.	Operation of Dry Cleaning Equipment (where chemicals are used)	Yes ☐ No ☐
38.	Ordnance Use	Yes ☐ No ☐
39.	Paints Manufacturing, Processing and Bulk Storage	Yes ☐ No ☐
40.	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Yes ☐ No ☐
41.	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage	Yes ☐ No ☐
42.	Pharmaceutical Manufacturing and Processing	Yes ☐ No ☐

43.	Plastics (including Fibreglass) Manufacturing and Processing	Yes ☐ No ☐
44.	Port Activities, including Operation and Maintenance of Wharves and Docks	Yes ☐ No ☐
45.	Pulp, Paper and Paperboard Manufacturing and Processing	Yes ☐ No ☐
46.	Rail Yards, Tracks and Spurs	Yes ☐ No ☐
47.	Rubber Manufacturing and Processing	Yes ☐ No ☐
48.	Salt Manufacturing, Processing and Bulk Storage	Yes ☐ No ☐
49.	Salvage Yard, including automobile wrecking	Yes ☐ No ☐
50.	Soap and Detergent Manufacturing, Processing and Bulk Storage	Yes ☐ No ☐
51.	Solvent Manufacturing, Processing and Bulk Storage	Yes ☐ No ☐
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Yes ☐ No ☐
53.	Tannery	Yes ☐ No ☐
54.	Textile Manufacturing and Processing	Yes ☐ No ☐
55.	Transformer Manufacturing, Processing and Use	Yes ☐ No ☐
56.	Treatment of Sewage equal to or greater than 10,000 litres per day	Yes ☐ No ☐
57.	Vehicles and Associated Parts Manufacturing	Yes ☐ No ☐

58.	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Yes ☐ No ✓
59.	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	Yes ☐ No ✓

6. When was the site first developed?

It might have been developed in the early 1930's.

7. How old is/are the building(s) or other structures on the site?

Could have been constry in 1930.

- Have there been any additions or major renovations?

The current owner has done some interior & exterior renovations. He has also done some landscaping.

8. How are the buildings heated and cooled? How were they heated/cooled previously?

Heated using a natural gas fired furnace. It has an air-conditioning unit.

9. Are any ASTs or USTs situated on the site?

No.

- Quantity:
- Location:
- Contents:

10. Have any ASTs or USTs been removed from the site? If so, was any soil verification testing carried out?

~~An~~ 1 AST was decommissioned 8 years ago. It was used for the storage of furnace oil.

11. Are you aware of any leaks or spills associated with the ASTs/USTs or on the overall site?

No.

12. Has imported fill ever been placed on the site?

No

22. If potable water wells are present, what type of treatment system is used?

No.

23. Are any underground utilities present at the site?

Sewer

24. Are any sumps or oil/water separators present on the site?

No.

25. Are you aware of any previous environmental investigations on the site?

No.

26. Are or were any hazardous materials used or stored on the site?

No.

27. Is any waste generated at the site?

Household waste - B

If 'Yes', how is waste removed from the site?

City of Mississauga.

28. Are you aware of the presence of asbestos, lead, mould or other designated substances on the property?

No.

- Has a designated substances survey been carried out previously for the site?

No.

- Has any abatement work been conducted. If so what was the outcome?

No.

29. Is any hydraulic equipment (hoists, lifts, etc.) present on the property?

No.

30. Are any septic tanks situated on the site?

No.

13. Were pesticides, herbicides, fungicides or anti-fouling agents ever used at the site?

No.

14. Have radioactive materials ever been used or stored at the site?

No.

15. Has salt ever been stored, used, handled or disposed of on-site?

No.

16. Have motor vehicle maintenance, operation or repair activities ever been carried out on-site?

No.

17. Is garbage or other waste materials, such as old cars, scrap metal or car batteries on the site?

No.

18. Are there any easements on the property?

No.

19. Are any chemicals stored on the property? Where? Is secondary containment used? Have any leaks or spills occurred?

No.

20. What is the source of potable water at the site? (i.e. municipal or water wells)

City of Mississauga (Municipal)

- If water wells, how are they constructed? (i.e. bored, dug, drilled)

21. Are there any drinking or monitoring wells present on the property, either operational or non-operational? If so, where are they located?

No.

31. Were PCBs ever stored on the site?

No.

32. Are any cisterns on the site to store water?

No.

33. Are any ponds or watercourses situated on or adjacent to the property?

No.

Additional Information:

There is a parking area in the front. A landscaped area at the front also of the building was identified on the exterior wall.

Interviewer: L. Pereira Sign:

Qualified Person: Sign:

Date: September 13 2018

This form is prepared in accordance with O. Reg. 153/04 for a Phase I Environmental Site Assessment.

ARCADIS CANADA INC.

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT INTERVIEW FORM

ARCADIS Project №: 702865

Client: Edenshaw Management Limited

Interview Date & Time: September 13, 2018

Name(s) of Interviewee(s) & Title: Ms. Tiberita Rox
(Current owner/occupant/other)

Contact Information: 647-290-5369
Her Realtor: 416-878-2676

Interview Method & Location: Site.

General Site Information

Property Address: 28 Ann Street, Mississauga.

Site Description: Residential building. It has a ground floor, first floor and a basement.

Interview Questions:

1. How long have you worked/lived at the site?
She bought the house in 1998.

2. What is the site currently used for? What was it used for in the past?
Residence. It was always a residence

3. Was a dry cleaning facility ever present at the site or at adjacent properties?
No.

4. Was the site ever used as a gasoline service station or for fuel storage or oil and gas refining?

No.

5. Potentially Contaminating Activities

Item	Column A	
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
2.	Adhesives and Resins Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
3.	Airstrips and Hangars Operation	Yes ☐ No ☑
4.	Antifreeze and De-icing Manufacturing and Bulk Storage	Yes ☐ No ☑
5.	Asphalt and Bitumen Manufacturing	Yes ☐ No ☑
6.	Battery Manufacturing, Recycling and Bulk Storage	Yes ☐ No ☑
7.	Boat Manufacturing	Yes ☐ No ☑
8.	Chemical Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
9.	Coal Gasification	Yes ☐ No ☑
10.	Commercial Autobody Shops	Yes ☐ No ☑
11.	Commercial Trucking and Container Terminals	Yes ☐ No ☑
12.	Concrete, Cement and Lime Manufacturing	Yes ☐ No ☑

13.	Cosmetics Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
14.	Crude Oil Refining, Processing and Bulk Storage	Yes ☐ No ☑
15.	Discharge of Brine related to oil and gas production	Yes ☐ No ☑
16.	Drum and Barrel and Tank Reconditioning and Recycling	Yes ☐ No ☑
17.	Dye Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
18.	Electricity Generation, Transformation and Power Stations	Yes ☐ No ☑
19.	Electronic and Computer Equipment Manufacturing	Yes ☐ No ☑
20.	Explosives and Ammunition Manufacturing, Production and Bulk Storage	Yes ☐ No ☑
21.	Explosives and Firing Range	Yes ☐ No ☑
22.	Fertilizer Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
23.	Fire Retardant Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
24.	Fire Training	Yes ☐ No ☑
25.	Flocculants Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
26.	Foam and Expanded Foam Manufacturing and Processing	Yes ☐ No ☑
27.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Yes ☐ No ☑

28.	Gasoline and Associated Products Storage in Fixed Tanks	Yes ☐ No ☑
29.	Glass Manufacturing	Yes ☐ No ☑
30.	Importation of Fill Material of Unknown Quality	Yes ☐ No ☑
31.	Ink Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
32.	Iron and Steel Manufacturing and Processing	Yes ☐ No ☑
33.	Metal Treatment, Coating, Plating and Finishing	Yes ☐ No ☑
34.	Metal Fabrication	Yes ☐ No ☑
35.	Mining, Smelting and Refining; Ore Processing; Tailings Storage	Yes ☐ No ☑
36.	Oil Production	Yes ☐ No ☑
37.	Operation of Dry Cleaning Equipment (where chemicals are used)	Yes ☐ No ☑
38.	Ordnance Use	Yes ☐ No ☑
39.	Paints Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
40.	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Yes ☐ No ☑
41.	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
42.	Pharmaceutical Manufacturing and Processing	Yes ☐ No ☑

43.	Plastics (including Fibreglass) Manufacturing and Processing	Yes ☐ No ☑
44.	Port Activities, including Operation and Maintenance of Wharves and Docks	Yes ☐ No ☑
45.	Pulp, Paper and Paperboard Manufacturing and Processing	Yes ☐ No ☑
46.	Rail Yards, Tracks and Spurs	Yes ☐ No ☑
47.	Rubber Manufacturing and Processing	Yes ☐ No ☑
48.	Salt Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
49.	Salvage Yard, including automobile wrecking	Yes ☐ No ☑
50.	Soap and Detergent Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
51.	Solvent Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Yes ☐ No ☑
53.	Tannery	Yes ☐ No ☑
54.	Textile Manufacturing and Processing	Yes ☐ No ☑
55.	Transformer Manufacturing, Processing and Use	Yes ☐ No ☑
56.	Treatment of Sewage equal to or greater than 10,000 litres per day	Yes ☐ No ☑
57.	Vehicles and Associated Parts Manufacturing	Yes ☐ No ☑

58.	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Yes ☐ No ☑
59.	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	Yes ☐ No ☑

6. When was the site first developed?

It could have been built in the late 1930's (may be 1939) The earliest owner was a lady named Ms. Lena Anderson & she was the first owner of the house.

7. How old is/are the building(s) or other structures on the site?

Building was built ~~on~~ in the 1930's.

- Have there been any additions or major renovations?

A few minor renovations in the basement

8. How are the buildings heated and cooled? How were they heated/cooled previously?

The building is heated using a natural gas furnace. A window mounted A/C unit is located in the living room.

9. Are any ASTs or USTs situated on the site?

1 former AST (containing oil).

- Quantity:
- Location: Basement near the bottom of the stairs
- Contents: Diesel.

10. Have any ASTs or USTs been removed from the site? If so, was any soil verification testing carried out?

Yes. No soil verification done

11. Are you aware of any leaks or spills associated with the ASTs/USTs or on the overall site?

No.

12. Has imported fill ever been placed on the site?

No.

13. Were pesticides, herbicides, fungicides or anti-fouling agents ever used at the site?

No.

14. Have radioactive materials ever been used or stored at the site?

No.

15. Has salt ever been stored, used, handled or disposed of on-site?

No.

16. Have motor vehicle maintenance, operation or repair activities ever been carried out on-site?

No.

17. Is garbage or other waste materials, such as old cars, scrap metal or car batteries on the site?

Household waste.

18. Are there any easements on the property?

No.

19. Are any chemicals stored on the property? Where? Is secondary containment used? Have any leaks or spills occurred?

No.

20. What is the source of potable water at the site? (i.e. municipal or water wells)

City of Mississauga (municipal).

- If water wells, how are they constructed? (i.e. bored, dug, drilled)

—

21. Are there any drinking or monitoring wells present on the property, either operational or non-operational? If so, where are they located?

No.

22. If potable water wells are present, what type of treatment system is used?

N/A -

23. Are any underground utilities present at the site?

South -

24. Are any sumps or oil/water separators present on the site?

No.

25. Are you aware of any previous environmental investigations on the site?

No.

26. Are or were any hazardous materials used or stored on the site?

No.

27. Is any waste generated at the site?

Household waste

If 'Yes', how is waste removed from the site?

City of Mississauga. - weekly pick up.

28. Are you aware of the presence of asbestos, lead, mould or other designated substances on the property?

No.

- Has a designated substances survey been carried out previously for the site?

No.

- Has any abatement work been conducted. If so what was the outcome?

No.

29. Is any hydraulic equipment (hoists, lifts, etc.) present on the property?

No.

30. Are any septic tanks situated on the site?

No.

31. Were PCBs ever stored on the site?

No.

32. Are any cisterns on the site to store water?

No.

33. Are any ponds or watercourses situated on or adjacent to the property?

No.

Additional Information:

- Asbestos was identified on the piping in the basement.
- Boiler - copper piping
- A shed is present in the backyard.
- A crack on the ceiling was noticed, some insulation was visible.
- ceramic tiles on the floor in the basement.
- wood picket fence on the living room
- Wooden interior walls in the living room & kitchen.

Interviewer: L. PEREIRA Sign: L. Pereira

Qualified Person: _____ Sign: _____

Date: September 13 2018

This form is prepared in accordance with O. Reg. 153/04 for a Phase I Environmental Site Assessment.

ARCADIS CANADA INC.

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT INTERVIEW FORM

ARCADIS Project №: 702865

Client: Edinshaw Management Limited

Interview Date & Time: September 11, 2018

Name(s) of Interviewee(s) & Title: John Adelaid
(Current owner/occupant/other)

Contact Information: 416 - 476 - 5578

Interview Method & Location: Site

General Site Information

Property Address: 78 Park Street East

Site Description: Residential building - Ground floor, first floor & basement. A shed is present in the backyard.

Interview Questions:

1. How long have you worked/lived at the site?
He has lived there for the past 10 years

2. What is the site currently used for? What was it used for in the past?
Residence. It was always a residence.

3. Was a dry cleaning facility ever present at the site or at adjacent properties?
No

4. Was the site ever used as a gasoline service station or for fuel storage or oil and gas refining?

No.

5. Potentially Contaminating Activities

Item	Column A	
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
2.	Adhesives and Resins Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
3.	Airstrips and Hangars Operation	Yes ☐ No ☑
4.	Antifreeze and De-icing Manufacturing and Bulk Storage	Yes ☐ No ☑
5.	Asphalt and Bitumen Manufacturing	Yes ☐ No ☑
6.	Battery Manufacturing, Recycling and Bulk Storage	Yes ☐ No ☑
7.	Boat Manufacturing	Yes ☐ No ☑
8.	Chemical Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
9.	Coal Gasification	Yes ☐ No ☑
10.	Commercial Autobody Shops	Yes ☐ No ☑
11.	Commercial Trucking and Container Terminals	Yes ☐ No ☑
12.	Concrete, Cement and Lime Manufacturing	Yes ☐ No ☑

13.	Cosmetics Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
14.	Crude Oil Refining, Processing and Bulk Storage	Yes ☐ No ☑
15.	Discharge of Brine related to oil and gas production	Yes ☐ No ☑
16.	Drum and Barrel and Tank Reconditioning and Recycling	Yes ☐ No ☑
17.	Dye Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
18.	Electricity Generation, Transformation and Power Stations	Yes ☐ No ☑
19.	Electronic and Computer Equipment Manufacturing	Yes ☐ No ☑
20.	Explosives and Ammunition Manufacturing, Production and Bulk Storage	Yes ☐ No ☑
21.	Explosives and Firing Range	Yes ☐ No ☑
22.	Fertilizer Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
23.	Fire Retardant Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
24.	Fire Training	Yes ☐ No ☑
25.	Flocculants Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
26.	Foam and Expanded Foam Manufacturing and Processing	Yes ☐ No ☑
27.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Yes ☐ No ☑

28.	Gasoline and Associated Products Storage in Fixed Tanks	Yes ☐ No ☑
29.	Glass Manufacturing	Yes ☐ No ☑
30.	Importation of Fill Material of Unknown Quality	Yes ☐ No ☑
31.	Ink Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
32.	Iron and Steel Manufacturing and Processing	Yes ☐ No ☑
33.	Metal Treatment, Coating, Plating and Finishing	Yes ☐ No ☑
34.	Metal Fabrication	Yes ☐ No ☑
35.	Mining, Smelting and Refining; Ore Processing; Tailings Storage	Yes ☐ No ☑
36.	Oil Production	Yes ☐ No ☑
37.	Operation of Dry Cleaning Equipment (where chemicals are used)	Yes ☐ No ☑
38.	Ordnance Use	Yes ☐ No ☑
39.	Paints Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
40.	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Yes ☐ No ☑
41.	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
42.	Pharmaceutical Manufacturing and Processing	Yes ☐ No ☑

43.	Plastics (including Fibreglass) Manufacturing and Processing	Yes ☐ No ☑
44.	Port Activities, including Operation and Maintenance of Wharves and Docks	Yes ☐ No ☑
45.	Pulp, Paper and Paperboard Manufacturing and Processing	Yes ☐ No ☑
46.	Rail Yards, Tracks and Spurs	Yes ☐ No ☑
47.	Rubber Manufacturing and Processing	Yes ☐ No ☑
48.	Salt Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
49.	Salvage Yard, including automobile wrecking	Yes ☐ No ☑
50.	Soap and Detergent Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
51.	Solvent Manufacturing, Processing and Bulk Storage	Yes ☐ No ☑
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Yes ☐ No ☑
53.	Tannery	Yes ☐ No ☑
54.	Textile Manufacturing and Processing	Yes ☐ No ☑
55.	Transformer Manufacturing, Processing and Use	Yes ☐ No ☑
56.	Treatment of Sewage equal to or greater than 10,000 litres per day	Yes ☐ No ☑
57.	Vehicles and Associated Parts Manufacturing	Yes ☐ No ☑

58.	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	**Yes** ☐ **No** ☑
59.	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	**Yes** ☐ **No** ☑

6. When was the site first developed?

It might have been developed in the late ~~18~~ 80's (~~19~~ (1869)

7. How old is/are the building(s) or other structures on the site?

It is an old building 200 years old.

- Have there been any additions or major renovations?

It has been renovated, mostly minor. A deck was ~~attach~~ attached to the back of the house in 1999.

8. How are the buildings heated and cooled? How were they heated/cooled previously?

The building is heated using a NG furnace & an a/c unit

9. Are any ASTs or USTs situated on the site?

Formerly AST's could have been present. He was not aware of any.

- Quantity:
- Location:
- Contents:

10. Have any ASTs or USTs been removed from the site? If so, was any soil verification testing carried out?

He was not aware of any AST's removed from the site

11. Are you aware of any leaks or spills associated with the ASTs/USTs or on the overall site?

No.

12. Has imported fill ever been placed on the site?

No

22. If potable water wells are present, what type of treatment system is used?

23. Are any underground utilities present at the site?

24. Are any sumps or oil/water separators present on the site?

25. Are you aware of any previous environmental investigations on the site?

26. Are or were any hazardous materials used or stored on the site?

27. Is any waste generated at the site?

If 'Yes', how is waste removed from the site?

28. Are you aware of the presence of asbestos, lead, mould or other designated substances on the property?

- Has a designated substances survey been carried out previously for the site?
- Has any abatement work been conducted. If so what was the outcome?

29. Is any hydraulic equipment (hoists, lifts, etc.) present on the property?

30. Are any septic tanks situated on the site?

13. Were pesticides, herbicides, fungicides or anti-fouling agents ever used at the site?

No.

14. Have radioactive materials ever been used or stored at the site?

No.

15. Has salt ever been stored, used, handled or disposed of on-site?

No.

16. Have motor vehicle maintenance, operation or repair activities ever been carried out on-site?

No.

17. Is garbage or other waste materials, such as old cars, scrap metal or car batteries on the site?

No.

18. Are there any easements on the property?

No.

19. Are any chemicals stored on the property? Where? Is secondary containment used? Have any leaks or spills occurred?

No.

20. What is the source of potable water at the site? (i.e. municipal or water wells)

City of Mississauga (municipal).

- If water wells, how are they constructed? (i.e. bored, dug, drilled)

—

21. Are there any drinking or monitoring wells present on the property, either operational or non-operational? If so, where are they located?

No.

31. Were PCBs ever stored on the site?

No.

32. Are any cisterns on the site to store water?

No.

33. Are any ponds or watercourses situated on or adjacent to the property?

No.

Additional Information:

The plumbing was modernized ~10yrs back.
Attic insulation was completed 10 yrs back. - vermiculite was identified in the attic.
Hardwood flooring, carpet in the living.

Interviewer: L. PEREIRA Sign:

Qualified Person: Sign:

Date: Sept 11, 2018

This form is prepared in accordance with O. Reg. 153/04 for a Phase I Environmental Site Assessment.

APPENDIX G

Qualifications of the Assessors

Richard B. German, P.Eng., QP(ESA, RA)

Senior Consultant

Education
B.Sc. (Mining Engineering and Oceanography), Queen's University, Kingston, Ontario, 1973
Richardson Scholarship, Queen's University, 1969

Years of Experience
Total – 41
With ARCADIS – 2

Professional Affiliations
Association of Professional Engineers of Ontario
Ontario Society of Professional Engineers
Association of Professional Engineers of Nova Scotia
Association of Professional Engineers and Geoscientists of BC
National Brownfield Association of Canada
Canadian Urban Institute

Technical Committees
Ontario Society of Professional Engineers: Chairman Brownfields Practice Committee, 2005 to 2009
National Brownfields Association Canada: Technology Committee, 2005 to 2010
Association of Professional Engineers of Ontario: GUCSO Evaluation Committee, 1994, 1996
Canada Oil and Gas Lands Administration Working Group on Ocean Mining, 1985
National Research Council of Canada Associate Committee on Geotechnical Research Subcommittee on Marine Geotechnical Engineering, 1981-1982
Task Group on Marine Geotechnical Engineering, 1978 1981

Decommissioning Consulting Services and its affiliated company SENES Consultants Limited were acquired and consolidated by Netherlands - based ARCADIS NV, one of the world's largest environmental consulting engineering organizations, in 2013. DCS, SENES and ARCADIS Franz Inc. were amalgamated as SENES Canada Inc. in 2015.

Detailed Experience

2015 – Present	**Arcadis Canada Inc., Richmond Hill, Ontario**
2013 – 2015	**ARCADIS SENES Canada Inc. (dba DCS), Richmond Hill, Ontario**
1990 – 2013	**Decommissioning Consulting Services Limited, Richmond Hill, Ontario**
1986 – 1990	**MacLarentech Inc., Toronto, Ontario**
1985 – 1986	**Canadian Dredge and Dock Inc., Toronto, Ontario**
1972 – 1985	**Geocon Inc., Toronto, Ontario**

2015 – Present	*Senior Consultant*
2008 – 2015	*Senior Principal*
2002 – 2007	*President*
1990 – 2002	*Vice President and General Manage*

Projects in which Mr. German has been involved include:

A Senior Principal of Arcadis Canada, Mr. German has more than 40 years of domestic and international consulting engineering and construction experience on: environmental and geotechnical site assessments; site characterization and hydrogeological evaluations; contaminant fate and transport studies; heavy industrial, transportation and natural resource site deactivation, decommissioning, decontamination and demolition; soil and groundwater cleanup; risk-based environmental management and hazardous, industrial and municipal waste management projects for dis-position, acquisition and redevelopment purposes for purchasers, vendors, legal counsel, receivers, real estate developers and insurers as well as for municipal, provincial and federal government departments and agencies. He has applied CSA, ASTM, RSC-compliant and corporate Standards in Canada, across the United States and in India for local, national and international clients at sites ranging from single privately and publically-owned

residential, commercial, industrial, parkland and institutional properties to multiple-property portfolios and land assemblies.

He specializes in large scale brownfields assessment, remediation and mitigation projects involving the rehabilitation of under-utilized industrial lands for reuse or redevelopment and in the preparation and application of risk assessments (RAs) prior to site preparation in lieu of full depth cleanup. Mr. German has extensive experience in conducting and managing environmental liability and due diligence assessments for real estate transactions, mergers and acquisitions and is a designated Qualified Person (QP) for Phase I and II ESAs and RAs as defined under Sections 5 and 6 of O.Reg 153/04 - Records of Site Condition (RSC). He has been a MOE Vendor of Record Senior Reviewer for Risk Assessments in Ontario since 2006 and acts frequently as an expert witness on court-appointed mediation, arbitrations and in litigation in respect of technical and professional practice issues for law firms during case preparation, in court, at tribunals and for applicants and interveners at Ontario Municipal Board hearings.

Decommissioning Consulting Services and its affiliated company SENES Consultants Limited were acquired by Netherlands - based ARCADIS NV, one of the world's largest environmental consulting engineering organizations in 2013.

Phase I Environmental Site Assessments

Mr. German has directed, managed, completed or reviewed preliminary facility and property assessments on several thousand wilderness, rural and urban properties for transactional, M & A and financial assurance purposes for private and public sector clients since 1986. These ESAs have ranged from single properties to multi-site portfolios in Canada, the US and overseas. Project examples include:

- Phase I ESA of a cellulose pulp mill in Port Alice B.C. for pre-purchase transactional due diligence purposes for a confidential client;
- Phase I ESA and DSS of a former school bus terminal in Hamilton ON for pre-purchase due diligence purposes for the vendor, First Student Canada Inc.;
- Phase I ESAs on a portfolio of 50 industrial properties in the GTA for Orlando Corporation on behalf of ALASCO services to structure a REIT for AIMCo in Edmonton AB;
- Phase I ESA and material compliance audits to meet O.Reg 153/04 and ASTM E1527 Standards for a confidential US-based client for the acquisition of large automotive hose and tubing manufacturing plants in Bramalea, ON and Baroda, India;
- Phase I ESA and material compliance audits to meet O.Reg 154/04 and Quebec Loi 72 requirements for the acquisition of metallurgical materials and high temperature alloy manufacturing plants in Bellville, ON and Pointe Claire QC for Kennametals and
- a Phase I ESA for First Student Inc. in preparation for Phase II ESA and RA programs leading to filing of a RSC at the site of a former bus terminal and repair facility prior to sale to a third party in Hamilton, ON.

Phase II Environmental Site Assessments

Mr. German has conducted, managed, directed, reviewed and advised on site characterization, hydrogeological, contaminant distribution and fate and transport assessment projects on more than 3,500 properties since 1978. Projects have been conducted: to evaluate environmental liabilities and net property values for transactional purposes; to provide design criteria for the development and implementation of remedial & risk management programs to meet generic and property specific assessment standards; for geo-technical purposes; to support RAs; for compliance purposes and to file RSCs and obtain regulatory authority approvals and closure on properties exhibiting a wide range of soil, groundwater, soil vapour and waste management issues associated with the presence of inorganics, chlorinated and non chlorinated volatile, semi volatile and

involatile organics, low level radioactive materials and explosives and chemical munitions following O.Reg 153/04, CSA and ASTM, Standards. Project examples include:

- a Phase II ESA as part of a pre-transactional due diligence process to characterize subsurface conditions at and determine the nature and distribution of soil and groundwater contamination across a former school bus terminal, establish the scope of the environmental liabilities and remedial requirements involved in meeting applicable MOECC-based site condition standards and provide preparatory information for a risk assessment for First Student Canada Inc. in Hamilton, ON;
- Phase II ESAs for the development of 11 residential condominium highrise and townhome complexes, three parks and municipal roads and services infrastructure for CityPlace on the former CN Toronto Rail yard for Concord Adex. ESAs were conducted: for transactional purposes at the time of purchase; to plan and manage environmental and construction site preparation for each block and stage of development; to provide information for the preparation of two RAs; for geotechnical design to manage and implement risk management measures and to provide confirmation information to file RSCs for acknowledgement;
- a Phase II ESA for the evaluation and cleanup of a polymer/ chemical and formulation plant in Stoney Creek ON leading to filing a RSC to meet the terms of an agreement of purchase and sale for the property;
- a Phase II ESA for a venture capital firm to meet Quebec Loi 72 requirements for the acquisition and closure of a chemical adhesives manufacturing plant in Pointe Claire QC;
- Phase II ESA, supplementary subsurface and hydrogeological investigation and soil vapour intrusion studies in preparation for a RA to manage long term chlorinated solvent losses from a dry-cleaning establishment at a large regional shopping centre in Oshawa ON for EmTwo Properties;
- a Phase II ESA at the site of a former service station and metalworking factory and supplementary geotechnical & hydro-geological investigations for site preparation, PTTW application for dewatering, foundation design and to support filing a RSC for a 35 storey condominium apartment building in downtown Toronto, ON for Edenshaw Developments.

Risk Assessments and Risk Management

Mr. German has conducted or participated in the preparation and implementation of more than 40 RAs to confirm safe ongoing use or permit redevelopment of former industrial properties without the need for full depth boundary-to-boundary cleanup since 1992. He has developed and applied RM measures to manage human and ecological exposure risks using engineered, institutional and administrative controls on numerous residential, commercial, institutional, industrial and parkland developments and has participated in the preparation and review of community based RAs. Mr. German has also provided peer review services on numerous RAs performed by others and has acted as a MOE Vendor of Record Senior Re-viewer for Risk Assessments in Ontario since 2006. Project examples include:

- Prepared a Risk assessment at a former school bus terminal in Hamilton ON to facilitate filing a Record of Site Condition to confirm that soil and groundwater underlying the site meet applicable property specific standards approved - of by the MOECC to meet obligations under an agreement of purchase and sale between the First Student Canada Inc. and the purchaser of the site;
- Prepared a RA for a proposed 3.5 ha highrise and town home condominium housing development on the former McNamara Marine shipbuilding, marine construction and dredging yard on Whitby Harbour. The RA site comprised a 30 m strip along the shoreline of Whitby Harbour that was subsequently cleaned-up to meet the PSS while the interior portion was cleaned up to Table 5 stratified SCS. Four RSCs were filed and acknowledged for Brookfield Homes (Ontario) Limited;
- Directed preparation of a RA to obtain a RSC for a 19 ha former heavy rubber products plant site scheduled for redevelopment in Collingwood, Ontario for Veyance Inc.
- Prepared an RA for a large industrial site in Toronto that was affected by flow-through chlorinated-VOC contaminated groundwater from an offsite source. A screening level RA confirmed that RMM could be safely applied following which a Tier 3 RA demonstrated that flow through contamination would not adversely affect workers and visitors to the site. A RSC was

submitted and acknowledged for Chair Holdings Limited;
- Prepared a quantitative risk assessment and developed RMM to protect railway staff, contractors and the public from exposure to COC comprising metals and PAHs along a rail spur constructed across dredge spoils in Oshawa Harbour for CN Rail;
- Directed preparation of a Tier 3 RA for the redevelopment of the 22 ha CityPlace development on the former CN Toronto railyard. The RA was conducted to demonstrate that soil excavated for construction of 15 residential condominium town home and high-rise complexes could be safely relocated beneath intervening roads and parks with the application of RMM including protective cover and institutional controls. RSCs were filed and acknowledged for all parks and roadways.

Site Remediation, Mitigation and RSCS

Mr. German has advised on, conducted or been responsible for more than 400 environmental cleanup programs ranging from responses to spills or discharges on land and into waterbodies to boundary to boundary full depth site remediation and RA-based risk management programs for large scale brownfields sites affected by extensive soil, groundwater and bedrock contamination since 1975. He has directed the full range of services required to assess and design soil, rock and groundwater cleanup, recovery and treatment and risk management programs, prepare specifications, drawings and tender and contract documentation, manage remedial and mitigative measures construction, verify conformance with applicable SCS and PSS, document completion of the integrated Phase II process and file RSCs with the MOE. Remedial programs have covered the cleanup of soil, groundwater and waste containing chlorinated and non chlorinated organic compounds, inorganic compounds including heavy metals and radioactive wastes and have involved the application of conventional removal and off site disposal, *in situ* and *ex situ* biotreatment, groundwater purging and treatment, *in situ* and *ex situ* chemical treatment and thermal desorption procedures. A number of projects have involved combined remedial/risk management programs which have been conducted in conjunction with building construction and on and off-site waste soil management. Project examples include:

- Localized soil cleanup and the construction of a horizontal exposure barrier and implementation of a risk management plan for the preparation of a 2 ha property as a special event bus parking facility at the Rogers Centre in Toronto and filing a RSC with the MOE for Stadco;
- Managed the remedial and RMM design and cleanup work at 25 residential properties, a community centre, public park & adjacent municipally owned boulevards contaminated with nickel, cobalt and other metals from a nickel refinery and historical steel mill and foundry in Port Colborne ON to meet PSS established by the MOE for Vale-Inco;
- Directed, designed and managed preparation of the remedial and RMM that were implemented to clean up 15 freehold condominium apartment complexes and adjacent parks and roadways on the 22 ha CityPlace Development on the former CN Toronto railway yards for Concord Adex Developments Corp. More than 750,000 m^3 soil was managed on site and 250,000 m^3 of soil was removed for offsite disposal. CVOC contaminated groundwater was also cut off from the residential lands. A total of 14 RSCs were filed for acknowledgement for residential, park and roadway blocks;
- Directed the cleanup of buried refinery wastes encountered adjacent to a creek on a residential condominium complex in Oakville, ON. The site was in the regulated flood zone and a detailed mitigative measures plan was thus required by the Halton Region CA. Full depth cleanup was completed using controlled procedures to avoid contamination of the creek and Lake Ontario and two RSCs were filed for the shoreline and interior portions of the site for Edgemere Estates.

Technical Publications and Presentations

Mr. German has presented more than 60 technical papers, seminars and discussions on brownfields development, risk assessment and management, site investigations and characterization, environmental liabilities, hazardous waste management, site decommissioning, marine geotechnical engineering and onshore and offshore drilling.

LOVINA PEREIRA, M.SC., P.ENG

ENVIRONMENTAL ENGINEER/ PROJECT MANAGEMENT & PERMITTING

EDUCATION

M.Sc. Chemical Engineering, Vienna University of Technology, Austria, 2006

B. Sc., Chemical Engineering, Manipal Institute of Technology, India, 2001

YEARS OF EXPERIENCE

Total – 9 Years
With Arcadis – 6 Years

PROFESSIONAL MEMBERSHIPS

Professional Engineers of Ontario

Dipl. Ing in Austria (EU)

Ms. Pereira is an Environmental Engineer with eight years of working experience in the field of chemical engineering and environmental consulting. Ms. Pereira is very enthusiastic on any projects she is involved with, passionate on projects she works on, motivated and efficient on environmental projects she undertakes for various public and private clients. She has been involved with engineering research and design in the past and has for the past few years carried out environmental investigations. She has applied her knowledge in air emission inventories and modelling.

Ms. Pereira also provides technical expertise in completing environmental investigations such as Phase One and Two Environmental Site Assessments (ESAs) and environmental monitoring in Ontario. She has knowledge and experience in completing Phase One and Two ESAs in accordance with Canadian Standards Association (CSA) standards as well as O. Reg. 153/04. She is involved with these projects from preparing health and safety plans, site reconnaissance, drilling, sampling, analysing lab data for soil and ground water, data QA-QC and reporting. She has experience liaising with clients, sub-contractors and managing projects.

Work Experience

2011 - Present Arcadis Canada Inc., Environmental Engineer
2009 – 2011 Virtual Engineers Inc., Richmond Hill, Process Chemical Engineer
2008 -2009 Ontario Ministry of the Environment, Review Engineer
2008 Xerox Research Center of Canada, Assistant Research Engineer
2006 – 2007 École Polytechnique, Montreal, Department of Chemical Engineering, Research Assistant

Relevant Project Experience

Phase I and II Environmental Site Assessment

2017- Ongoing – Report Author for a Phase One Environmental Site Assessment for a site in Port Stanley, Ontario. Client: Valero Energy Inc.

2018 – Report Author for a Phase I Environmental Site Assessment for a commercial property located in Toronto.

2018- Peer review of a quarry Hydrogeological report , Serpent River

2017 - Report Author for a Phase One Environmental Site Assessment for conveyance to the City of Toronto. A Record of Site Condition was completed for the site, the Phase I ESA was completed as per O. Reg 153/04 for conveyance to the City. Client: Infinity Development Group.

2016 to 2017 Project Engineer and Coordinator for eight (8) redevelopment projects. Coordinated Phase I and II ESA's. The Phase II ESA's were completed to delineate any petroleum hydrocarbon (PHC) and volatile organic compounds (VOCs) impacts. Client: Time Development Group.

2017 – Report Author for a CSA compliant Phase I Environmental Site Assessment for a commercial property located in Toronto.

2017- Report Author for a CSA compliant Phase I Environmental Site Assessment for two Bell facilities in Mississauga and Toronto respectively. Client: BGIS

2017 – Report Author for annual ground water monitoring and sampling programs for Husky gasoline service stations in Ontario. Client: Husky Energy Inc.

2017 – Report Author for a CSA compliant Phase I ESA to support the transfer of a portion of land from residences to Metrolinx. Client: Metrolinx

2016 - Report Author for two (2) Phase I ESAs for commercial/industrial facilities in Mississauga and Milton, the reports were written following ASTM Standard Practice E1527-13. Client: 3M Canada

2016 to 2017 – Project Scientist and data analyst for Bruce Power. Temperature data that was collected from more than fifty (50) loggers at thirty (38) stations on Bruce Peninsula were logged. The data was converted into excel and transferred into an excel workbook and analyzed for any discrepancies. Client: Bruce Power

2013 to 2014 - Project Scientist for the preparation of a register documenting all health, safety, security, and environmental regulations applicable to private facilities in Canada. Reviewed Acts and Regulations by province to assemble a register of applicable laws and regulations and identified applicable sections. Updated registers by identifying amendments to existing regulation and summarizing applicable changes. Client: Private

2014 – Project Scientist for a Phase II ESA for due diligence purpose at a vacant property for the City of Mississauga. Completed soil, ground water sampling and data analyses. Client: City of Mississauga

2014 – Project Scientist and data analyst for a Public Works project in at Toad River and Fireside in British Columbia. Phase II environmental investigation which included drilling and ground water sampling at the two sites. Client: PWGSC

2014 – Project Scientist for a Phase II Environmental investigation as per O. Reg 153/04 for Concert Properties. Completed ground water and soil sampling at the commercial property located at Etobicoke. Client: Concert Properties

2014 – Report Author for a Phase I due diligence Environmental Site Assessment for a school in Mississauga owned by Bronte Junior College. Client: Private

2014 – Project Scientist and report author for a Phase II ESA for due diligence purpose at a vacant manufacturing facility in St. Catherine's, Ontario. Coordinated ground water sampling and a drilling investigation. Client: Private

2013 – Project Scientist for the removal of an underground storage tank at a Bell facility in Etobicoke. Supervised the excavation which included monitoring and collecting soil samples from the excavated area, analyzing lab data and reporting. Duties included completing borehole logs and handing field samples. Client: Bell Canada

2013 – Project Scientist for a Phase II Environmental Investigation of soil and ground water impacts at a rail yard in Toronto, Ontario (CP Rail). The Phase II investigative work was performed to confirm the presence and the nature of petroleum hydrocarbon impacts on on-site and off-site properties. Duties included reviewing work done by previous consultants, conducting statistical analyses on historical data and producing geological cross-sections.

2012 – Project Scientist for a radiological survey program at Three (3) sites in Port Hope where low-level radioactive waste (LLRW) was identified.

2012 – Project Engineer and coordinator for trench sampling at thirty (30) retail fuel outlets in Ontario. Trench sampling was completed during piping upgrades and to delineate any petroleum hydrocarbon impacts.

2011 to 2015 – Project Engineer for annual ground water monitoring and sampling programs at sixty-two (62) retail fuel outlets in Ontario. Annual ground water monitoring is completed was being completed to meet the requirements of O. Reg. 153/04.

2011 to 2012 – Project Scientist and data analyst for a Kilmer Brownfield Management Limited. Historical Phase I and II ESA records and reports were.

Air and Noise Compliance

2017 – Project Engineer for completing National Pollutant Release Inventory (NPRI) reporting for three (3) manufacturing facilities located in Ontario and Quebec. Client: Various private clients

2015 – Project Scientist and data analyst for a manufacturing facility which was reportable under the National Pollutant Release Inventory (NPRI) reporting. Client: Cameco

2014 – Project Engineer and assistant for completing an air and noise Environmental Compliance Approval application. Duties included completing a thorough visit of the facility and understanding their manufacturing processes in detail. Gathering all the information such as chemicals used, type and number of stacks, type of HVAC equipment and their specifications, type of mixing tanks and their size. Client: Private

2011 – Ms. Pereira conducted a site visit and obtained all the information to complete an Environmental Compliance Approval (ECA) application for an emergency generator. Completed air dispersion modelling and noise assessment. Prepared and completed an Emission Summary and Dispersion modeling (ESDM) report for submission to the Ontario Ministry of the Environment and Climate Change (MOECC). Client: Metrolinx, Whitby, Ontario.

2011 – Ms. Pereira obtained all the facility information to complete an ECA for an emergency generator and verified all the emission sources from the facility. Completed air dispersion modelling and noise assessment. Determined exhaust stack pressure drop. Prepared and completed an ESDM report for submission to the MOECC. Client: St. Peters Hospital, Hamilton Ontario.

2010 – Ms. Pereira obtained all the facility information to complete an ECA for an emergency generator and verified all the emission sources from the university building. Completed air dispersion modelling. Prepared and completed an ESDM for submission to the MOECC. Client: Nipissing University, North Bay, Ontario.

2010 – Ms. Pereira obtained all the facility information to complete an ECA for an emergency generator. Completed air dispersion modelling and noise assessment. Prepared and completed an ESDM report for submission to the MOECC. Client: Kingsmere Retirement Suites, Alliston, Ontario.

2010 –Ms. Pereira obtained all the facility information to complete an ECA for and verified all the emission sources from the facility. Completed air dispersion modelling and noise assessment. Determined exhaust stack pressure drop. Prepared and completed an ESDM report for submission to the MOECC. Client: Maple Reinders Constructors- Indoor Firing Range, Ontario.

2009 –Ms. Pereira obtained all the facility information to complete an ECA for an emergency generator and verified all the emission sources from Living with Lakes University building. Completed air dispersion modelling and noise assessment. Prepared and completed an ESDM report for submission to the MOECC. Client: Living with Lakes building, Laurentian University, Ontario.

2009 –Ms. Pereira conducted a site visit and obtained Tim Hortons building information to complete an ECA for an emergency generator. Completed air dispersion modelling as per O Reg. 419/05 and noise assessment. Prepared and completed an ESDM report for submission to the MOECC. Client: Tim Hortons, Alexandria, Hawkesbury, Ontario.

2009 – Ms. Pereira conducted a site visit at this wood manufacturing facility and obtained all the facility information to complete an ECA for two paint spray booths. Completed dispersion modelling as per O.Reg 419/05. Evaluated self-contamination on-site, completed air dispersion modelling and noise assessment. Prepared and completed an ESDM report for submission to the MOECC. Client: Skillwood Products, Toronto, Ontario

2009 – Ms. Pereira conducted a site visit and obtained all the facility information to complete an ECA for a standby generator. Evaluated on-site self-contamination and completed air dispersion modelling as per O. Reg 419/05. Prepared and completed an ESDM report for submission to the MOECC. Client: Dialysis Management Clinics, Toronto, Ontario

2009 – Ms. Pereira obtained all the facility information to complete an ECA for an emergency generator and verified all the emission sources from the facility. Completed air dispersion modelling and noise assessment. Prepared and completed an ESDM report for submission to the MOECC. Client: Honda Canada, Ontario

2009 – Ms. Pereira conducted a site visit and obtained all the facility information to complete an ECA for two paint spray booths. Completed dispersion modelling as per O.Reg 419/05 and noise assessment. Evaluated self-contamination on-site and completed air dispersion modelling. Prepared and completed an ESDM report for submission to the MOECC. Client: E. Stiege Signs Limited,Ontario

2008 - 2009 Ontario Ministry of the Environment and Climate Change, Ontario. Ms. Pereira evaluated Environmental Compliance Approval (ECA) applications, reviewed engineering drawings, Emission Summary and Dispersion modeling (ESDM) reports for various municipal and industrial proponents. Ensured compliance under relevant environmental

legislation and ministry requirements for paint spray booths, stand-by generators and drafted environmental compliance approvals.

Environmental Management

2017 – Ongoing Project Engineer for the completion of a chemical inventory for Metrolinx- Willowbrook Maintenance Facility. Client: Metrolinx

2016 – Assistant engineer for the preparation of Toxic Reduction Plan for Toyota Motor Manufacturing Canada.

Modelling Experience

AERMOD, Screen 3, CADNA, CADSIM

Publications

- Wosnick, Jordan H.; Faucher, Santiago; Pereira, Lovina. Enzymatic ring-opening polymerization in a continuous-flow system. Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (2010), 51(2), 660-661.

- Bartl, B. Mihalyi, Lovina. Madtha, I. Marini: "Novel approach to fiber recycling"; EDANA`s Nonwovens Research Academy, Roubaix (Lille), France; in: "Proc.of EDANA`s Nonwovens Research Academy", (2006).

- Bartl, B. Mihalyi, Lovina. Madtha, I. Marini: "Recycled Fibers as Viscosity Modifiers"; in "Chemical Industry and Environment V Volume II", Ferdinand Berger & Söhne GmbH, (2006).

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