



**Final Report
Phase One Environmental Site
Assessment**

358 Reynolds Street
Oakville ON L6J 3L9

August 10, 2021

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1.0 EXECUTIVE SUMMARY

Stantec Consulting Ltd. (Stantec) was retained by Transmetro Limited (Transmetro) to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 358 Reynolds Street (Phase One Property) in Oakville, Ontario.

The Phase One ESA was completed to determine if Areas of Potential Environmental Concern (APECs) exist at the Phase One Property, which may be present as a result of current and/or past potentially contaminating activities (PCAs) on the Phase One Property or nearby properties within 250 m of the perimeter of the Phase One Property (Phase One Study Area). Stantec understands that the Phase One ESA is required to support the redevelopment of the Phase One Property from the current commercial land use to a residential land use, which would require the filing of a Record of Site Condition (RSC) under Ontario Regulation 153/04 (O.Reg.153/04).

A site survey is provided in **Appendix A**, while site plans showing the Phase One Study Area and Phase One Property are included in **Appendix B**.

PHASE ONE PROPERTY INFORMATION

At the time of the site visit, a vacant three-storey former Medical Arts building and its associated asphalt parking lot occupied the Phase One Property.

Based on information provided during the interview, and as confirmed in previous reports provided by Transmetro, the building on the Phase One Property was built in 1955 (RSA, 2014) and the first use was residential apartments. An addition to the rear of the building in 1965 included the installation of an elevator. The building was converted to a medical office in the late 1970s. In 2012, a 4,500 litre heating oil underground storage tank (UST) was removed. The UST was reported to be in poor condition and resulted in heating oil leaking from the UST and contaminating surrounding soil. As a result, a total of approximately 170.31 tonnes of contaminated soils from the initial remedial excavation were removed at that time. The presence of a former UST and knowledge of soil contamination represents a PCA which has contributed to an APEC at the Phase One Property (**APEC-1**).

Fill materials were previously imported to the Site to backfill the remedial excavation for the former UST. Chemical analysis results for this fill material were not available for review during the Phase One ESA. The presence of fill of an unknown environmental quality represents a PCA which has contributed to an APEC at the Phase One Property (**APEC-2**).

The paved parking areas of the Phase One Property have had deicing compounds applied in the past for the safety of vehicular and pedestrian traffic under conditions of snow or ice or both. Based on the presence of these deicing compounds, this area of the Phase One Property is considered to be an APEC (**APEC-4**).



PHASE ONE STUDY AREA

Two 10,000-gallon fuel oil USTs were identified northeast of the Phase One Property across Reynolds Street on the Oakville-Trafalgar Memorial Hospital property. The historical presence of USTs upgradient of the Phase One Property represents a PCA with the potential to contribute to APEC at the Phase One Property (**APEC-3**).

CONCLUSIONS AND RECOMMENDATIONS

The Phase One ESA has revealed PCAs at the Phase One Property and within the Phase One Study Area that have contributed to APECs at the Site. The table below and **Figure No. 3** summarize the identified APECs and related PCAs:

Area of Potential Environmental Concern (APEC)	Location of APEC	Potentially Contaminating Activity (PCA)	Location of PCA	Contaminants of Potential Concern ¹	Media Potentially Impacted
1	Immediately Southwest of Phase One Building	Gasoline and Associated Product Storage in Fixed Tanks (PCA #28)	On-Site	<ul style="list-style-type: none"> • PHCs • BTEX 	Soil Ground Water
2	Area South of the Building on the Phase One Property	Importation of Fill Material of Unknown Quality (PCA #30)	On-Site	<ul style="list-style-type: none"> • PHCs • BTEX • PAHs • Metals • As, Sb, Se • Hg • Cr(VI) • B-HWS • EC • SAR • CN- 	Soil Ground Water
3	Northern Boundary of the Phase One Property	Gasoline and Associated Product Storage in Fixed Tanks (PCA #28)	Off-Site	<ul style="list-style-type: none"> • PHCs • BTEX 	Soil Ground Water
4 ²	Parking area of the Phase Two Property	Not Applicable (application of salt/deicing compounds in parking lot) ²	On-Site	<ul style="list-style-type: none"> • EC • SAR • Sodium • Chloride 	Soil Ground Water

Note(s):

¹ Contaminants include petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene, and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs), various metals listed above, boron – hot water soluble (B-HWS), electrical conductivity (EC), sodium absorption ratio (SAR), and free cyanide (CN-).

² As per paragraph 1 of section 49.1 of Ontario Regulation 153/04, further assessment of this APEC for the above-noted contaminants of potential concern is not considered warranted during a Phase Two ESA due to the application of salt/deicing compounds to the parking surfaces at the Phase One Property for the safety of vehicular and pedestrian traffic under conditions of snow or ice or both.



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Based on the Phase One ESA, it is our opinion that a Phase Two ESA is required to investigate the above-mentioned APECs for the Phase One Property.

The statements made in this Executive Summary are subject to the project conditions described in the Closure (Section 8.4) and are to be read in conjunction with the remainder of this report.



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Introduction
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2.0 INTRODUCTION

2.1 PHASE ONE PROPERTY INFORMATION

Stantec Consulting Ltd. (Stantec) was retained by Transmetro Limited (Transmetro) to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 358 Reynolds Street (Phase One Property) in Oakville, Ontario.

The Phase One ESA was completed to determine if Areas of Potential Environmental Concern (APECs) exist at the Phase One Property, which may be present as a result of current and/or past potentially contaminating activities (PCAs) on the Phase One Property or nearby properties within 250 m of the perimeter of the Phase One Property (Phase One Study Area). Stantec understands that the Phase One ESA is required to support the redevelopment of the Phase One Property from the current commercial land use to a residential land use, which would require the filing of a Record of Site Condition (RSC) under Ontario Regulation 153/04 (O.Reg.153/04).

A site survey is provided in **Appendix A**, while site plans showing the Phase One Study Area and Phase One Property are included in **Appendix B**.

2.2 CONTACT INFORMATION

The Phase One Property is owned by Transmetro Limited. Access to the Phase One Property was granted by Mr. Tom Flood, President of Transmetro. Contact details for Mr. Flood are provided in the table below:

Table 1: Contact Information

Name	Position	Company	Address
Tom Flood	President	Transmetro Limited	1240 Bay Street, Suite 306, Toronto, ON

Stantec interviewed the following individuals during the site visit. Stantec was accompanied by Mr. Keith Lihou, the property manager, during the site visit.



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Scope of Investigation
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3.0 SCOPE OF INVESTIGATION

3.1 SCOPE OF WORK

The Phase One ESA was completed to determine if APECs exist at the Phase One Property, which may be present as a result of current and/or past PCAs on the Phase One Property or nearby properties within 250 m of the perimeter of the Phase One Property (Phase One Study Area). Stantec understands the filing of a RSC under O.Reg.153/04 will be required. The objectives of the Phase One ESA included the following:

- To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property.
- To assess the need for a Phase Two ESA.
- To provide a basis for carrying out a Phase Two ESA, if necessary.
- To provide adequate preliminary information about environmental conditions in the land or water on, in or under the Phase One Property to conduct a risk assessment following completion of a Phase Two ESA, if necessary.

The Phase One ESA is intended to reduce, but not necessarily eliminate, uncertainty regarding the potential for contamination at a property. The Phase One ESA carried out by Stantec on this property generally satisfies the requirements of O.Reg.153/04 and consisted of the following:

- A review of records that included, but was not limited to, the following where available:
 - Review of publicly available aerial photographs, city directories, fire insurance plans (FIPs), geological and topographic maps
 - A land title search back to crown ownership for the Phase One Property
 - Purchase of an ERIS report consisting of a search of available databases within the Phase One Study Area
 - Request to the Ontario Ministry of the Environment, Conservation and Parks (MECP) for documents related to various environmental concerns (e.g., spills, incident reports, etc.) pertaining to the Phase One Property
 - Request to the Technical Standards and Safety Authority (TSSA) for available tank records for the Phase One Property
 - Request to Opta Information Intelligence (Opta) for fire insurance plans and/or property underwriters' reports/plans available for the Phase One Property
 - Company records and previous reports provided by Transmetro
 - Other available environmental databases and records, as applicable
- An interview with an individual having knowledge of the Phase One Property.



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- A site reconnaissance to identify PCAs associated with:
 - Current on-site operations
 - Waste generation
 - Fuel, chemical and waste storage
 - Exterior conditions including surface features, fill material and wells
 - Off-site activities and operations
- Evaluation of information from records reviewed, interviews and site reconnaissance.
- Preparation of a Phase One ESA report.

A Phase One ESA does not include sampling or testing of air, soil, ground water, surface water or building materials. This assessment did not include a review or audit of compliance with any environmental legislation applicable to the Phase One Property, or of any environmental management systems which may exist for the Phase One Property.

A site reconnaissance was conducted at the Phase One Property by Mr. Aseel Kaiser of Stantec on December 23, 2019. The Phase One Property and readily visible and publicly accessible portions of nearby properties within the Phase One Study Area were observed for PCAs. The former medical arts building was accessed. Stantec was accompanied by Mr. Lihou of Transmetro during the site visit. An interview was carried out with Mr. Lihou (as described in Section 5.0), during the site reconnaissance to obtain or confirm information on the current and former operations at the Phase One Property. Pertinent details obtained from the interview are included in the applicable sections of this report.

3.2 REGULATORY FRAMEWORK

In Ontario, the roles and powers of the MECP when dealing with contaminated sites are outlined primarily in the *Environmental Protection Act* (R.S.O. 1990). The MECP has a mandate to address conditions where there is an adverse effect, or the likelihood of an adverse effect, associated with the presence or discharge of a contaminant. Ontario Regulation (O.Reg.) 153/04 provides roles and responsibilities for property owners and consultants to use when assessing the environmental condition of a property when determining whether restoration is required and in determining the kind of restoration needed to allow continued use or reuse of a property. The regulation includes generic numerical standards for soil and groundwater quality for specific land and groundwater uses. A Phase One ESA is an initial step in the site assessment process, which may lead to the requirement for restoration work if areas of potential environmental contamination are identified. During a Phase One ESA, samples are not collected; however, if there are previous soil or groundwater sample results available, the results are compared to applicable Ontario site condition standards.



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4.0 RECORDS REVIEW

4.1 GENERAL

4.1.1 Phase One Study Area Determination

The Phase One Study Area included the Phase One Property, properties immediately adjoining the Phase One Property, and neighbouring properties located wholly or partially within 250 m from the nearest point on the boundary of the Phase One Property. No properties located farther than 250 m from the Phase One Property were identified as PCAs that may contribute to an APEC at the Phase One Property.

4.1.2 First Developed Use Determination

The first developed use of the Phase One Property was determined through a review of the following historical sources and additional resources as listed in **Table 9** at the end of this report:

- Aerial photographs taken in 1934, 1954, 1960, 1968, 1974, and 1988
- Town of Oakville imagery from 1995 to 2015 (not inclusive)
- Google Earth imagery from 2017 and 2018
- City directories from 1958 to 2000

In addition, a chain of title for the Phase One Property was received (see copy provided in **Appendix E**).

At the time of the site visit, a vacant three-storey former Medical Arts building and its associated asphalt parking lot occupied the Phase One Property.

Based on information provided during the interview, and as confirmed in previous reports provided by Transmetro, the building on the Phase One Property was built in 1955 (RSA, 2014) and the first use was residential apartments. An addition to the rear of the building in 1965 included the installation of an elevator. According to aerial imagery, the current building configuration remains the same as was noted in the 1968 aerial photograph. The building was converted to a medical office in the late 1970s. The building was again renovated in 2014 before closing its doors to the public in 2017. The first developed use of the Phase One Property was determined to be as a residential apartment building in 1955.

A Service Ontario Parcel Register document received for the Phase One Property indicated the following registry information:

PIN	Description	Address
248080010	PT PPK 0, PL 1, as in 613469 Town of Oakville	358 Reynolds Street, Oakville, Ontario



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4.1.3 Fire Insurance Plans

FIPs pertaining to the Phase One Property and Phase One Study Area were requested from Opta. Opta provided FIPs dated 1913, 1932, and 1967, excerpts of which are provided in **Appendix E**. PCAs associated with historical off-site activities are shown on **Figure No.2** and PCAs and relevant site features associated with historical on-site activities are shown on **Figure No.3**.

1913 FIP

The available 1913 FIP did not cover the Phase One Property, instead it covered the area south, west, and southwest of the Phase One Property. Of note, were scattered logs and buildings assumed to be associated with the Oakville Basket Company operations located south of Dundas Street along Sixteen Mile Creek.

1932 FIP

The available 1932 FIP covered the Phase One Property and Phase One Study Area. The Phase One Property was vacant in 1932. No PCAs that would represent an APEC on the Phase One Property were identified within the Phase One Study Area.

1967 FIP

The available 1967 FIP covered the Phase One Property and the northeast portion of the Phase One Study Area that encompassed the Oakville-Trafalgar Memorial Hospital and the Church property, west of the Phase One Property, at the corner of Reynolds Street and Spruce Street.

The current configuration of the medical arts building on the Phase One Property is present in the 1967 FIP.

Two 10,000-gallon fuel oil USTs were identified immediately northeast of the Phase One Property across Reynolds Street on the Oakville-Trafalgar Memorial Hospital property. The historical presence of USTs upgradient of the Phase One Property represents a PCA with the potential to contribute to an APEC at the Phase One Property (**APEC-3**).

The results of the Opta search are included in **Appendix E**.

4.1.4 Chain of Title

A chain of title from July 1856 to present day for the Phase One Property was received and used to compile the First Developed Use Determination in Section 4.1.2 above. A copy of the chain of title is included in **Appendix E**.



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4.1.5 Environmental Reports

The following environmental reports were provided to Stantec for review.

“Environmental Inspection and Testing Services, Oakville Medical Arts Building, 358 Reynolds Street, Oakville, Ontario”, prepared by AiMS Environmental for Dr. Ross Prince of 589027 Ontario Inc. March 2, 2013.

AiMS Environmental provided a factual report documenting the removal of an UST and the remediation of petroleum hydrocarbon (PHC) impacted soils and groundwater at the Phase One Property. AiMS Environmental previously completed a Phase I ESA in September 2012, during which they observed a vent pipe associated with a heating oil UST, entering the ground along the west building wall. As a result, AiMS Environmental completed a Phase II ESA in October 2012. Five exterior boreholes were drilled across the Phase One Property, ranging in depths from 3.8 metres to 4.6 metres below ground surface (m BGS). Two of these boreholes were completed as monitoring wells. Soil samples were analyzed for PHCs, polycyclic aromatic hydrocarbons (PAHs), heavy metals, and volatile organic compounds (VOCs) and compared to the Ontario 2011 Table 3 site condition standards (SCS). Concentrations of analyzed parameters in the soil samples were less than the applicable standard with the exception of one soil sample from BH5 which had PHC F1 to F3 and PAH exceedances. PHC odours and a sheen were noted on the surface of groundwater purged from monitoring well MW4.

The 4,500 litre (L) (1,000-gallon) heating oil UST was removed on December 12 and 13, 2012, by Val Environmental Inc., according to the TSSA protocol. A total of 3,800 L of residential heating oil and water was removed from the UST. During an inspection of the UST, surficial corrosion and small cracks were observed. A total of 170.31 tonnes of contaminated soils from the initial excavation were shipped off-site for disposal. Twenty-six soil samples were collected from the initial excavation, one of which (depth of 3 m BGS) had a concentration of PHC F2 that exceeded the applicable criteria. AiMS Environmental returned to the Phase One Property on December 18, 2012 to widen the excavation to remove the soil with the identified exceedance. Once all identified soil contamination was removed off-site, the remediation focus became the contaminated groundwater at MW4. Two ground water samples were collected from MW4 in January 2013 and both had concentrations of PHCs that exceeded the applicable standard. As a result, approximately 4,000 L was purged from this well prior to collecting a third sample in February 2013. This sample had PHC concentrations less than the Table 3 standard. Quarterly monitoring, purging, and sampling of MW4 was recommended.

“Phase I Environmental Site Evaluation, 358 Reynolds Street, Oakville, ON”, prepared by Bruce A. Brown Associates Limited for Mr. John Creco and Mr. Claudio Posocco of 2235209 Ontario Inc. December 3, 2013.

Bruce A. Brown Associates Limited completed a CSA Phase I ESA for 358 Reynolds Street, Oakville, Ontario (the Phase One Property). At the time the Phase One was completed, this property was occupied by a single three-storey building with medical offices and associated laboratory and pharmacy. The first developed land use was reported to be in 1954 as a commercial property.



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The removal of the former UST was discussed and the potential for shallow fill and other materials in the parking lot area was identified. A Phase II was not recommended unless the site was to be redeveloped.

“Environmental Condition of 358 Reynolds Street, Oakville, Ontario”, prepared by Maat Environmental Engineering Corporation for TransMetro Limited. June 27, 2017 (note: July 17, 2017 date also used in footer of report).

This document summarizes the soil and groundwater sampling protocols used at the Phase One Property. No sample analytical results were provided. No date was provided to reference when the soil sampling at the site occurred; groundwater sampling was reportedly completed on June 7, 2017.

“Environmental Condition of 358 Reynolds Street, Oakville, Ontario”, prepared by Maat Environmental Engineering Corporation for Trontar Ltd. July 31, 2017.

This document provides the results of a soil sampling program completed on July 25, 2017. During this program, two soil samples (TP-1 and TP-2) were recovered from the Phase One Property in an effort to further define the area of contamination at the Site. Both soil samples were recovered approximately 1.5 m BGS and were located directly east of MW-5 within the basement of the building. Analytical results indicated no detections of PHC parameters. Thus, Maat Environmental stated “it is believed that the soil impact does not extend further to the east of MW5. It could not be confirmed that the groundwater was free of contamination in the area of the test pits.”

“Remediation Proposal, 358 Reynolds Street, Oakville, Ontario”, prepared by Maat Environmental Engineering Corporation for Steven Yan. September 11, 2017.

This document summarizes investigative work completed at the Phase One Property between June 7 and August 22, 2017. The work included the following activities:

- Sampling of previously installed monitoring wells MW3 and MW5. Samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), PHC F1 to F4, and PAHs. PHC F2 and F3 exceedances of Table 3 standards were identified at MW5.
- As a result of exceedances in groundwater at MW5, four additional boreholes (BH1 to BH4), three of which (BH1, BH2, and BH4) were completed as monitoring wells, were advanced at the Phase One Property. None of the soil and groundwater samples recovered from BH1 to BH4 had concentrations of analyzed parameters greater than the Table 3 standards.
- Two additional samples were collected beneath the floor slab (1.5 m BGS) in the furnace room of the Phase One Property. These samples were identified as TP-1 and TP-2. Analytical results confirmed no detections of PHC F2 to F4 in these two soil samples.
- On August 23, 2017, an attempt was made to remove contaminated soils adjacent to the footing of the southwest corner of the Phase One building. However, the foundation wall was observed to be in poor condition thus it was not safe to excavate the area immediately adjacent to the



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foundation. Monitoring well MW-5 was removed and two soils samples (S1 and S2) were obtained from beneath the foundation wall at 1.8 m BGS. An additional sample (S3) was obtained from 2.75 m BGS from a test pit advanced southwest of MW-5. Concentrations of PHCs in the submitted soil samples from S1 to S3 were less than the applicable standards.

No other previous environmental or geotechnical reports completed at the Phase One Property were provided to Stantec for review.

4.2 ENVIRONMENTAL SOURCE INFORMATION

Available environmental databases and records were searched to determine if the Phase One Property and nearby lands within the Phase One Study Area were listed. The databases and search results are presented in the following subsections.

4.2.1 City Directories

Ecolog ERIS searched the Polk's Halton/Peel Regions, Ontario Criss-Cross Directory for the Site and select surrounding and adjacent properties for numerous years between 1958 and 2000. Information provided in the city directories indicated that various agencies including dispensary, dental and doctors' offices, pharmacy, residential, supply center, and laboratory services were listed at the site address between 1965 and 2000. No on-site PCAs that would contribute to an APEC for the Phase One Property were identified. The results of the city directory search are included in **Appendix E**.

Surrounding properties are discussed in Section 5.3.

4.2.2 Property Underwriters' Reports and Plans

No property underwriter reports or plans for the Phase One Property were provided by Opta.

4.2.3 National Pollutant Release Inventory (NPRI)

Included in the ERIS report was a search of the National Pollutant Release Inventory database for properties within the Phase One Study Area. No properties within the Phase One Study Area were listed in the NPRI database.

4.2.4 PCB Storage Sites and Inventory Databases

Included in the ERIS report was a search of the National PCB Inventory and the Ontario Inventory of PCB Storage Sites databases for properties within the Phase One Study Area. The Phase One Property was not listed in these databases. One property (327 Reynolds Street) within the Phase One Study Area was listed on the National PCB Inventory database as well as the Ontario Inventory of PCB Storage Sites between 1991 and 2004. This entry is not expected to represent a PCA that would contribute to an APEC for the Phase One Property.



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Surrounding properties are discussed further in Section 5.3.

4.2.5 Certificate of Approval / Environmental Compliance Approval

Included in the ERIS report was a search of the Certificates of Approval (CofA) and Environmental Compliance Approval (ECA) databases for properties within the Phase One Study Area. No CofAs were identified for the Phase One Property.

The Oakville-Trafalgar Memorial Hospital (327 Reynolds Street) was listed as being approved in 1993, 1996, and 1998 for an industrial air CofA for ethylene oxide (ETO) catalytic disposer and area exhaust, ETO sterilizer, and existing boiler and emergency generator. No additional information was provided.

Additionally, the Town of Oakville was approved for a municipal sewage CofA in 1988. These entries are not expected to represent a PCA that would contribute to an APEC for the Phase One Property.

4.2.6 MECP Freedom of Information Requests

A request submitted to the MECP's Freedom of Information and Protection of Privacy Office included a search for occurrence reports and general information from the District Office, investigation documents from the Investigations and Enforcement Branch, waste generator information from the Environmental Monitoring and Reporting Branch, Certificates of Approval from the Environmental Assessment and Approvals Branch, and orders from the Sector Compliance Branch pertaining to the municipal address of the Site and current/former tenants and owners of the Site.

The documentation provided from the MECP included an incident report dated December 12, 2012. The incident report details the discovery of a UST leak. Various Hazardous Waste Information Network (HWIN) registrations that included waste classes 312-P (pathological), 251-L (oil skimmings and sludges), 252-L (waste oils), and 221-L (light fuels) were provided. The final piece of information was a letter from the Ministry of the Environment dated April 9, 1990, acknowledging the waste registration of spent xylene and methanol solvents (211-H and 212-H). This waste generator information is attributed to elevator servicing (oils) and medical offices at the Site. The information received from the MECP is consistent with other information available for the Phase One ESA and did not result in changes to the findings and conclusions of this report.

A copy of the response from the MECP is provided in **Appendix E**.

4.2.7 Coal Gasification Plant Waste Sites

Stantec reviewed the report titled *Inventory of Coal Gasification Plant Waste Sites in Ontario, (Volumes I and II)*, dated April 1987, prepared by Intera Technologies Ltd. for the Ontario Ministry of the Environment (now MOECC). The documents include an inventory of known coal gasification plants historically operating in Ontario. No properties within 1 km of the Phase One Property were listed as former coal gasification plants.



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4.2.8 Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars

Stantec reviewed the report titled Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, (Volumes I and II), dated November 1988, prepared by Intera Technologies Ltd. for the MOECC. The documents identify industrial sites that produced and/or continue to produce or use coal tar and other related tars. No properties within 1 km of the Phase One Property were listed as industrial sites producing or using coal tar.

4.2.9 Hazardous Waste Generators and Receivers

Included in the ERIS report was a search of the Ontario Regulation 347 Waste Generators and the Ontario Regulation 347 Waste Receivers databases for properties within the Phase One Study Area.

In 2015, Direct Elevator Service Ltd. was registered at the Phase One Property for generation of waste oils and lubricants and oil skimmings and sludges associated with the operation of an elevator. In addition, the Phase One Property was registered as a waste generator of light fuels, pathological wastes, aromatic and aliphatic solvents between 1989 and 2018. Based on the listed waste classes, this waste generation appeared to be associated with offices of health practitioners including medical and diagnostic laboratories. Former waste generation at the Phase One Property was assumed to be minimal and is not considered a PCA contributing to an APEC on the Phase One Property.

Surrounding properties are discussed in Section 5.3.

4.2.10 Technical Standards and Safety Authority (TSSA)

A request was made to the TSSA for a search of their files regarding tank installations, fueling facilities, outstanding instructions, incident reports, fuel oil spills and/or contamination records for the Phase One Property.

A reply dated January 7, 2020 was received from the TSSA and included a copy of the AiMS Environmental 2013 Environmental Inspection and Testing Services report documenting the removal of the former UST, as well as the April 2013 TSSA inspection report and May 2013 TSSA response. The files provided by the TSSA did not provide any new information associated with APEC-1. The TSSA response is provided in **Appendix E**.

4.2.11 Environmental Registry

Included in the ERIS report was a search of the Environmental Registry database for properties within the Phase One Study Area. No properties within the Phase One Study Area were listed in the database.

4.2.12 Records of Site Condition (RSC)

Included in the ERIS report was a search of the Record of Site Condition database for properties within the Phase One Study Area. No properties within the Phase One Study Area were listed in the database.



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4.2.13 Areas of Natural Significance (ANSI)

Stantec completed an Environmentally Sensitive Areas search to determine if any Areas of Natural Significance, as defined in O.Reg.153/04, are present within the Phase One Study Area. The search included the review of information provided by the Ontario Ministry of Natural Resources (MNR). The ANSI map provided by MNR, dated March 2017, indicated that the Phase One Property is not considered to be located within an Area of Natural Significance.

4.2.14 Waste Disposal Sites

Stantec reviewed the information contained in the MECP document titled *Waste Disposal Site Inventory*, dated June 1991. The report includes a list of known active and closed waste disposal sites in Ontario, as of October 31, 1990. Based on the information reviewed, no properties within 1 km of the Phase One Property were listed as active or closed landfill sites.

In addition, included in the ERIS report was a search of the *Waste Disposal Sites* and *Anderson's Waste Disposal Sites* databases for properties within the Phase One Study Area. No properties within the Phase One Study Area were listed in the database.

4.2.15 ERIS Report

An ERIS report was obtained as part of the Phase One ESA. The report consisted of a search of available databases (including unplottable records) within a 250 m radius of the perimeter of the Phase One Property. Records of environmental significance within the Phase One Study Area, which are not discussed elsewhere in this report, are summarized in the table below:

Table 2: ERIS Report

Location	Summary
Phase One Property	<ul style="list-style-type: none">Three water wells were reportedly installed on the Phase One Property in 2017. This is consistent with a historical report by Maat Environmental which identifies these three wells as BH1, BH2, and BH4. The wells are not considered PCAs contributing to an APEC at the Phase One Property.A fuel oil leak was reported during the December 12, 2012 UST removal program. Historical reports confirm this tank was in poor condition resulting in a leak of fuel oil. Contaminated soil and groundwater have been identified as a result. Thus, the fuel oil leak represents a PCA contributing to an APEC at the Phase One Property (APEC-1).
384 Reynolds Street (70 m northwest of the Phase One Property)	<ul style="list-style-type: none">A & T Custom Mirrors was listed on the manufactures database in 1986 for the manufacturing of wood household furniture, except upholster and glass products made of purchased glass. Due to the nature of manufacturing occurring at 384 Reynolds Street, it is not considered a PCA likely to contribute to an APEC at the Phase One Property.



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Location	Summary
344 Reynolds Street (20 m southeast of the Phase One Property)	<ul style="list-style-type: none"> A TSSA Historic Incident occurred at 344 Reynolds Street when an incident or near miss occurrence involving a gaseous fuel occurred. No date was provided. An incident with a gaseous fuel is not considered a PCA contributing to an APEC at the Phase One Property.
327 Reynolds Street (15 m north of the Phase One Property)	<ul style="list-style-type: none"> The Oakville–Trafalgar Memorial Hospital was listed on the National PCB Inventory database as well as the Ontario Inventory of PCB Storage Sites between 1991 and 2004. 327 Reynolds Street was listed to have capacitors, bulk liquid, and transformers with high level PCBs and drums of ballasts and drums of other material with both high and low-level PCBs. As PCBs are generally localized and do not migrate easily, the historical presence of PCB material and a PCB storage facility was considered a PCA not contributing to an APEC at the Phase One Property. The Oakville–Trafalgar Memorial Hospital was listed as a waste generator of alkaline solutions, inorganic sludges, slurries, or solids, aliphatic solvents and residues, light fuels, PCBs, petroleum-based waste oils and sludges, waste crankcase oils and lubricants, halogenated solvents, waste compressed gases, organic and inorganic laboratory chemicals, alkaline wastes, pathological wastes, paint/pigment/coating residues, acid waste, organic acids, aromatic solvents, and pharmaceuticals. The wastes generated are associated with the operation of a hospital and ambulatory health care services, however the areas of this property where wastes could be stored or processed is further east and away from the Phase One Property. Thus the historical waste generation is not considered a PCA contributing to an APEC at the Phase One Property.
291 Reynolds Street (180 m southeast of the Phase One Property)	<ul style="list-style-type: none"> The Halton Board of Education was listed as a waste generator of inorganic and organic laboratory chemicals, aromatic solvents, petroleum distillates, oil skimmings and sludges, waste oils and lubricants. The nature of the waste generation appears to be associated with schools. Thus, the anticipated volume of waste generated is minimal and not considered to represent a PCA likely to contribute to an APEC at the Phase One Property.
271 MacDonal Road (20 m west of from the Phase One Property)	<ul style="list-style-type: none"> Two Union Gas Limited natural gas leaks occurred at 271 MacDonal Road on June 26, 2018 and April 25, 2019. Both leaks were a result of an operational error. As the leaks were to the atmosphere, they are not considered a PCA contributing to an APEC at the Phase One Property.
397 Trafalgar Road (155 m southwest of the Phase One Property)	<ul style="list-style-type: none"> A Union Gas Limited natural gas leak due to operational error occurred on October 13, 2016. 1 L of methane was estimated to be released to the atmosphere. A Union Gas Limited pipeline was struck on October 24, 2016. No other details were provided. Natural gas pipeline leaks result in methane being released to the atmosphere, which is not considered a PCA contributing to an APEC at the Phase One Property.
337 Trafalgar Road (20 m east and southeast of the Phase One Property)	<ul style="list-style-type: none"> Between 2005 and 2019, MacLachlan College was registered as a waste generator of organic and inorganic laboratory chemicals, waste compressed gases, paint/pigment/coating residues, and acid waste associated with schools and instruction. Thus, the anticipated volume of waste generated is minimal and not considered to represent a PCA likely to contribute to an APEC at the Phase One Property.



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Location	Summary
343 Allan Street (235 m northeast of the Phase One Property)	<ul style="list-style-type: none"> On May 7, 2013, a Union Gas Limited natural gas leak occurred due to a line strike. On January 16, 2014, a Union Gas Limited pipeline incident occurred when locates were not obtained prior to digging. Natural gas pipeline leaks result in methane being released to the atmosphere, which is not considered a PCA contributing to an APEC at the Phase One Property.

The remaining listings in the ERIS report are not expected to represent PCAs that would contribute to an APEC at the Phase One Property based on the nature of their operations and/or the separation distances. In addition, numerous unplotable entries were listed in the ERIS report. Although the exact location of these entries could not be determined, based on the nature of the records and/or location information provided, these records are not expected to represent PCAs that could contribute to an APEC at the Phase One Property. A copy of the ERIS is provided in **Appendix E**.

4.3 PHYSICAL SETTING SOURCES

4.3.1 Aerial Photographs

Stantec’s private aerial photograph collection was utilized to review historical aerial imagery of the Phase One Study Area. Aerial photographs taken in 1934, 1954, 1960, 1968, 1974, and 1988 were reviewed. In addition, online mapping from the Town of Oakville GIS was reviewed from 1995 to 2015 (not inclusive). Satellite images were also reviewed on Google Earth Software for the following years: 2017 and 2018. No additional aerial imagery was obtained as the time period between photos was deemed adequate. The aerial photograph from 1934 appeared to show the Phase One Property as vacant or agricultural land. The current building appeared on the Phase One Property in the 1954 and 1960 aerial photographs in its original configuration. Aerial photographs between 1968 and 2018 display the current configuration of the Phase One building and property.

4.3.2 Topography, Hydrology and Geology

4.3.2.1 Topography and Regional Drainage

The Phase One Property is generally flat with a drainage ditch observed to be located immediately west of the Phase One Property boundary along MacDonald Road.

Based on information provided in the Ontario Ministry of Natural Resources and Forestry’s online Make a Topographic Map tool, and the observed topography near the Phase One Property, the regional surface drainage (inferred groundwater flow direction) appears to be to the southwest towards Sixteen Mile Creek, located approximately 145 m southwest of the Phase One Property.



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It should also be noted that the elevation of the local groundwater table can generally mimic the local topography and may not reflect the regional trend in drainage. The local shallow groundwater flow pattern also can be influenced by subsurface structures in the vicinity, such as building foundations, weeping tiles, and utility trenches.

4.3.2.2 Hydrology and Surface Water Drainage

The exterior surface of the Phase One Property is primarily composed of asphalt parking areas and landscaped areas consisting of brick interlock, grass, and trees. Two catch basins were identified along the eastern property boundary. Stormwater is anticipated to drain either by infiltration or to catch basins.

4.3.2.3 Surficial Geology

Based on information obtained from Ontario Geological Survey Map 2556, titled *Quaternary Geology of Ontario*, southern sheet, native surficial soils near the Phase One Property reportedly consist of Halton Till, predominantly silt to silty clay, high in carbonate content and clast poor. The characteristic permeability of these soil deposits is low to medium.

A previous investigation was completed by Maat Environmental Engineering Corporation in 2017. Stantec reviewed three borehole logs (BH1 to BH3) from this investigation. Boreholes BH1 and BH2 were advanced on the Phase One Property to a maximum depth of 3.9 m BGS and 4.0 m BGS, respectively. Borehole BH3 was advanced to a maximum depth of 5.6 m BGS, encountering bedrock at 5.2 m BGS. Subsurface conditions encountered in the boreholes consisted of gravel overlying fill materials (described as silty sand) to depths ranging from 0.5 to 4.6 m BGS. Native clayey silt till was present below the fill to depths ranging from 3.8 to 5.2 m BGS.

A previous report completed by AiMS Environmental in 2013 investigated the subsurface conditions by advancing five boreholes to depths ranging from 3.8 m to 4.6 m BGS. A silty sand fill overburden was also noted during the UST removal completed in December 2012.

4.3.2.4 Bedrock Geology

Based on information obtained from Ontario Geological Survey Map 2544, titled *Bedrock Geology of Ontario*, Southern Sheet, bedrock in the area of the Phase One Property is reported to consist of shale, limestone, dolostone, and/or siltstone of the Queenston Formation. The depth to bedrock was not indicated on the map.

Previous investigations completed at the Phase One Property identified bedrock as weathered shale, at 5.2 m BGS (BH3). According to the Water Well Information System database entries reviewed in the ERIS report, shale was encountered at depths ranging from 4.5 m to 19.0 m BGS within the Phase One Study Area.



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4.3.2.5 Fill Materials

Based on a review of selected aerial photographs and topographic maps, no pits or quarries were identified at or near the Phase One Property. Previous investigations completed in various areas of the Phase One Property have identified limited fill materials, described as gravel and silty sand in some areas. Fill materials were previously imported to the Site to backfill the remedial excavation for the former UST. Chemical analysis results for this fill material were not available for review during the Phase One ESA. The presence of fill of an unknown environmental quality represents a PCA which has contributed to an APEC at the Phase One Property (**APEC-2**).

4.3.2.6 Water Bodies and Areas of Natural Significance

No water bodies are present at the Phase One Property. Sixteen Mile Creek is located approximately 145 m southwest of the Phase One Property and Lake Ontario is located approximately 1.3 kilometres southeast of the Phase One Property. Based on a review of selected aerial photographs and topographic maps, no other bodies of water or areas of natural significance were identified on or in the immediate vicinity of the Phase One Property.

4.3.3 Well Records

Included in the ERIS report was a search of the Water Well Information System database for properties within the Phase One Study Area. Relevant details related to subsurface conditions encountered in wells/boreholes completed at or near the Phase One Property were provided in Section 4.2.15 and Section 4.3.2 above.

Information included in the ERIS report indicated that no domestic potable water wells are located at the Phase One Property. The water well records for the Phase One Property are for observation wells. The water wells listed in the Phase One Study Area are not anticipated to be PCAs that would contribute to an APEC at the Phase One Property.

4.4 SITE OPERATING RECORDS

As the Phase One Property is not deemed an Enhanced Investigation Property, as defined in O.Reg.153/04, no additional operating records were required or made available for review.



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Interviews
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5.0 INTERVIEWS

An interview was conducted at the Phase One Property at the time of the site reconnaissance. The interview was carried out with Mr. Keith Lihou, property manager of Transmetro, in order to obtain information to assist in determining if an APEC exists at the Phase One Property, as well as to identify details of current/former PCAs or potential contaminant pathways on, in or under the Phase One Property. Pertinent information gathered during this interview has been included in the applicable sections of this report. Stantec was accompanied by Mr. Lihou during the site reconnaissance.



Site Reconnaissance
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6.0 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

A site reconnaissance was conducted at the Phase One Property by Mr. Aseel Kaiser of Stantec on December 23, 2019. The interview and site reconnaissance were completed between 12:30 pm and 4:30 pm, and the weather was sunny with a temperature of approximately 7°C. The Phase One Property and readily visible and publicly accessible portions of nearby properties within the Phase One Study Area were observed for PCAs.

Figures showing the Phase One Property and properties within the Phase One Study Area are included in **Appendix B**, while selected photographs of the Phase One Property are included in **Appendix C**.

6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

6.2.1 Property Information

At the time of the site visit, the Phase One Property consisted of a vacant three-storey former medical office building, asphalt parking areas, and landscaped land consisting of brick interlock, grass, and trees.

6.2.2 Property Buildings and Structures

The following table provides various construction details for the site building:

Table 3: Site Buildings

Building	Year Built (approximate)	Storeys	Basement	Floor Area (approximate)	General Construction
Medical Arts Building	1954, additions in 1965	Three	Yes, Full	1,548 m ²	Solid Brick and Concrete

No other structures were present at the Phase One Property at the time of the site reconnaissance.

6.2.3 Aboveground and Underground Storage Tanks

No chemical or fuel above ground storage tanks (ASTs) or USTs were identified or reported to be present at the Phase One Property at the time of the site reconnaissance visit. Further, no vent or fill pipes indicating the potential presence of an abandoned or decommissioned UST were observed. However, as previously described in Section 4.1.5 above, a 4500 L (1,000-gallon) heating oil UST was removed from the Phase One Property in December 2012. The UST was observed to be in poor condition which resulted in leaked fuel oil and soil contamination in the area of the southeast corner of the building. 170.31 tonnes of contaminated soils were removed from the Phase One Property in December 2012.



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Further investigations in 2017 resulted in three additional soil samples with concentrations of PHCs meeting the applicable provincial standards. However, due to the poor integrity of the building foundation in the area of sampling, further sampling beneath the footing to confirm soil conditions was abandoned. The historical presence of a UST with previous contaminated soil and groundwater in the surrounding area represents a PCA which has contributed to an APEC at the Phase One Property (**APEC-1**).

6.2.4 Underground Utilities and Services

Based on information provided by the site contact, all utility services at the Phase One Property have been terminated. Although, the Phase One Property is no longer serviced, the underground utilities remain on-site and include sanitary and storm sewers, potable water service, telecommunications lines, hydro-electrical lines, and natural gas.

6.2.5 Site Building Features

The following table summarizes general features of the site building:

Table 4: Site Building Features

Building	Heating Source	Cooling Systems	Drains/Sumps/Pits	Unidentified Substances	Staining or Corrosion
Medical Arts Building	Hot Water Boiler	Air Conditioning Window Units	Two drains in the boiler and mechanical rooms	2, 20 L containers containing unknown liquid located near the south building wall	Unknown minor staining noted surrounding radiators

At the time of the site reconnaissance the building was vacant.

There is one hydraulic elevator located inside the south side of the building. The elevator was installed during a renovation completed in 1965 and was in use until the building closed in 2017. A hydraulic cylinder of unknown volume and age was observed during the site visit. The construction details for the elevator were not provided, and the elevator sump pits were not accessed during site reconnaissance. The site contact reported that there have been no issues reported by the elevator maintenance contractor and as such, the presence of a hydraulic elevator was not considered to be a PCA which would contribute to an APEC at the Phase One Property at this time.

Some chemicals (paint, dry wall mud, and hydraulic oil) were stored in the basement of the building. Good housekeeping and spill containment measures were generally observed throughout the Site.



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6.2.6 Wells

Six existing groundwater monitoring wells were observed to be present on the Phase One Property at the time of the site reconnaissance. The observed monitoring wells are identified on **Figure No.3, Appendix B**. No other existing or abandoned wells (potable water, oil, gas, or disposal) were observed or reported to be present on the Phase One Property at the time of the site reconnaissance.

6.2.7 Sewage Works

The Phase One Property is connected to The Halton Region storm and sanitary sewer system, with two catch basins located on the Phase One Property. No septic systems were identified or reported on the Phase One Property at the time of the site reconnaissance.

6.2.8 Surface Features

At the time of the site reconnaissance, the exterior surfaces of the Site consisted of asphalt-paved parking areas and landscaped areas consisting of brick interlock, grass, and trees. A ditch was identified immediately west of the Phase One Property running along MacDonald Road. No other watercourses, pits, lagoons, or ditches were identified on the Phase One Property and no standing water was observed.

6.2.9 Current or Former Railway Lines or Spurs

No evidence of current or former railway lines or spurs were observed or reported to be present at the Phase One Property.

6.2.10 Surface Staining and Stressed Vegetation

No stained surficial materials or stressed vegetation that would represent a PCA that would be expected to contribute to an APEC at the Phase One Property were observed.

6.2.11 Imported Fill and Debris

Four stockpiles of what is assumed to be topsoil were observed north of the building. The site contact reported the topsoil to be from large planters. No further evidence of imported fill materials (e.g., berms) was observed at the Phase One Property at the time of the site reconnaissance. Minor amounts of wood and metal debris were present in the southern portion of the Site. No pits or quarries were identified at or near the Phase One Property based on a review of selected aerial photographs and topographic maps. Previous investigations completed in various areas of the Phase One Property have identified limited fill materials, described as gravel and silty sand in some areas. Fill materials were previously imported to the Site to backfill the remedial excavation for the former UST. Chemical analysis results for this fill material were not available for review during the Phase One ESA. The presence of fill of an unknown environmental quality represents a PCA which has contributed to an APEC at the Phase One Property (**APEC-2**).



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6.2.12 Enhanced Investigation Property

The Phase One Property is not considered an Enhanced Investigation Property, as defined in O.Reg.153/04.

6.3 PHASE ONE STUDY AREA

The current activities observed on nearby properties at the time of the site reconnaissance and a summary of historical information gathered through the records review are presented below:

6.3.1 North

The area north of the Phase One Property is Reynolds Street. North of Reynolds Street was observed to be under construction for the redevelopment of the Oakville-Trafalgar Memorial Hospital and recreational centre. Aerial photographs indicate that construction began between 2017 and 2018. The hospital property (327 Reynolds Street) was undeveloped land in the 1932 FIP. The property was first developed prior to 1954, as a building is displayed on the property in the 1954 aerial photograph. The 1965 city directory confirms the location of the Oakville-Trafalgar Memorial Hospital at this address. The 1967 FIP identified two 10,000-gallon oil USTs immediately northeast of the Phase One Property across Reynolds Street on the Oakville-Trafalgar Memorial Hospital property. The historical presence of USTs in the inferred upgradient direction of the Phase One Property represents a PCA that has contributed to an APEC at the Phase One Property (**APEC-3**).

In addition, the Oakville-Trafalgar Memorial Hospital was listed on the National PCB Inventory database as well as the Ontario Inventory of PCB Storage Sites between 1991 and 2004. As PCBs are generally localized and do not migrate easily, the historical presence of PCB material and a PCB storage facility was considered a PCA not contributing to an APEC at the Phase One Property. The Oakville-Trafalgar Memorial Hospital was also listed as a waste generator of alkaline solutions, inorganic sludges, slurries, or solids, aliphatic solvents and residues, light fuels, PCBs, petroleum based waste oils and sludges, waste crankcase oils and lubricants, halogenated solvents, waste compressed gases, organic and inorganic laboratory chemicals, alkaline wastes, pathological wastes, paint/pigment/coating residues, acid waste, organic acids, aromatic solvents, and pharmaceuticals. The wastes generated are associated with the operation of a hospital and ambulatory health care services, however the areas of this property where wastes could be stored or processed is further east and away from the Phase One Property. Thus, the historical waste generation is not considered a PCA contributing to an APEC at the Phase One Property.

291 Reynolds Street (northeast of the Phase One Property) was identified as the Halton Board of Education and was listed as a waste generator of inorganic and organic laboratory chemicals, aromatic solvents, petroleum distillates, oil skimmings and sludges, waste oils and lubricants. The nature of the waste generation appears to be associated with schools. Thus, the anticipated volume of waste generated is minimal and not considered to represent a PCA likely to contribute to an APEC at the Phase



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One Property. The Halton Board of Education was listed at this address on the 1989, 1984, and 1979 city directories.

This property was identified as the Oakville Trafalgar High School in the 1967 FIP and the 1965 and 1975 city directory listings. At the time of the site reconnaissance, the property use could not be identified as a construction wall surrounded the property.

At the time of the site reconnaissance, the area north of the Phase One Property and west of MacDonald Road were observed to be residential properties. These locations were first developed prior to 1932, as the 1932 FIP depicts several buildings assumed to be for residential use in this area.

6.3.2 East

The property immediately east of the Phase One Property was a residential home. At the time of the site reconnaissance, the areas east of that property appeared to be operating as MacLachlan College and residential properties beyond that. Aerial photographs indicated that the area east of the Phase One Property appeared to be vacant in the 1932 FIP but developed in the 1954 aerial photograph. Thus, the properties east of the Phase One Property, have operated as residential/community uses since first developed sometime between 1932 and 1954. This was confirmed by a city directory search. 337 Trafalgar Road was identified as MacLachlan College between 1984 and 2000 and as single and multi-residential between 1971 and 1984.

Between 2005 and 2019, MacLachlan College was registered as a waste generator of organic and inorganic laboratory chemicals, waste compressed gases, paint/pigment/coating residues, and acid waste associated with schools and instruction. Thus, the anticipated volume of waste generated is minimal and not considered to represent a PCA likely to contribute to an APEC at the Phase One Property. In addition, a TSSA Historic Incident occurred at 344 Reynolds Street (20 m east/southeast of the Phase One Property) when an incident or near miss occurrence involving a gaseous fuel occurred. Release of a gaseous fuel is not considered a PCA contributing to an APEC at the Phase One Property.

6.3.3 South

The areas south of the Site were observed to be residential at the time of the site reconnaissance. The area south of the Phase One Property appears to be developed as residential properties in the 1932 aerial photograph. Further south of the Phase One Property is Trafalgar Road. No PCAs considered to contribute to an APEC were identified south of the Phase One Property.

6.3.4 West

West of the Phase One Property across MacDonald Road were residential properties at the time of the site reconnaissance. FIPs indicated that the areas west of the Phase One Property have been residential since at least 1932.



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Two natural gas leaks reportedly occurred at 397 Trafalgar Road (155 m southwest of the Phase One Property) in 2016. Natural gas pipeline leaks result in methane being released to the atmosphere, which are not considered to represent a PCA contributing to an APEC at the Phase One Property.

384 Reynolds Street (70 m northwest of the Phase One Property), was listed the manufactures database in 1986 for the manufacturing of wood household furniture, except upholster and glass products made of purchased glass. Due to the nature of manufacturing occurring at 384 Reynolds Street, it is not considered a PCA likely to contribute to an APEC at the Phase One Property.

Two Union Gas Limited natural gas leaks occurred on at 271 MacDonald Road (20 m west of the Phase One Property) on June 26, 2018 and April 25, 2019. Both leaks were a result of an operational error. As the leaks were to the atmosphere, they are not considered a PCA contributing to an APEC at the Phase One Property.

6.4 WRITTEN DESCRIPTION OF INVESTIGATION

Section 4.0 presents the findings of the records review for the Phase One Property and Section 5.0 presents the findings of the interviews with the site contacts. Section 6.2 presents the findings of the site reconnaissance of the Phase One Property and the Phase One Study Area. No additional investigations were undertaken during the Phase One ESA to assess potential environmental concerns noted or identified during the site reconnaissance or records review. A summary of the relevant findings to the existence of APECs at the Phase One Property is provided below in Section 7.3.



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Review and Evaluation of Information
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7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES OF THE PHASE ONE PROPERTY

The current activities on the Phase One Property at the time of the site reconnaissance, and a summary of historical information gathered through the records review, are presented in the table below:

Table 5: Current and Past Uses of Phase One Property

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from aerial photographs, fire insurance plans, etc.
1856	George K. Chisholm	The land use is assumed to be agricultural or residential use.	Agricultural	This property use is inferred based on the information provided in the historical title search.
July 23, 1856 to January 21, 1871	Wallace Robinson	The land use is assumed to be agricultural or residential use.	Agricultural	This property use is inferred based on the information provided in the historical title search.
January 21, 1871 to November 24, 1902	Alexander Coote	The land use is assumed to be agricultural or residential use.	Agricultural	This property use is inferred based on the information provided in the historical title search.
November 24, 1902 to November 30, 1950	Cyrus Alexander Coote	The land use is assumed to be agricultural or residential use.	Agricultural	This property use is inferred based on the information provided in the historical title search. The 1932 FIP and 1934 aerial photograph confirms property as vacant or agricultural land.
November 30, 1950 to July 30, 1953	Mary Inez Jessie Ford	The land use is assumed to be agricultural.	Agricultural	1934 aerial photograph confirms property as vacant or agricultural land.
July 30, 1953 to July 30, 1953	Ralph Rotman	The land use is assumed to be agricultural.	Agricultural	1934 aerial photograph confirms property as vacant or agricultural land.
July 30, 1953 to August 6, 1954	James Brown, JR.	The land use is assumed to be residential.	Residential	1954 aerial photograph shows a single building.



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358 REYNOLDS STREET, OAKVILLE, ONTARIO**

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from aerial photographs, fire insurance plans, etc.
August 6, 1954 to January 31, 1985	Oakville Medical Arts Limited	Medical Offices and Pharmacy	Commercial	The current building appeared on the Phase One Property in the 1954 and 1960 aerial photographs in its original configuration. The 1967 FIP and aerial photographs between 1968 and 1974 display the current configuration of the Phase One building and property.
January 31, 1985 to November 25, 2013	589027 Ontario Inc.	Medical Offices and Pharmacy	Commercial	Aerial photographs between 1968 and 2013 display the current configuration of the Phase One building and property.
November 25, 2013 to December 21, 2017	Reynolds Holdings Ltd.	Medical Offices and Pharmacy	Commercial	Aerial photographs between 1968 and 2017 display the current configuration of the Phase One building and property.
December 21, 2017 to present	Transmetro Limited	Vacant	Commercial	Aerial photographs between 1968 and 2018 display the current configuration of the Phase One building and property.



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7.2 POTENTIALLY CONTAMINATING ACTIVITIES

As discussed in previous sections of this report, Stantec has identified PCAs that have contributed to APECs at the Phase One Property. The following table summarizes the PCAs:

Table 6: Potentially Contaminating Activities

#	PCA	Location	Description
1	Gasoline and Associated Product Storage in Fixed Tanks (PCA #28)	On-Site	A former UST located immediately southeast of the building.
2	Importation of Fill Material of Unknown Quality (PCA #30)	On-Site	Fill materials associated with the remedial excavation for the former fuel oil UST not sufficiently analyzed.
3	Gasoline and Associated Product Storage in Fixed Tanks (PCA #28)	Off-Site	Two former USTs located 15 m northeast of the Phase One Property at 327 Reynolds Street (The Oakville–Trafalgar Memorial Hospital).
4	Application of salt/deicing compounds in parking lot (PCA number not applicable)	On-Site	The on-site building is surrounded by asphalt which includes paved parking surfaces. De-icing compounds have been applied to parking surfaces for the safety of vehicular and pedestrian traffic under conditions of snow or ice or both.

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

The following environmental concerns were identified:

Table 7: Areas of Potential Environmental Concern

Area of Potential Environmental Concern (APEC)	Location of APEC	Potentially Contaminating Activity (PCA)	Location of PCA	Contaminants of Potential Concern ¹	Media Potentially Impacted
1	Immediately Southwest of Phase One Building	Gasoline and Associated Product Storage in Fixed Tanks (PCA #28)	On-Site	<ul style="list-style-type: none"> • PHCs • BTEX 	Soil Ground Water
2	Area South of the Building on the Phase One Property	Importation of Fill Material of Unknown Quality (PCA #30)	On-Site	<ul style="list-style-type: none"> • PHCs • BTEX • PAHs • Metals • As, Sb, Se • Hg • Cr(VI) • B-HWS • EC • SAR • CN- 	Soil Ground Water



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Area of Potential Environmental Concern (APEC)	Location of APEC	Potentially Contaminating Activity (PCA)	Location of PCA	Contaminants of Potential Concern ¹	Media Potentially Impacted
3	Northern Boundary of the Phase One Property	Gasoline and Associated Product Storage in Fixed Tanks (PCA #28)	Off-Site	<ul style="list-style-type: none"> • PHCs • BTEX 	Soil Ground Water
4 ²	Parking area of the Phase Two Property	Not Applicable (application of salt/deicing compounds in parking lot) ²	On-Site	<ul style="list-style-type: none"> • EC • SAR • Sodium • Chloride 	Soil Ground Water

Note(s):

¹ Contaminants include petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene, and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs), various metals listed above, boron – hot water soluble (B-HWS), electrical conductivity (EC), sodium absorption ratio (SAR), and free cyanide (CN-).

² As per paragraph 1 of section 49.1 of Ontario Regulation 153/04, further assessment of this APEC for the above-noted contaminants of potential concern is not considered warranted during a Phase Two ESA due to the application of salt/deicing compounds to the parking surfaces at the Phase One Property for the safety of vehicular and pedestrian traffic under conditions of snow or ice or both.

7.4 PHASE ONE CONCEPTUAL SITE MODEL

In developing the Conceptual Site Model for the Phase One Property and Phase One Study Area, the following physical characteristics/pathways were evaluated to assess whether PCAs have contributed to an APEC at the Phase One Property:



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Table 8: Phase One Conceptual Site Model

Physical Characteristics/Pathways	Description
Subsurface Soils	<p>Based on information obtained from Ontario Geological Survey Map 2556, titled Quaternary Geology of Ontario, southern sheet, native surficial soils near the Phase One Property reportedly consist of Halton Till, predominantly silt to silty clay, high in carbonate content and clast poor. The characteristic permeability of these soil deposits is low to medium.</p> <p>A previous investigation was completed by Maat Environmental Engineering Corporation in 2017. Stantec reviewed three borehole logs (BH1 to BH3) from this investigation. Boreholes BH1 and BH2 were advanced on the Phase One Property to a maximum depth of 3.9 m BGS and 4.0 m BGS, respectively. Borehole BH3 was advanced to a maximum depth of 5.6 m BGS, encountering bedrock at 5.2 m BGS. Subsurface conditions encountered in the boreholes consisted of gravel overlying fill materials (described as silty sand) to depths ranging from 0.5 to 4.6 m BGS. Native clayey silt till was present below the fill to depths ranging from 3.8 to 5.2 m BGS.</p> <p>A previous report completed by AiMs Environmental in 2013 investigated the subsurface conditions by advancing five boreholes to depths ranging from 3.8 m to 4.6 m BGS. A silty sand fill overburden was also noted during the UST removal completed in December 2012.</p>
Bedrock	<p>Based on information obtained from Ontario Geological Survey Map 2544, titled Bedrock Geology of Ontario, Southern Sheet, bedrock in the area of the Phase One Property is reported to consist of shale, limestone, dolostone, and/or siltstone of the Queenston Formation. The depth to bedrock was not indicated on the map.</p> <p>Previous investigations completed at the Phase One Property identified bedrock as weathered shale, at 5.2 m BGS (BH3). According to the Water Well Information System database entries reviewed in the ERIS report, shale was encountered at depths ranging from 4.5 m to 19.0 m BGS within the Phase One Study Area.</p>
Inferred Ground Water Flow Direction	<p>Based on information provided in the Ontario Ministry of Natural Resources and Forestry's online Make a Topographic Map tool, and the observed topography near the Phase One Property, the regional surface drainage (inferred groundwater flow direction) appears to be to the south/southwest towards Sixteen Mile Creek, located approximately 145 m southwest of the Phase One Property.</p>
Underground Utilities	<p>Based on information provided by the site contacts, underground utilities present at the Phase One Property include sanitary and storm sewers, potable water service, telecommunications lines, hydro-electrical lines, and natural gas. The exact locations of all underground utilities were not confirmed during the Phase One ESA. All underground utilities at the Site are no longer active. Permeable backfill materials in the immediate vicinity of these utilities can affect migration of contaminants of concern if present.</p>



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Discussion of Uncertainty or Absence of Information

The past use of the Phase One Property is well understood based on historical information sources obtained and reviewed during the Phase One ESA. The physical characteristics of the land area comprising the Site are inferred from records reviewed during the Phase One ESA. Minor variability in subsurface stratigraphy within the Phase One Property can be expected however these variations would be taken into account by the APECs already identified in this report. The presence of subsurface utilities in unconfirmed locations at the Site is not expected to contribute significant contaminant migration pathways within the Phase One Property. No other potential uncertainties or missing information were encountered during completion of the Phase One ESA.

The figures provided in **Appendix B** include features and details in relation to the Phase One Study Area and the Phase One Property. In general, the drawings illustrate the following where applicable: road names and existing buildings and structures; water bodies; location of areas of natural significance; presence of drinking water wells at the Phase One Property (if present); property usage types on adjoining properties; PCAs; APECs; locations and types of known tanks; general direction of groundwater flow in the vicinity of the Phase One Property; and, the approximate locations of underground utilities or structures, if known.



Conclusions
August 10, 2021

8.0 CONCLUSIONS

8.1 WHETHER PHASE TWO ENVIRONMENTAL SITE ASSESSMENT BEFORE RECORD OF SITE CONDITION SUBMITTED

Stantec recommends a Phase Two ESA be completed at the Site to evaluate the soil and groundwater quality in the vicinity of the above-mentioned APECs, prior to submitting a Record of Site Condition.

8.2 RECORD OF SITE CONDITION BASED ON PHASE ONE ENVIRONMENTAL SITE ASSESSMENT ALONE

It is Stantec's opinion that an RSC cannot be filed based on the findings of this Phase One ESA.

8.3 SIGNATURES

The site reconnaissance was completed by Mr. Aseel Kaiser, preparation of this report was completed by Ms. Breanne McNea, while senior technical review was conducted by Mr. Randy Sinukoff, M.A.Sc., P.Eng., QP_{ESA}. The tasks completed for the Phase One ESA were also overseen by Mr. Sinukoff. Credentials of the project team members are provided in **Appendix D**.

STANTEC CONSULTING LTD.

FOR Breanne McNea, B.A.
Environmental Scientist
Phone: 905-381-3274
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Randy Sinukoff, M.A.Sc., P.Eng., QPESA
Senior Associate
Phone: 905-415-6403
Randy.Sinukoff@stantec.com

The objectives and requirements set out in Ontario Regulation 153/04 for a Phase One Environmental Site Assessment were applied in carrying out the environmental site assessment and preparing this report.



**FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
358 REYNOLDS STREET, OAKVILLE, ONTARIO**

Conclusions
August 10, 2021

8.4 CLOSURE

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided. No other representations, warranties or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential liabilities associated with the identified property.

This report provides an evaluation of selected environmental conditions associated with the identified portion of the property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

The opinions in this report can only be relied upon as they relate to the condition of the portion of the identified property that was assessed at the time the work was conducted. Activities at the property subsequent to Stantec's assessment may have significantly altered the property's condition. Stantec cannot comment on other areas of the property that were not assessed.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report and are based solely on the scope of work described in the report, the limited data available and the results of the work. They are not a certification of the property's environmental condition. This report should not be construed as legal advice.

This report has been prepared for the exclusive use of the client identified herein, and any use by any third party is prohibited. Stantec assumes no responsibility for losses, damages, liabilities or claims, howsoever arising, from third party use of this report.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures are not guaranteed. If future work is planned, the exact location of all such utilities and structures should be confirmed and Stantec assumes no liability for damage to them.

The conclusions are based on the site conditions encountered by Stantec at the time the work was performed. Due to the nature of the investigation and the limited data available, Stantec does not warrant against undiscovered environmental liabilities. As the purpose of this report is to identify site conditions which may pose an environmental risk, the identification of non-environmental risks to structures or people on the site is beyond the scope of this assessment. Should additional information become available which differs significantly from our understanding of conditions presented in this report, Stantec specifically disclaims any responsibility to update the conclusions in this report.



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358 REYNOLDS STREET, OAKVILLE, ONTARIO**

References
August 10, 2021

9.0 REFERENCES

Information sources obtained and reviewed as part of the records review are listed below:

Table 9: References

Reference Type / Source	Information / Documents Obtained
Aerial Photographs	<ul style="list-style-type: none"> Stantec Aerial Photography Collection: 1934, 1954, 1960, 1968, 1974, and 1988 Town of Oakville Online Mapping: 1995 to 2015 (not inclusive) Google Earth: 2017 and 2018
OPTA Information Intelligence	<ul style="list-style-type: none"> Fire Insurance Plans: 1913, 1932, and 1976 COPE Report: 1989 Risk Basic Survey Report: 2014
Previous Reports	<ul style="list-style-type: none"> AiMs Environmental, Environmental Inspection and Testing Services, Oakville Medical Arts Building, 358 Reynolds Street, Oakville, Ontario, March 2, 2013. Bruce A. Brown Associates Limited, Phase I Environmental Site Evaluation 358 Reynolds Street, Oakville, ON, December 3, 2013. Maat Environmental Engineering Corporation, Environmental Condition of 358 Reynolds Street, Oakville, Ontario, June 27, 2017 (alternate date of July 17, 2017 also included in footer of report). Maat Environmental Engineering Corporation, Environmental Condition of 358 Reynolds Street, Oakville, Ontario, July 31, 2017. Maat Environmental Engineering Corporation, Remediation Proposal, 358 Reynolds Street, Oakville, Ontario, September 11, 2017.
Company Records	<ul style="list-style-type: none"> None Provided
Geotechnical Reports	<ul style="list-style-type: none"> None provided
Regulatory Infractions	<ul style="list-style-type: none"> A request submitted to the MECP through the Freedom of Information and Privacy Protection Office included a search of their records regarding charges and/or convictions of the owners or tenants, or violations of applicable environmental regulations, issued against the Phase One Property. ERIS – Compliance and Convictions ERIS – Environmental Compliance Approval (October 2011 to October 31, 2019)
Reportable Spill Occurrences	<ul style="list-style-type: none"> A request submitted to the MECP Freedom of Information and Protection of Privacy Office included a search for occurrence reports and general information from the District Office and investigation documents from the Investigations and Enforcement Branch for the Phase One Property. ERIS – Ontario Spills (1988 to June 2019) ERIS – Fuel Oil Spills and Leaks (dated February 28, 2017)
Contaminated Sites	<ul style="list-style-type: none"> “Inventory of Coal Gasification Plant Waste Sites in Ontario” (Volumes I and II), dated April 1987. “Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario” (Volumes I and II), dated November 1988. ERIS - MECP Brownfields Environmental Site Registry



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358 REYNOLDS STREET, OAKVILLE, ONTARIO**

References

August 10, 2021

Reference Type / Source	Information / Documents Obtained
Hazardous Waste Generators	<ul style="list-style-type: none"> ERIS – Ontario Regulation 347 Waste Generators Summary (1986 to July 31, 2019)
Landfills	<ul style="list-style-type: none"> "Waste Disposal Site Inventory" (June 1991) ERIS – Waste Disposal Sites ERIS – Anderson's Waste Disposal Sites
Underground and Aboveground Storage Tanks	<ul style="list-style-type: none"> A request was made to the TSSA for a search of their files regarding tank installations, fueling facilities, outstanding instructions, incident reports, fuel oil spills and/or contamination records for the Phase One Property
Water Well Records	<ul style="list-style-type: none"> ERIS – Water Well Information System (dated February 28, 2019)
EcoLog ERIS	<ul style="list-style-type: none"> An ERIS report was purchased and consisted of a search of all available databases within a 250 m radius of the perimeter of the Phase One Property.
Geologic Maps	<ul style="list-style-type: none"> Ontario Geological Survey 1991. Bedrock Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2544, Scale 1:1,000,000. Ontario Geological Survey 1991. Quarternary Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2556, Scale 1:1,000,000.
Title Search	<ul style="list-style-type: none"> Previous Owner Chain for 358 Reynolds Street, Oakville, PIN 24808-0010 (LT) – Part Lot O Plan 1, as in 613469; Town of Oakville
Survey Plans	<ul style="list-style-type: none"> Association of Ontario Land Surveyors Plan Submission Form 1893310 (KRCMAR, 2014)
GeoWarehouse	<ul style="list-style-type: none"> Property Details (accessed November 29, 2019)
Other Available Information	<ul style="list-style-type: none"> None



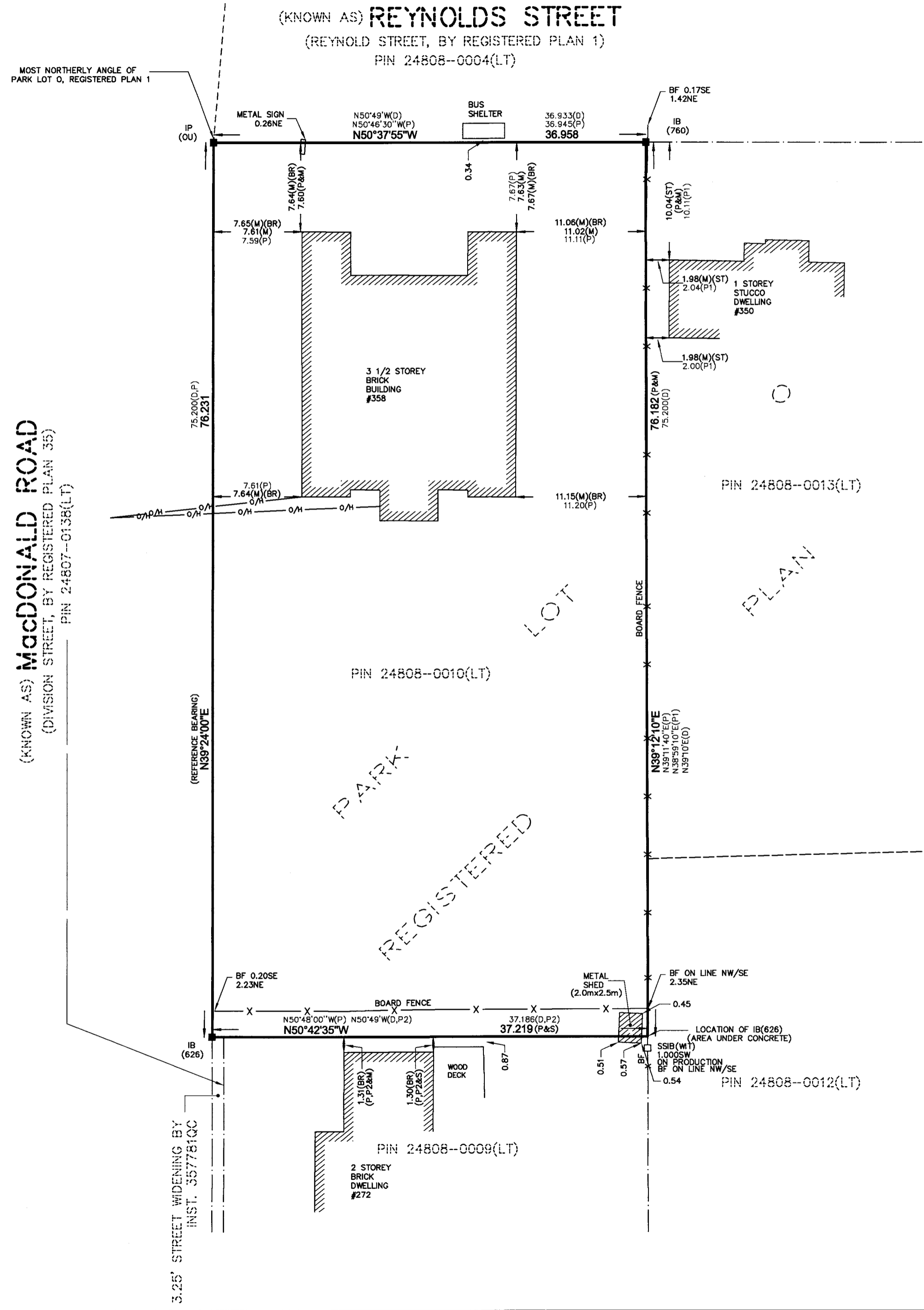
APPENDICES

**FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
358 REYNOLDS STREET, OAKVILLE, ONTARIO**

Appendix A Site Survey

Appendix A SITE SURVEY





SURVEYOR'S REAL PROPERTY REPORT
PART 1
 PLAN OF
PART OF PARK LOT 0
REGISTERED PLAN 1
TOWN OF OAKVILLE
REGIONAL MUNICIPALITY OF HALTON
 SCALE 1:300

5 0 5 10 15 20 25m
 KRCMAR SURVEYORS LTD.
 METRIC: DISTANCES SHOWN HEREON ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

BEARING
 BEARINGS SHOWN HEREON ARE ASTRONOMIC AND ARE REFERRED TO THE SOUTHEASTERLY LIMIT OF MacDONALD ROAD, AS SHOWN ON A PLAN OF SURVEY BY McCONNELL, MAUGHAN LIMITED, O.L.S. DATED NOVEMBER 15, 1984 HAVING A BEARING OF N39°24'00"E

LEGEND

- DENOTES SURVEY MONUMENT FOUND
- DENOTES SURVEY MONUMENT PLANTED
- SIB DENOTES STANDARD IRON BAR
- SSIB DENOTES SHORT STANDARD IRON BAR
- IB DENOTES IRON BAR
- IP DENOTES IRON PIPE
- (S) DENOTES SET
- (M) DENOTES MEASURED
- (P) DENOTES PLAN OF SURVEY BY McCONNELL, MAUGHAN LIMITED, O.L.S. DATED NOVEMBER 15, 1984
- (P1) DENOTES PLAN OF SURVEY BY YATES & YATES, O.L.S. DATED SEPTEMBER 7, 1982
- (P2) DENOTES PLAN OF SURVEY BY SEWELL AND SEWELL, O.L.S. DATED MARCH 31, 1969
- (WIT) DENOTES WITNESS
- (626) DENOTES H.D. SEWELL, O.L.S.
- (760) DENOTES McCONNELL, MAUGHAN LIMITED, O.L.S.
- (OU) DENOTES ORIGIN UNKNOWN
- (ST) DENOTES TIE TAKEN TO STUCCO
- (BR) DENOTES TIE TAKEN TO BRICK
- (D) DENOTES INSTRUMENT 613469
- BF DENOTES BOARD FENCE
- O/H- DENOTES OVERHEAD HYDRO SERVICE

BUILDING TIES TAKEN TO CONCRETE FOUNDATION WALLS UNLESS OTHERWISE NOTED

PART 2 - SURVEY REPORT

- THE RE-ESTABLISHMENT OF THE SUBJECT PROPERTY BOUNDARIES IS BASED ON INFORMATION CONTAINED IN THE RELEVANT TITLE DOCUMENTS, REGISTERED PLANS AND ON THE EVIDENCE OF PRIOR SURVEYS FOUND DURING THE COURSE OF PREPARING THE SUBJECT SURVEY.
- THE TYPE AND LOCATION OF THE EXISTING BUILDINGS AND OTHER IMPROVEMENTS, FENCES ETC., ON OR NEAR THE SUBJECT PROPERTY ARE AS SHOWN ON THE SURVEY PLAN.
- COMPLIANCE WITH MUNICIPAL ZONING REQUIREMENTS IS NOT CERTIFIED BY THIS REPORT.
- PLEASE NOTE THE LOCATION OF THE BOARD FENCE AND METAL SHED ALONG THE REAR PROPERTY LINE.
- METAL SIGN ENCRACHES 0.26 METRES ONTO REYNOLDS STREET.

MUNICIPAL ADDRESS
 No. 358 REYNOLDS STREET, TOWN OF OAKVILLE
 THIS REPORT WAS PREPARED FOR REYNOLDS HOLDINGS LTD. AND THE UNDERSIGNED ACCEPTS NO RESPONSIBILITY FOR USE BY OTHER PARTIES

SURVEYOR'S CERTIFICATE
 I CERTIFY THAT:
 1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.
 2. THE SURVEY WAS COMPLETED ON 15th DAY OF JANUARY, 2014
 DATE: JANUARY 16, 2014
 S.N. RAMSAMOOJ
 ONTARIO LAND SURVEYOR

ASSOCIATION OF ONTARIO
 LAND SURVEYORS
 PLAN SUBMISSION FORM
1893310

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

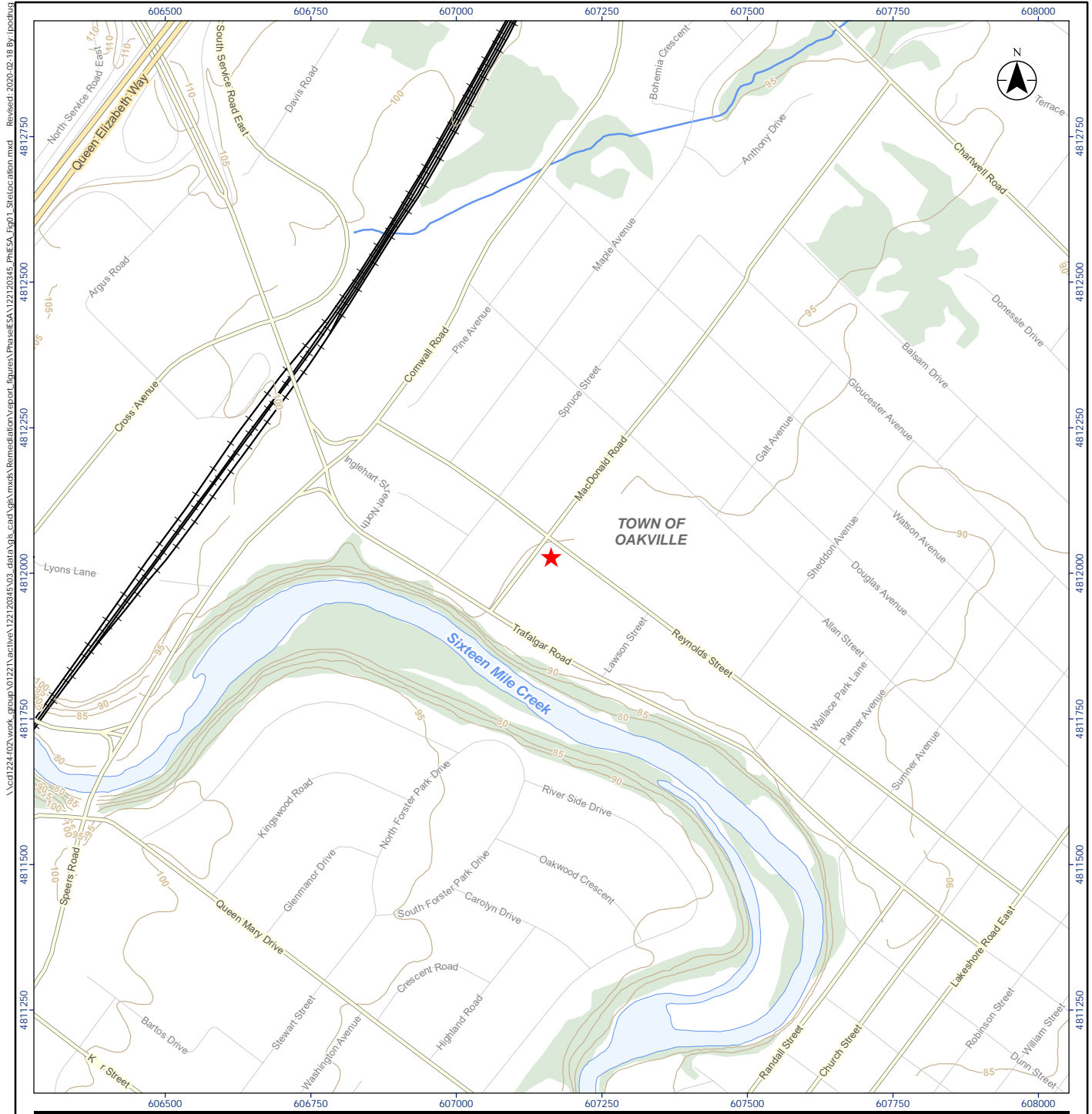
© COPYRIGHT 2014 KRCMAR SURVEYORS LTD.
 Unauthorized reproduction, distribution, alteration or use of this plan, in whole or in part, is strictly prohibited.

FIELD:	R.L.	DRAWN:	S.D.	CHECKED:	S.N.R.	JOB NO:	14-004
DWG NAME:	14-004SR01	PLOT INFO:	08:19 16/Jan/2014	WORK ORDER NO:	15672		
1137 Centre Street Thornhill ON L4J 3M6 905.738.0053 F 905.738.9221 www.krcmar.ca							

KRCMAR

Appendix B SITE PLANS

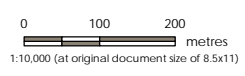




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- ★ Site Location
- Expressway / Highway
- Major Road
- Minor Road
- Topographic Contour (m AMSL)
- Railway - Operational
- Watercourse
- Waterbody
- Wooded Area



Project Location: Oakville, Ontario
 122120345 REVA
 Prepared by IP on 2/18/2020

Client/Project:
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
358 REYNOLDS STREET
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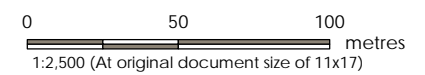
Figure No.
1
 Title
Site Location

Notes
 1. Coordinate System: NAD 1983 UTM Zone 17N
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.
 3. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.
 4. m AMSL - metres Above Mean Sea Level

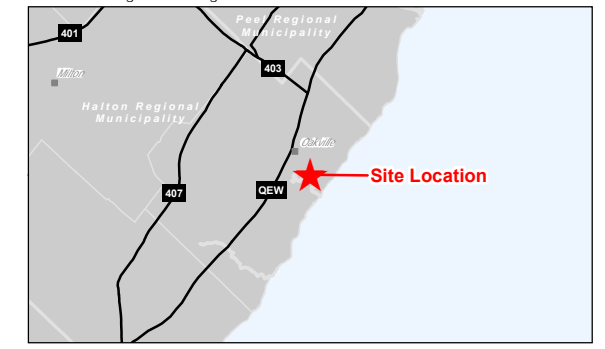


Legend

- Approximate Location of Monitoring Well (by Others)
- Approximate Location of Monitoring Well (Destroyed)
- Approximate Location of Test Pit (Maat, 2017)
- Topsoil Stockpile
- Unknown Monitoring Well
- Approximate Location of Underground Bell Line (Maat, 2017)
- Approximate Location of Underground Gas Line (Maat, 2017)
- Approximate Vent Pipe (Aims, 2013)
- Direction of Groundwater Flow
- Approximate Excavation Extents (Maat, 2017)
- Approximate Location of Two 10,000 gallon Underground Oil Tanks - FIP (1966)
- Approximate Location of Former UST
- Phase One Study Area (250m)
- Approximate Location of Property Boundary



- Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.
 3. The locations of any existing and/or former infrastructure, site features, or utilities illustrated on this drawing, if any, are shown for information purposes only. No guarantee or warranty is implied as to the accuracy of such existing and/or former features. Independent verification and confirmation must be undertaken.
 4. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.
 5. Orthoimagery: © First Base Solutions, 2018. Imagery Date, 2019.
 6. FIP - Fire Insurance Plan
 7. UST - Underground Storage Tank



Project Location: Oakville, Ontario
 122120345 REVA
 Prepared by IP on 2/18/2020

Client/Project
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 358 REYNOLDS STREET
 OAKVILLE, ONTARIO

Figure No.
 2
 Title
 Site Features and Phase One Study Area

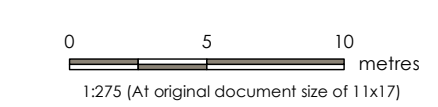
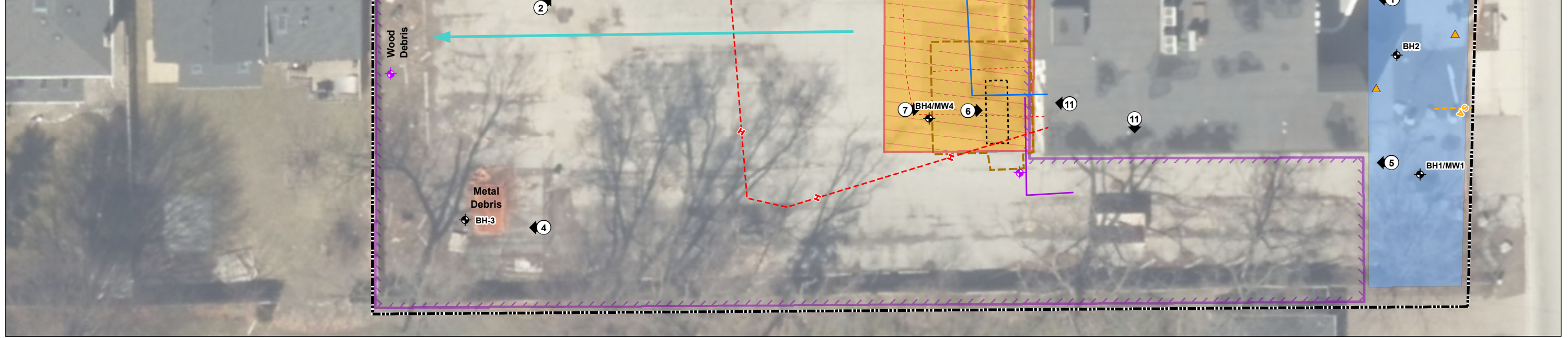
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Area of Potential Environmental Concern (APEC)	Location of APEC	Potentially Contaminating Activity (PCA)	Location of PCA	Contaminants of Potential Concern ¹	Media Potentially Impacted
1	Immediately Southwest of Phase One Building	Gasoline and Associated Product Storage in Fixed Tanks (PCA #28)	On-Site	<ul style="list-style-type: none"> • PHCs • BTEX 	<ul style="list-style-type: none"> Soil Ground Water
2	Area South of the Building on the Phase One Property	Importation of Fill Material of Unknown Quality (PCA #30)	On-Site	<ul style="list-style-type: none"> • PHCs • BTEX • PAHs • Metals • As, Sb, Se • Hg • Cr(VI) • B-HWS • EC • SAR • CN- 	<ul style="list-style-type: none"> Soil Ground Water
3	Northern Boundary of the Phase One Property	Gasoline and Associated Product Storage in Fixed Tanks (PCA #28)	Off-Site	<ul style="list-style-type: none"> • PHCs • BTEX 	<ul style="list-style-type: none"> Soil Ground Water
4 ²	Parking area of the Phase Two Property	Not Applicable (application of salt/deicing compounds in parking lot) ²	On-Site	<ul style="list-style-type: none"> • EC • SAR • Sodium • Chloride 	<ul style="list-style-type: none"> Soil Ground Water

Note(s):

¹ Contaminants include petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene, and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs), various metals listed above, boron – hot water soluble (B-HWS), electrical conductivity (EC), sodium absorption ratio (SAR), and free cyanide (CN-).

² As per paragraph 1 of section 49.1 of Ontario Regulation 153/04, further assessment of this APEC for the above-noted contaminants of potential concern is not considered warranted during a Phase Two ESA due to the application of salt/deicing compounds to the parking surfaces at the Phase One Property for the safety of vehicular and pedestrian traffic under conditions of snow or ice or both.



Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2018. Imagery Date, 2019.
4. The locations of any existing and/or former infrastructure, site features, or utilities illustrated on this drawing, if any, are shown for information purposes only. No guarantee or warranty is implied as to the accuracy of such existing and/or former features. Independent verification and confirmation must be undertaken.
5. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.
6. APEC - Area of Potential Environmental Concern
7. FIP - Fire Insurance Plan
8. UST - Underground Storage Tank

- Legend**
- ◆ Approximate Location of Monitoring Well (by Others)
 - ▲ Topsoil Stockpile
 - ◆ Unknown Monitoring Well
 - Approximate Location of Underground Bell Line (Maat, 2017)
 - - - Approximate Location of Underground Gas Line (Maat, 2017)
 - Approximate Location of Historical Vent Pipe (Aims, 2013)
 - H- - - Approximate Location of Hydro
 - SA- - - Approximate Location of Waste Water
 - WA- - - Approximate Location of Water Line
 - Direction of Groundwater Flow
 - Approximate Excavation Extents (Aims Environmental, 2012)
 - Approximate Location of Two 10,000 gallon Underground Oil Tanks - FIP (1966)
 - Approximate Location of Former UST
 - Location of Property Boundary
 - APEC 1
 - APEC 2
 - APEC 3
 - APEC 4



Stantec

Project Location: Oakville, Ontario
 122120345 REVA
 Prepared by IP on 2021-08-18

Client/Project:
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 358 REYNOLDS STREET
 OAKVILLE, ONTARIO

Figure No.
3

Title
Phase One Conceptual Site Model

Appendix C SITE RECONNAISSANCE PHOTOGRAPHS





Photo 1: View from Front of Phase One Building



Photo 2: Phase One Property facing North towards the rear of the Phase One Building



Photo 3: Four soil piles located in the Northern Portion of the Phase One Property



Photo 4: Wood and metal debris located in the Southern Portion of the Phase One Property



Photo 5: Existing well located near the Northeast corner of the Phase One Building



Photo 6: Existing recovery well located in the vicinity of the Former UST

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Photo 7: Existing well located immediately South of the Former Excavated Area



Photo 8: Existing well located near the Southwest corner of the Phase One Building



Photo 9: A ditch located west of the Phase One Property along MacDonald Road

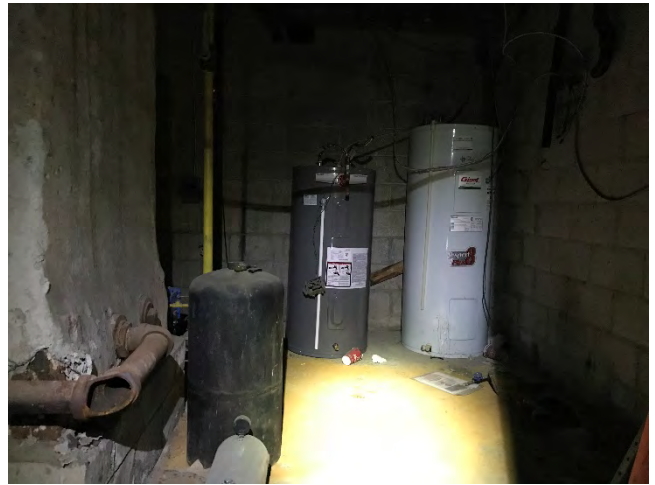


Photo 10: Boiler room in the basement

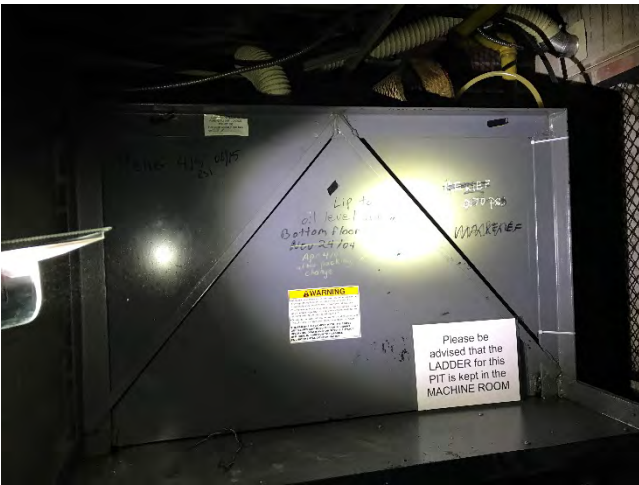


Photo 11: AST containing hydraulic oil for elevator



Photo 12: Evidence of black staining surrounding a radiator in the basement

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Appendix D Project Team Members

Appendix D PROJECT TEAM MEMBERS



Breanne McNea BA. (Hon.)

Environmental Scientist

Breanne McNea, BA. (Hon.) has served as an Environmental Scientist at Stantec since 2012. As an environmental scientist, Breanne has supported a variety of Phase One and Two Environmental Site Assessment projects both in the field and office. Breanne is skilled at dealing with contractors, site owners and the public, and understands the importance of confidentiality. Breanne is capable of performing complex tasks, and has coordinated and supervised environmental investigations including borehole drilling, air monitoring, soil vapour sampling, groundwater monitoring, as well as, soil and groundwater sampling. In addition, Breanne works effectively with project managers out of a variety of offices to schedule field work, coordinate contractors, and book the required equipment to complete specific programs. In addition to her field work, Breanne is also experienced in writing a variety of environmental reports. Breanne's experience in these projects has developed her knowledge of environmental laws and regulations in Ontario and allowed her to assist with the assessment of properties whose soil and ground is impacted with volatile organic compounds (VOCs), petroleum hydrocarbons (PHCs), metals and inorganics.

EDUCATION

Post Graduate Diploma, Niagara College/Environmental Management and Assessment, Niagara College/Niagara on the Lake Campus, Ontario, 2011

Bachelor of Arts, University of Guelph/ Bachelor of Arts Honours Geography, University of Guelph/ Guelph, Ontario, 2010

CERTIFICATIONS & TRAINING

Certificate, Workplace Hazardous Material Information System (WHMIS), Stoney Creek, Ontario, 2017

Certificate, Green Defensive Driving Course, Mississauga, Ontario, 2016

Certificate, Ground Disturbance Training, Markham, Ontario, 2016

Certificate, Transportation of Dangerous Goods, Mississauga, Ontario, 2016

Certificate, Standard Emergency Red Cross First Aid Training, Mississauga, Ontario, 2015

Certificate, Fall Arrest Awareness Training Course / Acute Environmental Services, Markham, Ontario, 2013

Certificate, Traffic Control Technician Course, On Track Safety LTD., Markham, Ontario, 2012

POST 2019 LEVEL 2 BBS, POST 2019 Level 2 - BBS - Orientation and Test, Hamilton, Ontario, 2019

AWARDS

2014 Q1 2014 SGW Canada HSSE Award Winner

PROJECT EXPERIENCE

GROUNDWATER MONITORING

Groundwater Site Investigations at Current and Former Gasoline Service Stations | Multiple Sites, Ontario | 2012-Present | Field Supervisor/Project Coordinator/Report Writer/Project Manager

Manage groundwater sampling programs at various locations across southern Ontario. Developing contaminant management plans and reporting the required information to the appropriate authorities and third parties. Responsible for the organization and coordination of groundwater monitoring programs for numerous downstream oil and gas clients. The field coordinator role involves ordering field equipment and compiling necessary health and safety documentation. In addition, as field supervisor for the same clients, Breanne has monitored wells, advanced boreholes, recovered groundwater and soil samples, reviewed the analyzed sample data, and prepared detailed reports. Breanne is also responsible for client interaction and managing WIP/AR for multiple projects.

INDOOR AIR QUALITY ASSESSMENT

Enbridge Gas Distribution Inc. Davis Drive Air Monitoring | Newmarket, Ontario | 2012-2013 | Field Supervisor

Responsible for air monitoring, including exposure to contaminants such as VOCs, mercury (Hg), methane (CH₄), oxygen (O₂) and hydrogen sulphide (H₂S) during construction.

ENVIRONMENTAL SITE ASSESSMENTS PHASE I, II, III

Sheridan Park Investigation | Mississauga, Ontario | 2012-2018 | Field Coordinator/Site Assessor/Report Author

Responsible for organization and coordination of monitoring and groundwater sampling programs, ordering field equipment, and preparation of health and safety plans. Responsible for reviewing the analyzed sample data and preparing reports. In addition, within the Site Assessor role Breanne completed a Phase I Environmental Site Assessment (ESA), which entailed an extensive historical records review, site visit, and preparation of a detailed report in accordance with the CSA Standard Z768-01 (R2012). Breanne's role on the project included task manager, project coordinator, Phase

One Site Assessor, and report writer.

Redevelopment of a Former Industrial Property | Port Credit, Ontario | 2017-Present | Site Assessor/Report Author/Field Coordinator

As a Site Assessor, Breanne was responsible for completing an extensive historical records review of a 70-acre former industrial property in Port Credit. The Phase One was conducted to determine if evidence of potential or actual contamination existed on the Site. The completed Phase One report was written in accordance with Ontario Regulation 153/04. Breanne also was the report author of a Phase Two ESA Summary and Conceptual Site Model (CSM) for the same Site. As field coordinator Breanne was responsible for scheduling subcontractors, communication with field staff, and selecting samples for submission.

Toronto Community Housing, Regent Park Revitalization Program | Toronto, Ontario | 2013-2014 | Site Assessor/Field Supervisor

Stantec conducted a Phase One ESA of 14.5 hectares of Regent Park; Phase Two ESAs for eight residential development blocks, three roadway blocks and two parkland blocks; and two Streamlined Tier III Risk Assessments to document soil and ground water conditions at these properties in accordance with O.Reg.153/04. Breanne completed an extensive historical records review associated with the Phase One ESA. Based on the findings of the Phase One ESA, a Phase Two work plan was developed for the site. Breanne acted as field supervisor for the drilling of boreholes and installation of monitoring wells. Responsibilities as field supervisor included: ensuring current and accurate utility locates, clear communication with contractors, soil sampling, and documenting soil conditions. This job involved both geotechnical and environmental drilling components.

Canada Post, Phase I and II Environment Site Assessments | Mississauga, Windsor and Kitchener, Ontario | 2014 | Site Assessor/Report Writer/Field Supervisor

As a Site Assessor, Breanne completed extensive historical background reviews and conducted site visits on numerous sites within Ontario, as well as, prepared detailed reports in accordance with the CSA Standard Z768-01 (R2012). The role of field supervisor required ensuring utility locates were accurate, clear communication with the contractor, accurately documenting soil conditions, and collection of soil samples.

Enbridge, Environmental Site Assessments and Geotechnical Work | Toronto, Ontario | 2014-2015 | Field Supervisor

Acted as field supervisor for the drilling of boreholes, and installation of monitoring wells for geotechnical purposes, and the decommissioning of monitoring wells. Responsibilities as field supervisor included: ensuring utility locates were accurate and up to date, clear communication with contractors, accurately documenting soil conditions, and collection of soil samples.

Defence Construction Canada, Phase II ESA – Paint

Shop #2 at CFAD within CFB Borden | Borden, Ontario | 2017-2018

Stantec completed a Field Investigative Work Plan (FIWP) and a Phase II ESA for Paint Shop #2 located within Canadian Forces Ammunition Depot (CFAD) at Canadian Forces Base (CFB) Borden. Intrusive site activities were planned to realize efficiencies with two other Stantec site assessments occurring at the base at the same time. Boreholes (some completed as monitoring wells) were advanced at the site and soil and groundwater was assessed at these locations for the contaminants of concern (COC) which included VOCs, PHC fractions 1 to 4, polycyclic aromatic hydrocarbons (PAHs), and metals. A National Classification System for Contaminated Sites (NCSCS) score was prepared for the site and based on the findings of the assessment, it was recommended that the FCAP Site Closure Tool (SCT) be completed. The project received high Contractor Performance Evaluation Report Form (CPERF) scores from Defence Construction Canada (DCC). Breanne's role was that of project coordinator and report writer.

Defence Construction Canada, Phase II ESA – Caen Battle Assault Range and Foxfield Battle Assault Range at CFB Borden | Borden, Ontario | 2017-2018

Stantec completed a Field Investigative Work Plan (FIWP) and a Phase II ESA for two battle assault ranges at Canadian Forces Base (CFB) Borden. Intrusive site activities were planned to realize efficiencies with one other Stantec environmental site assessment occurring at the base at the same time. Contaminants of concern (metals and inorganic parameters, energetics, petroleum hydrocarbons, and benzene, toluene, ethylbenzene, and xylenes (BTEX)) were assessed in the soil and groundwater, and at the Foxfield site sediment and surface water were assessed for metals and inorganic parameters and energetics. NCSCS scores were prepared for each of the sites. The project received high CPERF scores from DCC. Breanne's role was that of project coordinator and report writer.

Public Works Government Services Canada, Enhanced Phase I ESA on Parts of Highway 400 (formerly Highway 69) – Parcels B and C | Township of Georgian Bay, Ontario | 2017-2018

The work included completion of an Enhanced Phase I ESA on two parcels of land which were proposed to be transferred to the Wahta Mohawk Territory No. 31. The objective of the work was to identify areas of actual and potential environmental concerns (AEC/APEC), and to identify observed environmental reporting issues (ERIs), best management practices (BMPs), general environmental compliance observations, and health and safety concerns at the site. In addition, Stantec was to conduct a preliminary surficial soil sampling program if AECs/APECs were identified where there was visual signs of impact and this occurred at several areas on the Site. Surface soil was sampled for PHC F1-F4, BTEX, PAHs, and metals. Based on the findings of the assessment, further recommendations were made for the site. Breanne's role was that of Phase One Site Assessor and report writer.

The City of Vaughan, North Maple Regional Park, Phase One and Two Environmental Site Assessment and

**Record of Site Condition | Vaughan, Ontario | 2016-2018
| Site Assessor/Report Author/Field Coordinator**

As a Phase One Site Assessor, Breanne was responsible for completing an extensive historical records review of a 62 ha former municipal composting facility in Vaughan. The Phase One was conducted to determine if evidence of potential or actual contamination existed on the Site. The completed Phase One was written in accordance with Ontario Regulation 153/04 with the intent of obtaining an RSC for use of the property as public parkland. Based on the findings of the Phase One, Breanne assisted in developing the scope of work for a Phase Two investigation. This role involved determining borehole drilling locations, reviewing public utility locates, scheduling contractors, selecting sampling for submission, and writing a report documenting the findings.

Deer Ridge Heights Inc., Phase I ESA and RSC Filing on Land Previously Containing a Temporary Road | Kitchener, Ontario | 2015-2017 | Site Assessor and Report Writer

Stantec conducted a Phase I ESA and filed an RSC based on a Phase I ESA alone on a property in Kitchener that previously contained a temporary road and was to be developed as residential lots. The work was completed, and the RSC was acknowledged by the Ministry of the Environment and Climate Change (MOECC) (now the MECP). Breanne's role was that of Phase I ESA Site Assessor and report writer.

Environmental Site Assessment to Support a Record of Site Condition | Niagara Falls, Ontario | 2016 | Site Assessor

Completed an extensive Phase One ESA to support the assessment of a former industrial property and waste disposal facility to assist the client to identify options for development and to ultimately support the pursuit of a record of site condition. Responsibilities, included a historical background review, site visit, and wrote a detailed report in general accordance with the Regulation 153/04 for a complex Site.

OIL & GAS MIDSTREAM, TERMINALS

**Lubricant Refinery | Mississauga, Ontario | 2012-Present
| Field Supervisor/Project Coordinator/ Report Writer**

Breanne assists with management of annual groundwater monitoring and sampling program to evaluate plume dynamics and effect of oxygen releasing compound applications. Breanne is responsible for project coordination of annual programs and Phase Two investigative programs, ensuring Stantec is adhering to the clients health and safety policies, requesting and following site permits, acting as client liaison, and report preparation.

Randy Sinukoff

M.A.Sc., P.Eng., EP,

EP(CEA), EP(EMSLA), QP_{ESA}

Senior Associate

Randy is a professional chemical engineer specializing in site assessment and remediation, hazard analysis and due diligence reviews, regulatory compliance, management systems, auditing and verifications, and sustainability. He is a Stantec Subject Matter Expert in Compliance and Auditing, and has designations as an Environmental Professional (Site Assessment and Reclamation), Environmental Professional (Compliance Environmental Auditor), Environmental Professional (Environmental Management System Lead Auditor), and as a Qualified Person (Environmental Site Assessment) under Ontario Regulation 153/04, Records of Site Condition. Randy has performed the project management and senior technical evaluation functions for over 5000 projects, and is an expert in developing methodologies for such work. Operations covered in these projects include chemical manufacturing and distribution, power generation and transmission, pipelines, transportation, construction, insurance, mining, telecommunications, pulp & paper, water treatment, food and beverage, real estate, and all levels of government. Randy was heavily involved in the development of the Phase I Environmental Site Assessment standard (Z768-94 and 01), the Phase II ESA standard (Z769-00), and the Environmental Compliance Auditing standard (Z773) for the Canadian Standards Association (CSA). He is part of the Canadian Mirror Committee advising the International Organization for Standardization (ISO) and CSA on technical matters for environmental site assessment, environmental management and auditing.

EDUCATION

M.A.Sc., University of Toronto / Chemical Engineering, University of Toronto / Toronto, Ontario, 1984

B.A.Sc., University of Toronto / Chemical Engineering, University of Toronto / Toronto, Ontario, 1982

REGISTRATIONS

Environmental Management Systems Lead Auditor #21379, Environmental Careers Organization of Canada (ECO Canada)

Environmental Professional (Compliance Environmental Auditor) #21379, Environmental Careers Organization of Canada (ECO Canada), 2012/04/18

Environmental Professional (Site Assessment and Reclamation) #21379, Canadian Environmental Certification Approvals Board

Professional Engineer #42688705, Professional Engineers Ontario

MEMBERSHIPS

Member, Auditing Association of Canada

Member, Canadian Standards Association

PROJECT EXPERIENCE

DUE DILIGENCE AUDITS

Due Diligence Audit , Power Generating Stations | Canada | Lead Environmental Auditor

Led a team of nine auditors and technical experts in the environmental portions of a due diligence audit of various power generating stations. Scope included risk evaluation and prioritization.

Environmental Due Diligence and Management System Audit, locations across Ontario | Ontario | Lead Auditor and Project Manager

Environmental Due Diligence and Management System Audit of 280 Gas Station Facilities in Ontario

Environmental Risk and Site Audit Evaluation Program, Canada-wide | Project Manager

Evaluation of environmental risks and auditing processes for over 100 facilities across Canada.

Due Diligence Review of Environmental Baseline | Guatemala, Central America | Senior Technical Reviewer

Due Diligence Review of Environmental Baseline for Mine Site in Central America.

Hazardous Waste Storage Assessment | Hamilton, Ontario | Senior Technical Advisor/Reviewer

Completed an evaluation of hazardous waste generation, waste stream compatibilities, waste storage, and transport practices for Hamilton Health Sciences Corporation, McMaster University Medical Centre.

Environment and Regulatory Compliance Audit | Alberta, Saskatchewan, Manitoba | 2016 | Lead Auditor and Senior Advisor

Provided Environmental Audit Services for the NGL fractionation plant and associated infrastructure (pipeline, storage facilities and terminals) including, General Environmental & Regulatory Compliance, Liability and risk identification, NEB Environmental Management System requirements pursuant to the Onshore Pipeline Regulations, and EPP Compliance, for facilities across Alberta, Saskatchewan and Manitoba.

ENVIRONMENTAL COMPLIANCE AUDITS

Environmental Compliance Reviews | Toronto, Ontario | Lead Auditor/Advisor

Perform monthly compliance inspections and evaluation of construction contractor compliance to environmental regulations and project environmental management procedures at the McNicoll Bus Garage construction site for the Toronto Transit Commission.

Due Diligence Environment, Health and Safety Audits | Ontario | 2009-2018 | Project Manager, Lead Auditor

Performed environmental, health and safety audits of 14 Ontario, Alberta and British Columbia power generation facilities, including coal, biomass, gas turbine and wind, plus a coal mine. Part of client Integrated Site Assurance Team due diligence auditing program.

Environmental Compliance Audits | Ontario | 2005-2015 | Senior Program Manager

Environmental Compliance Audits of 46 Ontario Government complexes throughout Ontario, including hospitals, correctional facilities, water and wastewater treatment plants, fire centres, fish research centres, multi-building office properties, etc., for Infrastructure Ontario and the Ontario Realty Corporation.

Environmental Compliance Audits | Fort Frances and Kenora, Ontario | Auditor

Environmental compliance audits of large pulp and paper mill and five supporting power stations.

Compliance Audits | Mississauga, Ontario | Lead Auditor

Environmental Compliance Audit for large hospital, including cancer centre and offsite clinics

Environmental, Health & Safety Compliance Audits, York Region | Ontario | 2006 - 2013 | Lead Auditor/Senior Advisor

Environmental, Health & Safety Compliance Audits, Regional Municipality of York, Water and Wastewater Treatment and Distribution Facilities, and Waste Management Facilities, covering over 100 sites (repeated program over two 3-year cycles).

Environment, Health & Safety Management System and Compliance Audit (in Various areas across Canada) | Lead Auditor

Environment, Health & Safety Management System and Compliance Audit of Head Office and all Business Units of Canadian Tire Corporation.

Compliance Audits | Toronto, Ontario | 2002-present | Technical Reviewer and Client Advisor

Compliance Audits of ozone depleting substance (refrigerant) collection and disposal service providers. Audits include evaluating status of conformance to requirements for collecting processing and destroying obsolete refrigerants across Canada.

Audit Protocol Development | Toronto, Ontario | Technical and Project Manager

Development of Environmental Compliance and Management System Audit Protocols for Storage Tanks,

and Air Emissions, at Federal Facilities in Ontario.

Environmental Compliance and Management Audit, Lower Mattagami Hydroelectric Reconstruction Project | Ontario | Lead Environmental Auditor

Performed an environmental compliance and management audit of the construction and environmental management activities of Kiewit Construction during the diversion of the Lower Mattagami River and reconstruction of the historic Little Long and Smoky Falls hydroelectric power stations. The work was completed to review and confirm implementation of environmental controls and monitoring required as part of the environmental approvals for the project.

ENVIRONMENTAL SITE ASSESSMENTS PHASE I, II, III

Phase I and II ESA | Penetanguishene, Ontario | Project Manager/Senior Technical Advisor

Completed Phase I ESA and Phase II ESA at Penetanguishene Mental Health Centre property for environmental condition baseline and future facility expansion. Phase II ESA included delineation of abandoned on-site landfill.

Phase I and II ESAs, Remediation Monitoring, and Record of Site Condition, Dufferin Jog Realignment | Toronto, Ontario | Senior Reviewer/Qualified Person

Completion of ESAs and Remediation to obtain a Record of Site Condition under Ontario Regulation 153/04.

Phase I and II ESA, Soil and Groundwater Remediation | Toronto, Ontario | 2011-2018 | Project Manager and Senior Technical Lead

Led a team to complete a Phase I and II ESA and assessment of groundwater conditions, and associated remediation of an automotive service facility with historic petroleum hydrocarbon and chlorinated solvent contamination in soil and groundwater.

Completion of Records of Site Condition, Various Cities | Ontario | 2006-Present | Qualified Person

Since 2006, completion of 23 Records of Site Condition under Ontario Regulation 153/04, for Property Redevelopment across Ontario.

Phase II ESA and Groundwater Assessment | Toronto, Ontario | Project Manager and Senior Technical Lead

Led a team to complete a Phase II ESA and assessment of groundwater of a former industrial facility with historical chlorinated solvent contamination in soil and groundwater. Provided guidance and strategy to client legal counsel.

Phase I and II ESAs, Various Cities, Across Canada | Project Manager, Technical Reviewer

Phase I and II Environmental Site Assessments of Royal Bank of Canada owned real estate portfolio (33 commercial office tower sites across Canada)

Environmental Site Investigations, Various Cities | Ontario | 1995–present | Senior Technical Reviewer, Project Manager, Project Engineer

Environmental Site Investigations, for petroleum service

stations and bulk terminals, performed in conjunction with prospective site purchase or divestment, southern Ontario.

Phase II ESAs and Site Remediation | Blind River, Ontario | Qualified Person, ESA

Completed Phase II ESAs and three site excavation projects at former Ministry of Natural Resources Air Base property, in support of filing a Record of Site Condition.

Phase II ESAs and Site Remediation, Various Cities | Ontario | Senior Project Manager/Technical Advisor

Phase II Environmental Site Assessments and Site Remediation of six retail/commercial facilities in Ontario (insurance claim).

Phase I and II ESA | Fort Frances, Ontario | 2010-2014 | Senior Reviewer and Technical Advisor

Assessment of a large former industrial property located on First Nations land with numerous third parties including a public open house. Intention of the Phase I ESA was to consolidate the previous environmental assessments to establish a baseline of environmental conditions at the property. Phase II/III ESA investigation of three areas of potential environmental concern and a background (reference) area. Former site activities included wood preservation. Contaminants of concern included polychlorinated dibenzo-dioxins and -furans that required rigorous decontamination and quality programs to prevent cross-contamination.

Phase I Environmental Site Assessment and Environmental Compliance Evaluation | Ontario | Project Manager/Senior Technical Advisor

Completed Phase I ESA and evaluation of environmental regulatory compliance status for a cogeneration facility in Ontario. Work was performed to identify baseline environmental risks associated with a proposed sale of the facility.

Phase I and II ESAs, and Record of Site Condition, North Maple Regional Park | Vaughan, Ontario | Project Leader/Qualified Person

Completion of ESAs and obtaining a Record of Site Condition under Ontario Regulation 153/04 of this 62 ha area former municipal composting facility for use of the property as public parkland. Work is ongoing to obtain additional approvals to expand the existing park.

Phase II ESAs and Remediation of PFAS Contamination in Groundwater | Ontario | Senior Technical Advisor

Worked with Stantec technical team to characterize, delineate and initiate the remediation of PFAS contaminated groundwater at a rural property where a fire occurred. Drinking water wells in the area were also impacted. Discussions held with provincial regulatory agencies regarding the assessment and remediation program.

ENVIRONMENTAL MANAGEMENT

Environmental Management System Audits | Regina, Saskatchewan | 2014-present | Lead Auditor

Performed environmental management system (EMS) and compliance audits of the operations and activities

conducted at Regina International Airport. Audit activities covered the client's EMS and regulatory compliance including maintenance of buildings and owned mobile equipment, snow removal and de-icing of runways and roads, emergency response, fuel storage and dispensing, waste removal, wildlife management and storm and sanitary sewer management.

ISO 14001 Development and Implementation | Toronto, Ontario | Project Strategy Lead/Project Manager

Project Leader for a 2-year ISO 14001 implementation program for TELUS across Canada. Registration to ISO 14001 for the corporation was achieved.

Environmental Management Program Development and Implementation | Canada | 2000-2018 | Project Strategy Lead/Project Manager

Project Leader for development and updating environmental management programs for various corporations with operations across Canada (real estate management, construction, etc.).

ISO14001 Internal Audit | Sarnia, Ontario | Lead Auditor

ISO14001 Internal Audit at the Suncor Sarnia Refinery, Sarnia, Ontario

Environmental Management System Strategy | Waterloo, Ontario | Technical and Project Manager

Environmental Management System development and Corporate Strategic Advice, International Financial and Insurance Company

Environmental, Health & Safety Management System | Toronto, Ontario | Project Manager

Corporate Environmental, Health & Safety Management System development and advisory for Canadian Tire Corporation.

Environmental Quality Management Plan Development, East Rail Maintenance Facility | Ontario | 2015/2016 | Environmental Quality Manager

Stantec, as part of the Plenary Infrastructure team, developed and helped implement an Environmental Quality Management Plan (EQMP) for the design, construction and operation of the East Rail Maintenance Facility in Whitby, Ontario. The EQMP is consistent with ISO 14001 and covers the processes to maintain compliance with applicable environmental approvals, standards, regulations, guidelines, policies, and practices. The EQMP also includes sustainability processes in alignment with LEED requirements.

Development of Guidance Manual for the Management and Disposal of PFAS-Impacted Waste Materials, Canada | Subject Matter Expert

Coordinated efforts of Stantec team and provided technical and strategy expertise for the identification of applicable regulatory and best practice information to assist Transport Canada with decision-making in the management of PFAS impacted wastes.

TRAINING AND EDUCATION

Environmental Management System Strategic Workshops | British Columbia | Project Manager and Technical Lead

Provided two strategic advisory workshops for Liquid Waste Services Department of Metro Vancouver to assist in the development of implementation plans for achieving various departmental and corporate metrics and goals. Developed and facilitated these 3-hour workshops to define EMS processes related to implementation, and to consider and confirm environmental risk management approaches.

Course Development | Toronto, Ontario | 2006-present | Lead Instructor and Course Developer

Instructed and developed 15 separate courses presented at public conferences and for private clients since 2006, on topics including integration of environment, health, safety & quality systems, environmental best practices, standards and guidelines for due diligence and environmental management, environmental auditing, regulatory compliance, environmental site assessment, professional ethics, etc.

Environmental Management System and Environmental Auditing Training Courses | Toronto, Ontario | 1996-present | Lead Instructor

Organized and taught 3-day Auditor Certification training courses on Environmental Management Systems and Environmental Auditing. Courses are recognized by ECO Canada as fulfilling the formal training requirements for participants to become Environmental Professionals in auditing and management systems.

Environmental Management System Effectiveness Training Course Various Cities | Ontario, Alberta and British Columbia | Trainer and Author

Author and Trainer of EMS Effectiveness Course for management and operations personnel at EPCOR power plants, water and wastewater treatment facilities in Ontario, Alberta and British Columbia.

Drinking Water Quality Management Standard / ISO 9001 Training Course, York Region | Ontario | Trainer and Author

Trainer and Author of Drinking Water Quality Management Standard / ISO 9001 course for all levels of personnel associated with water treatment and distribution (approximately 80 people).

Environmental Awareness Training Courses, across Canada | Author and Trainer

Environmental Training Courses for all levels of management personnel across Canada for the Environmental Management Program for Canadian Real Estate Investment Trust, for Bentall Real Estate/Capital, Sun Life, and Morguard REIT (total over 500 people).

SUSTAINABILITY

Sustainability and Environmental Footprinting, Various Cities | Ontario | Lead Engineer

Developed project methodology and led the performance of an environmental footprinting project for one of Canada's largest private sector analytical laboratories.

Environmental Options Review | Toronto, Ontario | Lead Assessor and Project Manager

Environmental Options Review (sustainability baseline

assessment).

WASTEWATER TREATMENT

Development and Design of Closed Loop Wastewater Treatment System | Markham, Ontario | Lead Engineer, Project Manager

Development and Design of "System Crystal", a patented closed loop wastewater treatment and reuse system for Black's Photography, Markham, Ontario. Involved wastewater characterization, research on technology options, development of new chemical processes, full system design, and operational consulting.

Wastewater Characterization and Process Audits | Ontario | Senior Engineer

Wastewater Characterization and Process Audits, numerous industrial clients in household chemicals, rubber and plastics manufacturing, adhesives, metal finishing, food processing, truck maintenance, etc., Ontario.

Closed Loop Wastewater Treatment Systems | Ontario | Project Manager and Lead Engineer

Development of Closed Loop Wastewater Treatment Systems (nickel plating, pigments/paints, and adhesives), Midland, Ontario, Toronto, Ontario, and Brampton, Ontario.

AIR POLLUTION CONTROL

Odour Control Study and Odour Testing | Cobourg, Ontario | Project Manager/Engineer

Conducted Odour Control Study and Odour Testing at tannery.

Compliance Stack Testing and Protocol Approvals | Belleville, Ontario | Project Engineer/Site Supervisor, Compliance Stack Testing and Protocol Approvals

Compliance Stack Testing and Protocol Approvals, for total hydrocarbon / odour.

Industrial Air Quality and Ventilation Design Study | Toronto, Ontario | Project Engineer

Plating chemical manufacturer, Toronto, Ontario.

AIR POLLUTION CONTROL SYSTEMS ENGINEERING

Design of Ventilation Systems | Toronto, Ontario | Project Engineer

Design and construction management of flammable liquid dispensing room at plastics manufacturing facility & laboratory, Ontario.

PUBLICATIONS

Presentation. Randy J. Sinukoff, New Developments in Voluntary Management Systems. *CANECT 2018 Conference, Vaughan, Ontario, 2018.*

Presentation. Randy J. Sinukoff, EMS: Practical Tools and Strategies to Save Money and Increase Efficiencies. *CANECT 2017 Conference, Mississauga, Ontario, 2017.*

Presentation. Randy J. Sinukoff, Thomas Tisdale, Is ISO still an effective system to implement in our GFSI World?.

Conference Board of Canada 5th Annual Canadian Food and Drink Summit 2016, Toronto, Ontario, 2016.

Presentation. Randy J. Sinukoff, Due Diligence and the New ISO14001. *CANECT 2016 Conference, Mississauga, Ontario, 2016.*

Presentation. Randy J. Sinukoff, Demonstrating and Documenting Environmental Due Diligence. *Invited Speaker (2010, 2011, 2012, 2014) CANECT and Envirogate Conferences, Mississauga, Ontario, 2014.*

Presentation: Randy Sinukoff, Environmental Management Essentials, Practical Management System Tools and Examples. *CANECT 2013, 2014 Conference, Mississauga, Ontario, 2014.*

Presentation. Randy J. Sinukoff, The Engineering Consultant's Role in Environmental Site Assessment and Remediation. *Guest lecturer (2006-2019) for CHE403S. Professional Practice, Legal and Ethical Responsibilities, University of Toronto Chemical Engineering, 2019.*

Presentation. Randy J. Sinukoff, Wesley Gee, Environmental Management Essentials, Practical Management System Tools and Examples. *CANECT 2013 Conference, Mississauga, Ontario, 2013.*

Presentation. Randy J. Sinukoff, Wesley Gee, Environmental Management Essentials, Integrated Approaches to Operations and Risk Management. *CANECT 2012 Conference, Mississauga, Ontario, 2012.*

Presentation. Randy J. Sinukoff, Environmental Management Essentials. *CANECT 2011 Conference, Mississauga, Ontario, 2011.*

Presentation. Randy J. Sinukoff, Standards and Guidelines for Due Diligence and Environmental Management. *CANECT 2009 Conference, Toronto, Ontario, 2009.*

Presentation. Randy J. Sinukoff, Neil McDermott, Integration of Environment, Health, Safety & Quality Management Systems. *CANECT 2007 Conference, Toronto, Ontario., 2007.*

Presentation. Randy J. Sinukoff, Vanessa Lithgow, Environmental Management Best Practices. *CANECT 2008 Conference, Toronto, Ontario, 2008.*

Presentation, Randy J. Sinukoff, Shannon E.M. Wolfe, Carbon Neutrality and Reducing Your Carbon Footprint. *University of Waterloo, Environment & Business Conference, March 2008, Waterloo, Ontario, 2008.*

Presentation. Randy J. Sinukoff, The Evolution of Phase I Environmental Site Assessments in Canada. *Canadian Environmental Auditing Association Technical Conference, September 2007, Halifax, Nova Scotia, 2007.*

Presentation. Randy J. Sinukoff, Recent Trends in Environmental Management Systems. *Ontario Ministry of the Environment Innovation Forum, October 2007, Toronto, Ontario, 2007.*

Presentation. Randy J. Sinukoff, Environmental Management System Synergies. CANECT 2019 Conference, Vaughan, Ontario, , 2019.

**FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
358 REYNOLDS STREET, OAKVILLE, ONTARIO**

Appendix E Supporting Documentation

Appendix E SUPPORTING DOCUMENTATION



Ministry of the Environment,
Conservation and Parks

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

Ministère de l'Environnement, de
la Protection de la nature et des
Parcs

Bureau de l'accès à l'information et
de la protection de la vie privée
12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél.: (416) 314-4075



January 29, 2020

Breanne McNea
Stantec Consulting
835 Paramount Drive
Stoney Creek, ON L8J 0B4

Dear Breanne McNea:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File #: A-2019-08355, Your Reference #: 122120345

This letter is further to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 358 Reynolds Street, Oakville.

After a review of the records received from the Ministry's Halton Peel District Office and Environmental Monitoring and Reporting Branch, the final decision has been made to provide full access to the information.

In accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, detailed below are our charges:

• Search Time 1 hour @ \$30/hour	\$ 30.00
• Copying 17 pages @ \$0.20/page	\$ 3.40
• Delivery	\$ 3.00
• Total	\$ 36.40
• Deposit Received	- \$ 30.00
• Balance Due	\$ 6.40

In order to receive a copy of the records, please forward this amount to our office. You may pay by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card. Credit card forms are available on the Ministry's website <http://www.ontario.ca/environment-and-energy/freedom-information-request-form>. Please do not mail cash.

If payment has not been received within 45 days this file will be closed. When remitting payment, please quote our file number or attach a copy of this letter.

The District Office has advised that there may be inactive records in the Records Centre, Mississauga. To retrieve these files there is a charge of \$60.00 with no guarantee that any records will be located responsive to your request. If you would like us to retrieve these files, please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of \$60.00. Credit card forms are available on the Ministry's website <http://www.ontario.ca/environment-and->

energy/freedom-information-request-form. Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the files retrieved from the Records Centre, the time for answering your request will be extended for an additional 30 days.

To conduct a search through the files of the Environmental Assessment and Permissions Branch requires an additional 8 hours. If you would like us to search for Environmental Compliance Approvals/Certificates of Approval at the Environmental Assessment and Permissions Branch (EAPB), please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of \$240.00. As EAPB may have filed approval records by the proponent of the approval (current/former property owner/tenants of the property) rather than the site address, you will be required to provide all current/former property owner/tenant names for the search years you requested in your application when submitting payment for this search. Please note that there is no guarantee any records will be located responsive to your request. Credit card forms are available on the Ministry's website <http://www.ontario.ca/environment-and-energy/freedom-information-request-form>. Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the search conducted at the Environmental Assessment and Permissions Branch, the time for answering your request will be extended for an additional 30 days.

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

If you have any questions regarding this matter, contact Katie Tudor at katie.tudor@ontario.ca.

Yours truly,



Noel Kent
Manager, Access and Privacy

PREVIOUS OWNERS CHAIN
for 38 Reynolds Street, Oakville
PIN 24808-0010 (LT) – Part Park Lot O Plan 1, as in 613469; Town of Oakville

GEORGE K. CHISHOLM
(from _____ to 23 July, 1856)

WALLACE ROBINSON
(from 23 July 1856 to 21 January, 1871)

ALEXANDER COOTE
(from 21 January, 1871 to 24 November, 1902)

CYRUS ALEXANDER COOTE
(conveyed by John E. Ford, Executor)
(from 24 November, 1902 to 30 November, 1950)

MARY INEZ JESSIE FORD
(from 30 November, 1950 to 30 July 1953)

RALPH ROTMAN
(from 30 July 1953 to 30 July 1953)

JAMES BROWN, JR
(from 30 July 1953 to 6 August, 1954)

OAKVILLE MEDICAL ARTS LIMITED
(from 6 August, 1954 to 31 January, 1985)

589027 ONTARIO INC.
(from 31 January, 1985 to 25 November, 2013)

REYNOLDS HOLDINGS LTD.
(from 25 November, 2013 to 21 December, 2017)

TRANSMETRO LIMITED
(from 21 December, 2017 to date)



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

07 January 2020

Breanne McNea
STANTEC
835 Paramount Drive
Stoney Creek ON L8K 0B4

Subject: 358 Reynolds Street, Oakville, Ontario
Your File No.: 122120345
SR No.: 2740050

Dear Madam/Sir:

We are in receipt of your correspondence wherein you requested information regarding the above noted subject.

A search of our records produced the attached Fuels Safety documents.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

Trusting the attached satisfies your request; however, should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

A handwritten signature in black ink, appearing to read "Sherees Thompson", with a long horizontal flourish extending to the right.

Sherees Thompson
Public Information Services



14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772
www.tssa.org

May 22, 2013

Dr. Ross Prince (via email)
589027 Ontario Inc.
358 Reynolds Street, Suite 11
Oakville, ON
L6J 3L9

**Underground Storage Tank Removal – 358 Reynolds Street, Oakville, Ontario
TSSA Services Request Number: 1104232**

Dear Dr. Prince,

Thank you for submitting the report entitled "*Environmental Inspection & Testing Services, Oakville Medical Arts Building, 358 Reynolds Street, Oakville, Ontario*", prepared by AiMS Environmental (AiMS), and dated March 2, 2013. This report has been submitted to the Technical Standards and Safety Authority (TSSA) as required by TSSA Inspection Report (Inspection Report Number: 4432036 and Inspection Service Request Number: 1081320) and associated Order. The Order was issued by TSSA Inspector Terry Maher following the discovery of the removal of an underground storage tank (UST) located at the above noted address.

The report informs Fuels Safety Program (FSP) of the removal of one (1) out-of-use 1,000 gallon steel heating oil underground storage tank (UST) from the above noted address. FSP will update our files accordingly to reflect the removal of the tank system.

The AiMS report provides the following information:

- Upon initial site inspection, AiMS reports observation of one (1) vent pipe, suspected to be associated with a former or existing heating oil UST, along the west wall of the on-site 3-storey medical building.
- Due to this discovery and prior to UST removal, in October 2012 AiMS supervised the advancement of five (5) exterior boreholes, two (2) of which were completed as groundwater monitoring wells.
- AiMS selected the Ontario Ministry of the Environment's (MOE) (O.Reg 153/04, as amended) Table 3 Site Condition Standards (SCS) for residential/parkland/institutional property use in a non-potable groundwater condition with medium to fine textured soils as being applicable for use at this site.
- Select soil and groundwater samples were collected and submitted for laboratory analysis of volatile organic compounds (VOCs) including benzene, toluene, ethyl benzene, xylenes (BTEX), petroleum hydrocarbon fractions F1 to F4 (PHC F1-F4), polycyclic aromatic hydrocarbons (PAHs) and heavy metals.
- Laboratory analytical results for the soil and groundwater samples were reported by AiMS to be within the selected MOE Table 3 SCS for all the parameters analyzed with the exception of one (1) soil sample collected from BH5 which exceeded the SCS for PHC F1 to F3 and multiple PAH parameters. In addition, petroleum odours and an oily film/sheen were observed on the surface of

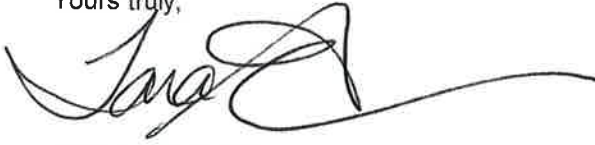
purged groundwater from monitoring well MW4. The presence of liquid petroleum hydrocarbons (LPH) is considered an exceedance of the MOE Table 3 SCS.

- UST excavation activities were completed between December 12 and 13, 2012. Prior to removal, a total of 3,800 litres of residual fuel and liquid waste water was removed from the UST and disposed of off-site.
- Upon removal, AiMS notes surficial corrosion and small perforations of the steel tank. As a result, some residual heating oil leaked from the tank and contacted the surrounding areas of the tank cavity where apparent petroleum hydrocarbon (PHC) impacted soils were observed.
- Remedial activities were initiated at the site. A total of 171.05 tonnes of impacted soil around the UST was transported and disposed of off-site. During the course of the excavation, a total of 3,250 litres of accumulated groundwater was removed from the excavation cavity for off-site disposal.
- Confirmatory soil samples from the final extents of excavation (floor and sidewalls) were collected and submitted for laboratory analysis of PHC F1-F4 and PAHs.
- Laboratory analytical results for the final confirmatory soil samples as reported by AiMS indicate all soil concentrations were within the selected MOE Table 3 SCS. Any interim soil exceedances were removed and subsequent confirmatory samples collected.
- During excavation backfilling activities, AiMS supervised the installation of two (2) recovery wells for future groundwater removal in the former tank area.
- Upon completion of remedial excavation activities, on December 19, 2012 AiMS collected one (1) groundwater sample from monitoring well MW4 and submitted the sample for laboratory analysis of PHC F1 to F4 and PAHs. Laboratory analytical results indicate that the sample exceeded the MOE Table 3 SCS for PHC F2.
- On January 18, 2013 approximately 2,800 litres of groundwater was evacuated from the former tank nest recovery wells and a subsequent groundwater sample was collected from MW4 and submitted for laboratory analysis of PHC F1 to F4. Groundwater concentrations continued to exceed the SCS for PHC F2.
- After an additional 4,000 litres of groundwater was removed from the recovery well between February 21 and 22, 2013 a final groundwater sample was collected from MW4 and submitted for laboratory analysis of PHC F1 to F4. All groundwater concentrations were within the MOE Table 3 SCS.
- AiMS concludes that no further actions are warranted at the site with the exception of quarterly purging, sampling and analysis of groundwater from the on-site monitoring well MW4.

The information submitted has met the requirements of the TSSA, as outlined in Section 9 of the *Ontario Installation Code for Oil-Burning Equipment*, and we consider the matter resolved. With regard to environmental conditions at the permanent closure of a fuel handling facility, please be aware of obligations to notify the MOE of any contamination that is causing or is likely to cause "adverse" effect as defined in the Environmental Protection Act R.S.O. 1990 (EPA). All other requirements of the EPA must be complied with. Should you have any further questions, please do not hesitate to contact me directly.

For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

A handwritten signature in black ink, appearing to read 'Tara Smith', with a long horizontal flourish extending to the right.

Tara Smith, P.Eng.
Fuels Safety Program
Tel.: 416.734.3464
Fax: 416.231.7525
Email: tsmith@tssa.org

Cc: Terry Maher – Fuels Safety Inspector (via email)
Forry Fong, P.Eng. – AiMS Environmental (via email)



**TECHNICAL STANDARDS
and SAFETY AUTHORITY**

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
Fax (416) 231-1626
www.tssa.org

FS Inspection Report

Service Request #	1081320
Inspection Report #	4432036

Inspection Address: 358 REYNOLDS ST OAKVILLE;ON CA L6J 3L9	Reference Number(s):	Inspection Completion Date: APR 12, 2013
	Facility Type:	Equipment Type:
Customer Name and Address: ROSS PRINCE 358 REYNOLDS ST OAKVILLE;ON CA L6J 3L9	Task Type: FS-Enforcement Action	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.

Orders Issued To: DR ROSS PRINCE

Line	Reference and Order(s)	Compliance Date
64188 7-1	<p>Ontario Installation Code for Oil-Burning Equipment. 9.2 In the event of a spill, where a leak is confirmed, where there is discovery of a petroleum product that has escaped to the environment or inside a building, or where required by the Director, one or more of the responsible individuals identified in Clause 9.1, as applicable, shall notify the Director and the responsible individual(s) shall further</p> <p>(a) forthwith notify the Director in the event of a fire or explosion and remove any potential for fire or explosion hazard; (b) provide all information to the Director or an inspector, as required; (c) cease using and empty products from any leaking part of the tank system(s); (d) repair, replace, or remove all defective underground or aboveground tank system(s) or equipment; and (e) take all practical measures to comply with the Environmental Management Protocol for Operating Fuel Handling Facilities in Ontario.</p> <p>Note: To notify the Director, contact the Spills Action Centre of the Ontario Ministry of Environment at 1-800-268-6060.</p> <p>Pursuant to Ontario Installation Code for Oil-Burning Equipment section 9.2 You are hereby ordered to provide TSSA an assessment report, prepared by a qualified person as defined in Ontario Regulation 153/04 of the Environmental Protection Act which delineates the full extent of all petroleum impacts to both the soil and ground-water. The report must meet the criteria as set forth in the TSSA Environmental Management Protocol for Operating Fuel Handling Sites in Ontario. The report must be sent to the following address on or before the compliance date: Please send any electronic submissions to the following email address fssubmissions@tssa.org ATTENTION Fuels Safety Engineering - Environmental Technical Standards and Safety Authority 3300 Bloor St W 14th Floor Centre Tower, Toronto, ON M8X 2X4</p>	MAY 10, 2013

Task Notes

December 12, 2012: A leak was reported after an Underground Storage Tank (UST) had been removed in the car park at the rear of 358 Reynolds St, Oakville. They pumped out the oil and removed the tank, and there was evidence of soil contamination indicating the tank had been leaking.

February 5, 2013: Travelled to 358 Reynolds St, Oakville, and checked the location where the tank was removed, which is a car park for the medical centre. The area had been gravelled and still has 2 x 10" diameter holes in the ground, which are very deep according to the attendant, with only a 5 gallon plastic pail stuck inside for protection. This is a hazard in an open and public accessible area. The building is owned by Dr Ross Prince email rprince18@cogeco.ca 905 844 4383 office - 416 605 6897 cell. Interviewed medical receptionist Sybil Antoniak for Dr Ross Prince, I advised Sybil that Dr. Ross Prince needs to comply with the Energy Management Protocol (EMP) and provide TSSA with a copy of the Geo report before the

Customer Signature & Position / Date:	Inspector Name: Maher, Terry	Inspector Contact Number: 647-789-2188
Report Received By: DR ROSS PRINCE	Customer Contact Number: 905 844 4383	Inspector Email: TMaher@tssa.org
		Inspector Fax: 647-789-2188

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)



**TECHNICAL STANDARDS
and SAFETY AUTHORITY**

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
Fax (416) 231-1626
www.tssa.org

FS Inspection Report

Service Request #	1081320
Inspection Report #	4432036

Inspection Address: 358 REYNOLDS ST OAKVILLE;ON CA L6J 3L9	Reference Number(s):	Inspection Completion Date: APR 12, 2013
	Facility Type:	Equipment Type:
Customer Name and Address: ROSS PRINCE 358 REYNOLDS ST OAKVILLE;ON CA L6J 3L9	Task Type: FS-Enforcement Action	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Customer Signature & Position / Date:		Inspector Name: Maher, Terry	Inspector Contact Number: 647-789-2188
Report Received By: DR ROSS PRINCE	Customer Contact Number: 905 844 4383	Inspector Email: TMaher@tssa.org	Inspector Fax: 647-789-2188

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.

(Note: This is not an invoice)

ENVIRONMENTAL INSPECTION AND TESTING SERVICES

REMOVAL OF UNDERGROUND STORAGE TANK AND
REMEDIATION OF CONTAMINATED SOILS AND GROUNDWATER



358 REYNOLDS STREET
OAKVILLE, ONTARIO

FOR

589027 ONTARIO INC.

BY



MARCH 2013

Distribution:

1 cc **Client**

1 cc **AiMS**

Report AR198B-12

AiMS Environmental previously commenced a Phase I ESA of the subject property in September 2012. One vent pipe, suspected to be associated with a former or existing heating oil UST, was observed entering the ground surface along the west wall. No documentation regarding the removal of the UST was available for review.

AiMS Environmental subsequently commenced a Phase II ESA of the subject property in October, 2012, which entailed the drilling of a total of five exterior boreholes to depths ranging between 3.8 to 4.6 m below the existing grade at strategically selected and accessible locations on the subject property. Groundwater monitoring wells were also installed in two selected boreholes, as shown in *Drawing 3*.

Representative "worse-case" soil samples were analyzed for PHCs, polycyclic aromatic hydrocarbons (PAHs), heavy metals, and volatile organic compounds (VOCs) at an independent accredited laboratory. In comparison with the 2011 Ontario *Soil, Ground Water, and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* (EPA) fine-textured soil criteria, the results of laboratory analyses on all eight soil samples and one groundwater sample indicated that the measured contaminant concentrations generally complied with the applicable Table 3 standards for possible future residential land uses, with the exception of one soil sample from Borehole 5 (BH5), which had exceedences for PHC fractions F₁ to F₃ and multiple PAH parameters. In addition, petroleum odours and an oily film/sheen were observed on the surface of purged groundwater from Monitoring Well 4 (MW4).

EXCAVATIONS, VERIFICATION SOIL SAMPLING AND ANALYSIS

The steel UST and subsequent excavation cavity was located outside of the west wall of the 3-storey medical building. Reportedly, the 1,000-gallon heating oil UST had been out-of-service for some time.

The UST was removed pursuant to the *Technical Standards and Safety Authority (TSSA)* document entitled *Environmental Management Protocol for Fuel Handling Sites in Ontario* (revised August 2012). This document applies to operations governed by the Technical Standards and Safety Act and associated Ontario Regulations (*O. Reg. 213/01* and *217/01*) and the *Liquid Fuels Handling Code* and *Fuel Oil Code*.

The excavation of the UST was performed between December 12 to 13, 2012 by VAL Environmental Inc., a licensed contractor and holder of TSSA Registration Number 0076560747. Utility lines were cleared and work permits were obtained by VAL Environmental Inc. prior to the commencement of work.

number of samples taken from the excavation walls and floor were in conformance or in excess of the minimum specified in accordance with MOE *Ontario Regulation 511/09* under the EPA "Minimum Confirmation Sampling Requirements for Excavation" (December 2009). The samples were subjected to headspace screening using the portable OVM. Since the floor area of the UST cavity was between 25 and 50 m², five "worst-case" soil samples (three from the sidewalls and two from the floor) were selected and submitted to *Maxxam Analytics Inc.*, an accredited environmental laboratory, for the analyses of PHCs by fractionation (F₁ to F₄) and PAHs.

Based on the residential and commercial use of the area, its hydrogeology and the fact that the groundwater is not used for drinking purposes, the appropriate site cleanup standards were determined to be the 2011 *Ontario Soil, Ground Water and Sediment Standards for Use Under Part XV.1* of the EPA Table 3 fine-textured soil criteria for proposed residential land use in a non-potable groundwater situation. The selection of the applicable MOE site assessment standards is schematically presented in *Figure 1*.

The results of the analyses are reported on the *Laboratory Certificates of Analyses* in *Appendix C*. These results indicate that the contaminant concentrations in the soil samples analyzed generally complied with the 2011 provincial standards, with the exceptions of one sidewall sample (S2-3, approximately 3 m below grade). The concentration of PHC fraction F₂ exceeded the EPA criterion.

Additional excavation was performed on December 18, 2012, thus widening the cavity. During this period, a total of 0.74 tonnes of contaminated soils were removed for off-site disposal and one additional sidewall sample (S2-3X) was collected and submitted for PHC analyses. Thereafter, the results of the analyses revealed that the measured contaminant concentrations in all soil samples (including S2-3X) complied with the current EPA Table 3 criteria.

During the course of the excavation, groundwater accumulated in the cavity and an additional 3,250 L of liquid was evacuated from the cavity. A copy of the liquid waste shipping document is also reproduced in *Appendix B*. During backfilling of the cavity, two recovery wells were installed for future groundwater evacuation at the locations shown in *Drawing 4*.

Imported crushed limestone from *Lafarge Canada* in Stouffville, Ontario and sand fill from *Mexco Excavation* were used to backfill the cavity. A composite sample of the sand fill was collected and submitted for heavy metals analyses, which complied with the EPA Table 1 Background criteria. The *Laboratory Certificate of Analysis* is also presented in *Appendix C*.

In evaluating the subject site, **AiMS Environmental** has relied in good faith on information provided by any individuals noted in the report. We assumed that the information provided is factual, accurate, and we accept no responsibility for any deficiency, misstatements, or inaccuracies contained in this report as a result of omissions, misrepresentation, or fraudulent acts of any persons interviewed or contacted.

It should be recognized that the passage of time affects the information provided in this report. Environmental conditions of a site can change. Opinions relating to the site conditions are based upon information that existed at the time the conclusions were formulated. It should also be noted that current environmental guidelines and regulations are subject to change; such changes, when put into effect, could alter the conclusions and recommendations noted through this report.

Sincerely,

AiMS Environmental



Damian Khan, B.Sc.
Environmental Scientist



Forry Fong, P.Eng.
Project Manager



Enclosures:

STATEMENT OF ASSESSOR QUALIFICATIONS

DRAWING 1	KEY MAP
DRAWING 2	SITE PLAN
DRAWING 3	IMPACTED BOREHOLE LOCATIONS
DRAWING 4	EXCAVATION AND SOIL SAMPLING PLAN

STATEMENT OF ASSESSOR QUALIFICATIONS

Damian Khan, B.Sc.

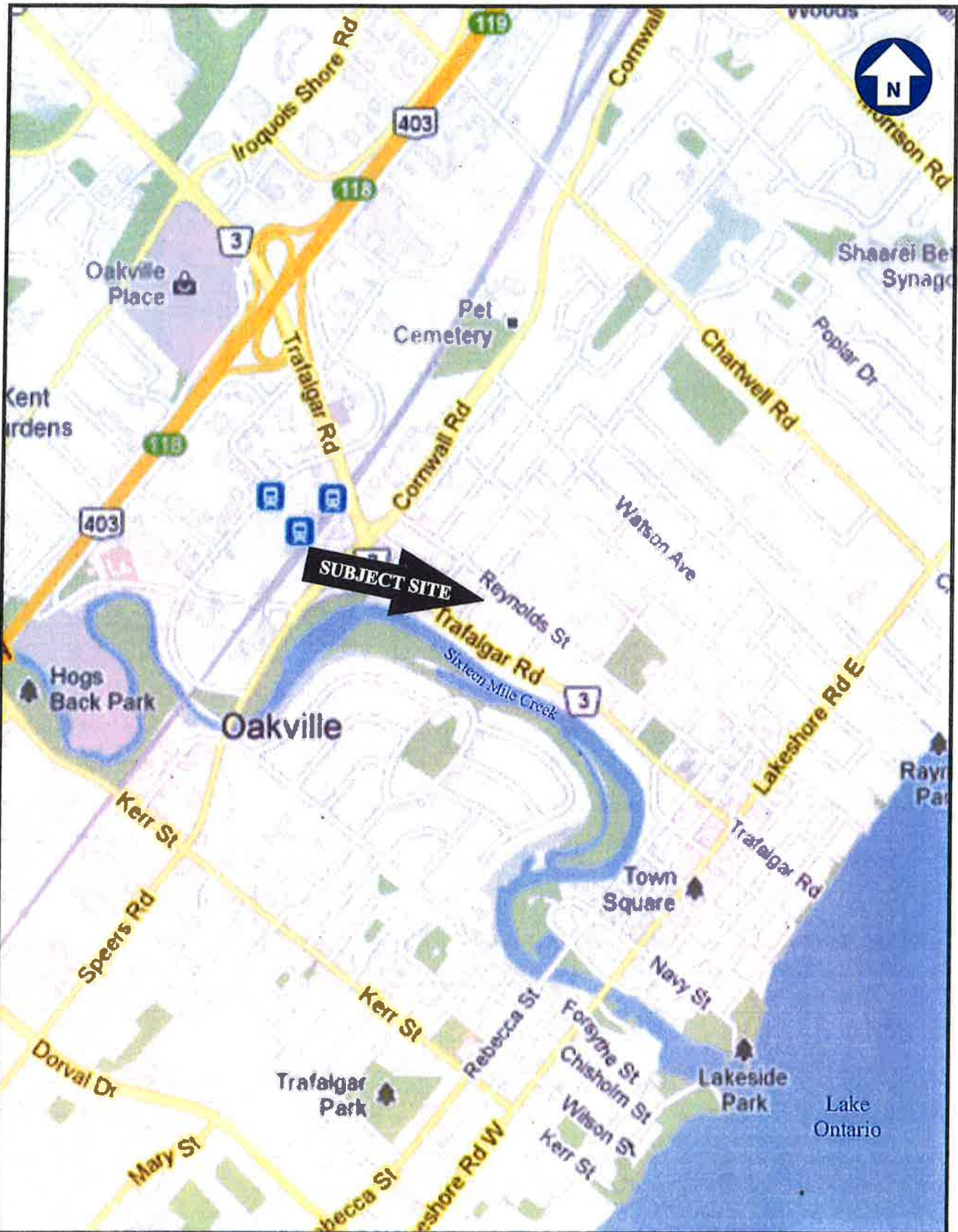
Phase I/II Environmental Site Assessments (ESAs)

This Phase I/II ESA report was conducted and written by Mr. Damian Khan, B.Sc., under the direction of Mr. Sidney Joseph, P.Eng., and/or Mr. Forry Fong, P.Eng., both Designated Consulting Engineers with *AiMS Environmental*.

Mr. Khan is a graduate of York University (Toronto, Ontario), with a Bachelor of Science (Honours) in Biology, and holds a Graduate Certificate in Environmental Management and Assessment from Niagara College (Niagara-on-the-Lake). He has over three years of experience in the environmental field conducting Phase I/One and Phase II/Two ESAs in accordance with the *Canadian Standards Association (CSA) Z768-01* and *Z769-00* environmental protocols, Schedules D and E of *Ontario Regulation 153/04*, the Consulting Engineers of Ontario's *Generally Accepted Standards for Environmental Investigations*, and the *Canadian Mortgage and Housing Corporation (CMHC)* environmental site investigation procedures for mortgage loan insurance.

Mr. Khan has also gained experience in conducting Designated Hazardous Material Inspections; specifically – the sampling, analyses, and identification of asbestos-containing materials (ACMs) and lead-based paints (LBPs).

rev. January 2013



KEY MAP

**358 Reynolds Street
Oakville, Ontario**



Date	Scale	Project	Drawing
MAR. 2013	N.T.S.	AR198B-12	1

*Contaminants as shown are in exceedence of the 2011 EPA Table 3 standards for residential land uses with fine-textured soils in a non-potable groundwater condition.



Single-Family Dwellings

MACDONALD ROAD

SITE

*Contaminated Soil
Sample 5-3 (2.74 to 3.05 m)
 F₁ = 210 vs 65 ug/g
 F₂ = 7800 vs 150 ug/g
 F₃ = 5800 vs 1300 ug/g
 Acenaphthylene = 0.6 vs 0.17 ug/g
 Anthracene = 1.3 vs 0.74 ug/g
 1-Methylnaphthalene = 26 vs 3.4 ug/g
 2-Methylnaphthalene = 44 vs 3.4 ug/g
 Naphthalene = 7 vs 0.75 ug/g
 Phenanthrene = 10 vs 7.8 ug/g

*Contaminated Groundwater
 (Water level @ 2.57 m bgs)
 Petroleum odour and oily film/sheen observed on surface of purged water.

Compliant Soil
Sample 4-5 (2.90 to 3.96 m)
 F₁ = 74 vs 150 ug/g
 F₂ = 65 vs 1300 ug/g

Compliant Soil
Sample 3-5 (2.90 to 3.05 m)
 F₂ = 120 vs 150 ug/g
 F₃ = 100 vs 1300 ug/g

Compliant Groundwater
 (Water level @ 2.60 m bgs)
 F₂ = 105 vs 150 ug/L
 F₃ = 113 vs 500 ug/L

Oakville Medical Arts

No. 358

3-Storey Building

Vent Pipe

BH 4/MW 4

BH 5

BH 3

BH 2

BH 1/
MW 1

REYNOLDS STREET

Single-Family Dwellings

No. 337

MacLachlan College

LEGEND

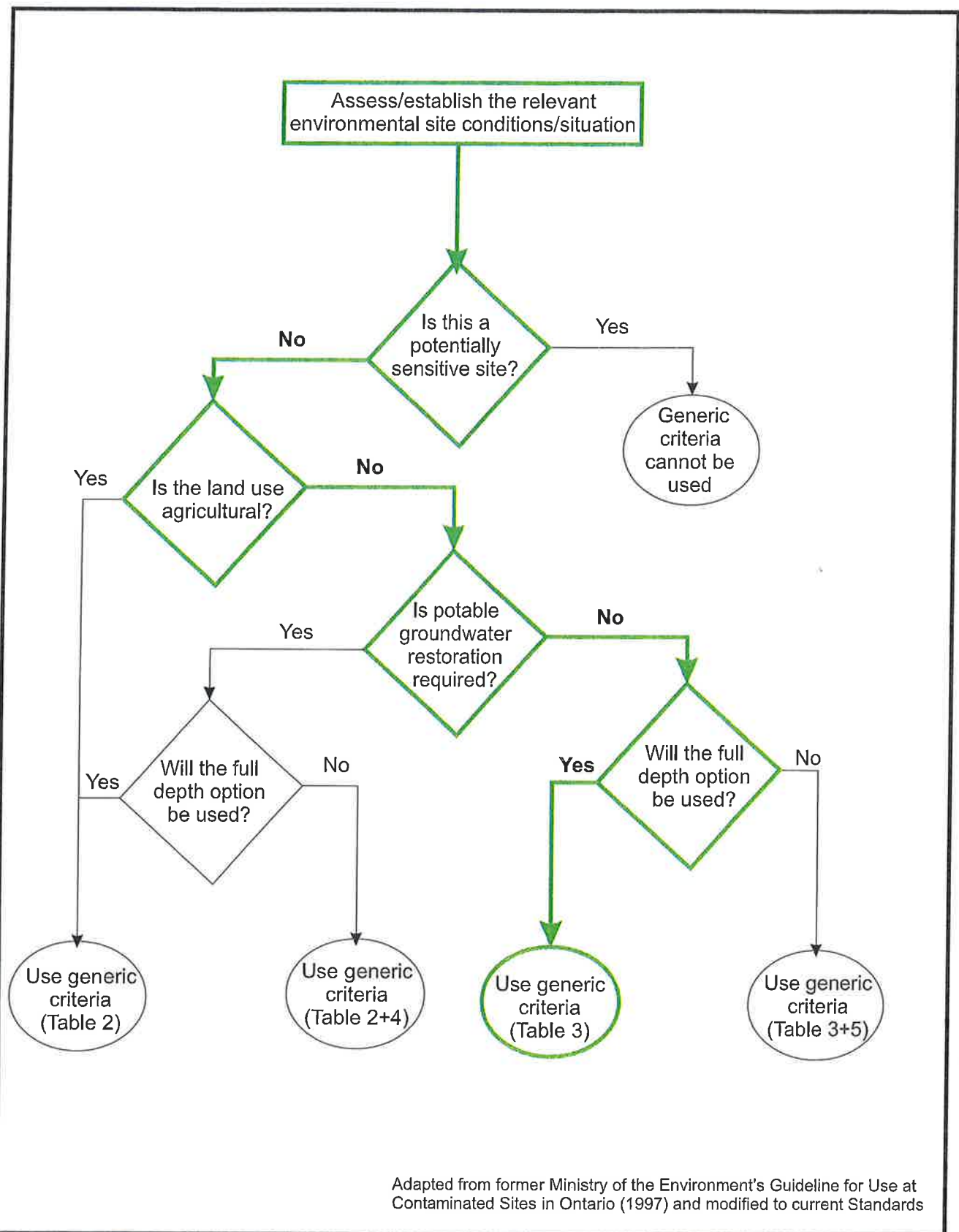
- BH 5 AiMS Borehole (October 30, 2012)
- BH 4/MW 4 AiMS Monitoring Well (October 30, 2012)
- bgs Below Ground Surface

IMPACTED BOREHOLE LOCATIONS

**358 Reynolds Street
 Oakville, Ontario**



Date	Scale	Project	Drawing
MAR. 2013	1:500	AR198B-12	3



Adapted from former Ministry of the Environment's Guideline for Use at Contaminated Sites in Ontario (1997) and modified to current Standards

SITE CRITERIA SELECTION

358 Reynolds Street
Oakville, Ontario

Date	Scale	Project	Figure
MAR. 2013	N.T.S	AR198B-12	1



Photograph 1 View of Exposed Underground Storage Tank



Photograph 2 Evacuation of Residual Fuel in Underground Storage Tank in Progress



Photograph 5 View of Excavation Cavity



Photograph 6 Backfilling of Excavation Cavity in Progress

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This document is to be used for the movement of goods and passengers.
It must be filled out in duplicate and submitted to the relevant authorities.
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<p>A Transporteur / Carrier Nom du transporteur / Carrier: AGS-REWEISS AN 8005 Adresse: VAT Environmentale / Recyclage Téléphone: Same as below Fax: n/a Code postal: 448 84 8344 Pays: FRANCE</p> <p>B Destinataire / Consignataire Nom du destinataire / Consignataire: Quimper Technologies Adresse: 4525 St-Jacques Téléphone: 458 9911 Code postal: 29000 Pays: FRANCE</p> <p>C Informations complémentaires Description des marchandises: 358 Brevets de Quantité: 358 Brevets de</p>	<p>D Informations sur les marchandises Description des marchandises: 358 Brevets de Quantité: 358 Brevets de</p> <p>E Informations sur le transporteur Nom du transporteur: AGS-REWEISS AN 8005 Adresse: 4525 St-Jacques Téléphone: 458 9911 Code postal: 29000 Pays: FRANCE</p>	<p>F Informations sur le destinataire Nom du destinataire: Quimper Technologies Adresse: 4525 St-Jacques Téléphone: 458 9911 Code postal: 29000 Pays: FRANCE</p> <p>G Informations sur le mouvement Date de mouvement: 12/2/2007 Heure de mouvement: 10:00</p>
<p>H Informations générales Type de mouvement: Exportation Code de mouvement: 221 T Date de mouvement: 12/2/2007 Heure de mouvement: 10:00</p>		
<p>I Informations de contact Nom de contact: Quimper Technologies Adresse: 4525 St-Jacques Téléphone: 458 9911 Code postal: 29000 Pays: FRANCE</p>		

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Attar Metals Inc.

1840 ROMANI COURT MISSISSAUGA, ONTARIO, L5T 1J1, CANADA
PHONE: (905) 876-1481 FAX: (905) 876-2183

Purchased From:

PRUNCE
588 REYNOLDS

PURCHASE TICKET

Ticket No: 628218
Date: December 12, 2012
Vehicle ID/Lic: VAL

Gross:	14740
Taxes:	13620
Plus:	1120

Quantity	Description	Unit	Price	Total	Tax	Amount
1	588 REYNOLDS					



Niagara Waste Systems Limited

Therold Inverline Road
 Thorold, Ontario L2E 6S4
 Scale House Tel: (905) 680-2495
 Please check ticket before leaving scale
 Have a nice day.

TICKET NO. NWP187359		Site Tracking#: 1128738		
CUSTOMER NO. 014980-0143	DATE 12/12/2012	ENTRY 11:34:35	DEPARTURE 11:56:56	
CUSTOMER Cash Sales - VMI Environmental			PROFILE	
ADDRESS			WO. NO.	
COMMENTS				

HALLER RST/R. Samara Transport Ltd		TRUCK NO. / LICENCE NO. RST527/4352YL		
GROSS 67810kg	TARE 28410kg	NET 47400kg		
In Scale 1		Out Scale 2		
VEHICLE TYPE 18	DESCRIPTION Dump			
WASTE TYPE 9390	DESCRIPTION 47.40 COVER MATERIAL			

CLASSIFIED C



Niagara Waste Systems Limited

Therold Townline Road
Therold, Ontario L2E 6S4
Scale House Tel (905) 680-2495

Please check ticket before leaving scale
Have a nice day.

Site Tracking# 1127054

TICKET NO. NW2188252		
CUSTOMER NO. 814986-8143	DATE 12/13/2012	ENTRY 11:51:46
CUSTOMER Cash Sales- VAL Environmental	DEPARTURE 12:15:27	
ADDRESS	PROFILE	
COMMENTS	WG NO.	

HALLER ETL/Elbyvale Transport Ltd	TRUCK NO. LICENSE NO. ETL526/1193TE
GROSS 54958kg In Scale 1	NET 37230kg
TARE 17728kg Out Scale 8	

VEHICLE TYPE 18	DESCRIPTION Dump
WASTE TYPE 9390	DESCRIPTION 37.23 COVER MATERIAL

APPENDIX C

LABORATORY CERTIFICATES OF ANALYSES

CLIENT: AMS Consulting Environmental Services

Maxxam Guideline Comparison Tables

PROJECT #: AR1998-42, MAXXAM, A03 : B2J6502
 BTEX, COME PETROLIUM HYDROCARBONS | 2011 Table 3-Mon-Portable GW - ResP/Ar/Al, (Fine Grained)
 MATRIX: SOIL

Note: 2001 Table 3-Mon-Portable GW - ResP/Ar/Al, (Fine Grained)

Select Guidelines from list above for comparison.

Parameter	Laboratory ID / Guideline ID	Sample ID	Guideline	Reporting	FINE		FSE		ER-3		W13-3		SZ-3		SZ-3 DUP-1		Matrix Spike	Spiked Blank	Method Blank
					PY7826	B2J6509	PY7827	B2J6509	PY7828	B2J6509	PY7829	B2J6509	PY7830	B2J6509	PY7830 DUP-1	B2J6509			
Benzene			0.17	ug/g			<0.020							<0.020			82	105	<0.020
Toluene			6	ug/g			<0.020							0.07			79	95	<0.020
Ethylbenzene			5	ug/g			<0.020							0.11			84	100	<0.020
m,p-xylene			NV	ug/g			<0.040							0.72			79	90	<0.040
o-xylene			NV	ug/g			<0.020							0.42			79	97	<0.020
Total Xylenes			55	ug/g			<0.040							1.1			72	92	<0.040
Fluorene			68	ug/g			<10							21			72	82	<10
Fluoranthene			150	ug/g			<10							20			86	89	<10
Pyrene			1300	ug/g			<10							450			NC	94	<10
Benzo(a)fluoranthene			5600	ug/g			<10							<10			92	95	<10
Benzo(a)pyrene			NV	ug/g			YES							YES			-	-	<10
Benzo(b)fluoranthene			4000	ug/g			YES							YES			-	-	<10

CRITERIA EXCEEDENCES WILL TURN BOLD WITH YELLOW BACKGROUND.
 BOLD WITH BLUE BACKGROUND INDICATES NON-DETECTED BUT HDL > GUIDELINE CRITERIA (DUE TO DILUTION ETC)

NOTES:

- 1. - = No value
- 2. Criteria refers to Ministry of Environment "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act" March 9, 2004, amended as of July 1, 2011
- 3. This table represents a summary of the data presented in the Laboratory Certificate of Analysis for convenience purposes only
- 4. This summary is to be used in conjunction with, not as a replacement of the Laboratory Certificate of Analysis which contains all QAC/QC information
- 5. Guidelines listing accuracy may vary guaranteed when result units correspond with guideline units on spreadsheet.

CLIENT: AIMS Consulting Environmental Services
 PROJECT #: AR198B-12, MAXXAM JOB : B2J9382

Maxxam Guideline Comparison Tables

INORGANIC PARAMETERS 2011 Table 1-Background - Res/Park/ Inst/Ind/ Comm/Comm'ty. (Fine Grained)
 MATRIX: SOIL

Select Guideline from list above for comparison.

Note: Window zoom values other than 75% may cause unstable performance** See Note #5 at bottom of sheet for more information about Guideline Flagging.

Sample ID	Guideline	REPORTING	Units	BACKFILL	S2-3X	S2-3X DUP 1	W13-3	Matrix Spike	Spiked Blank	Method Blank
Laboratory ID / Guideline ID	2011 Table 1-Background	LIMIT		QA3499	QA3500	QA3500 DUP 1	QA3501	99995	99998	99999
Maxxam Job #	Res/Park/ Inst/Ind/ Comm/Comm'ty			B2J9382	B2J9382	B2J9382	B2J9382	B2J9382	B2J9382	B2J9382
Units	ug/g	ug/g		ug/g						ug/g
Sampling Date	(Fine Grained)			18-December-2012	18-December-2012	18-December-2012	13-December-2012			
Antimony	1.3	0.20	ug/g	<0.20	-	-	-	90	100	<0.20
Arsenic	18	1.0	ug/g	1.7	-	-	-	99	103	<1.0
Berium	220	0.50	ug/g	10	-	-	-	NC	104	<0.50
Beryllium	2.5	0.20	ug/g	<0.20	-	-	-	97	101	<0.20
Boron (Hot Water Soluble)	NV	-	-	-	-	-	-	-	-	-
Cadmium	1.2	0.10	ug/g	<0.10	-	-	-	96	102	<0.10
Chromium	70	1.0	ug/g	5	-	-	-	96	104	<1.0
Chromium VI	0.66	-	-	-	-	-	-	-	-	-
Cobalt	21	0.10	ug/g	1.7	-	-	-	94	103	<0.10
Copper	92	0.50	ug/g	7.6	-	-	-	92	100	<0.50
Lead	120	1.0	ug/g	4.3	-	-	-	95	101	<1.0
Mercury	0.27	-	-	-	-	-	-	-	-	-
Molybdenum	2	0.50	ug/g	<0.50	-	-	-	90	96	<0.50
Nickel	82	0.50	ug/g	4	-	-	-	98	105	<0.50
Selenium	1.5	0.50	ug/g	<0.50	-	-	-	98	103	<0.50
Silver	0.5	0.20	ug/g	<0.20	-	-	-	96	104	<0.20
Thallium	1	0.050	ug/g	<0.050	-	-	-	84	90	<0.050
Vanadium	86	5.0	ug/g	8.9	-	-	-	97	102	<5.0
Zinc	290	5.0	ug/g	22	-	-	-	NC	105	<5.0
pH (pH Units)	NV	-	-	-	-	-	-	-	-	-
Conductivity (ms/cm)	0.57	-	-	-	-	-	-	-	-	-
Sodium Adsorption Ratio	2.4	-	-	-	-	-	-	-	-	-
Cyanide, Free	0.051	-	-	-	-	-	-	-	-	-
Chloride	NV	-	-	-	-	-	-	-	-	-
Boron (Total)	36	5.0	ug/g	<5.0	-	-	-	85	99	<5.0
Uranium	2.5	0.050	ug/g	0.18	-	-	-	94	99	<0.050

Criteria exceedences will turn BOLD with Yellow Background.

BOLD with Blue Background indicates non-detected but RDL > Guideline criteria (due to dilution etc)

NOTES:

NV = No value

1. Criteria refers to Ministry of Environment "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act" March 9, 2004, amended as of July 1, 2011
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5. Guideline flagging accuracy only guaranteed when result units correspond with guideline units on spreadsheet.

CLIENT: AMS Consulting Environmental Services
 PROJECT #: AR198B-12, MAXXAM JOB : B2J9382

Maxxam Guideline Comparison Tables

BTEX, COME PETROLEUM HYDROCARBONS | 2011 Table 3-Non-Potable GW - Res/Park/Inst, (Fine Grained)

MATRIX: SOIL

Select Guideline from list above for comparison.

Note: Zoom values other than 75% may cause unstable performance.

** See Note #5 at bottom of sheet for more information about Guideline Flagging.

Sample ID	Guideline	REPORTING	BACKFILL	S2-3X	S2-3X DUP 1	W13-3	Matrix Spike	Spiked Blank	Method Blank
Laboratory ID / Guideline ID	2011 Table 3-Non-Potable GW	LIMIT	QA3499	QA3500	QA3500 DUP 1	QA3501	99995	99998	99999
Maxxam Job #	Res/Park/Inst		B2J9382	B2J9382	B2J9382	B2J9382	B2J9382	B2J9382	B2J9382
Units	ug/g	ug/g	ug/g	ug/g	ug/g	13-December-2012	ug/g	ug/g	ug/g
Sampling Date	(Fine Grained)		18-December-2012	18-December-2012	18-December-2012				
Benzene	0.17	-							
TolUene	6	-							
Ethylbenzene	15	-							
m/p xylenes	NV	-							
o xylene	NV	-							
Total Xylenes	25	-							
F1 (C6-C10)	65	-							
F1 (C6-C10) - BTEX	65	-							
F2 (C10-C16)	150	10		<10	<10		93	90	<10
F3 (C16-C34)	1300	10		<10	<10		90	87	<10
F4 (C34-C50)	5600	10		<10	<10		94	91	<10
Reached Baseline at C50	NV			YES	YES				
F4 Gravimetric	5600	-							

Criteria exceedences will turn BOLD with Yellow Background.

BOLD with Blue Background indicates non-detected but RDL > Guideline criteria (due to dilution etc)

NOTES:

NV = No value

- Criteria refers to Ministry of Environment "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act" March 9, 2004, amended as of July 1, 2011
- This table represents a summary of the data presented in the Laboratory Certificate of Analysis for convenience purposes only
- This summary is to be use in conjunction with, not as a replacement of the Laboratory Certificate of Analysis which contains all QA/QC information
- New parameters indicated in the July 1, 2011 amendment, will appear at the bottom of each criteria page.
- Guideline flagging accuracy only guaranteed when result units correspond with guideline units on spreadsheet

CLIENT: AIMS Consulting Environmental Services
 PROJECT #: AR198B-12, MAXXAM JOB : B2J9382

Maxxam Guideline Comparison Tables

POLYCYCLIC AROMATIC HYDROCARBONS | 2011 Table 3-Non-Potable GW - Res/Park/Inst, (Fine Grained)

MATRIX: SOIL

Select Guideline from list above for comparison.

Note: Window zoom values other than 75% may cause unstable performance. ** See Note #5 at bottom of sheet for more information about Guideline Flagging.

Sample ID	Guideline	REPORTING	BACKFILL	S2-3X	S2-3X DUP 1	W13-3	Matrix Spike	Spiked Blank	Method Blank
Laboratory ID / Guideline ID	2011 Table 3-Non-Potable GW	LIMIT	QA3499	QA3500	QA3500 DUP 1	QA3501	99995	99998	99999
Maxxam Job #	Res/Park/Inst		B2J9382	B2J9382	B2J9382	B2J9382	B2J9382	B2J9382	B2J9382
Units	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
Sampling Date	(Fine Grained)		18-December-2012	18-December-2012	18-December-2012	13-December-2012	ug/g	ug/g	ug/g
Acenaphthene	58	0.0050		-	-	<0.0050	77	85	<0.0050
Acenaphthylene	0.17	0.0050		-	-	<0.0050	71	79	<0.0050
Anthracene	0.74	0.0050		-	-	<0.0050	73	80	<0.0050
Benzo(a)anthracene	0.63	0.0050		-	-	<0.0050	91	97	<0.0050
Benzo(a)pyrene	0.3	0.0050		-	-	<0.0050	84	92	<0.0050
Benzo(b)fluoranthene	0.78	0.0050		-	-	<0.0050	79	90	<0.0050
Benzo(ghi)perylene	7.8	0.0050		-	-	<0.0050	85	95	<0.0050
Benzo(k)fluoranthene	0.78	0.0050		-	-	<0.0050	91	101	<0.0050
Chrysene	7.8	0.0050		-	-	<0.0050	87	94	<0.0050
Dibenzo(a,h)anthracene	0.1	0.0050		-	-	<0.0050	99	109	<0.0050
Fluoranthene	0.69	0.0050		-	-	<0.0050	78	84	<0.0050
Fluorene	69	0.0050		-	-	<0.0050	85	93	<0.0050
Indeno(1,2,3-cd)pyrene	0.48	0.0050		-	-	<0.0050	87	97	<0.0050
1-Methylnaphthalene (SEE FOOTNOTE 6)	3.4	0.0050		-	-	0.0064	81	93	<0.0050
2-Methylnaphthalene (SEE FOOTNOTE 6)	3.4	0.0050		-	-	0.0064	78	90	<0.0050
Naphthalene	0.75	0.0050		-	-	<0.0050	68	80	<0.0050
Phenanthrene	7.8	0.0050		-	-	<0.0050	78	84	<0.0050
Pyrene	78	0.0050		-	-	<0.0050	80	85	<0.0050

Criteria exceedences will turn BOLD with Yellow Background.

BOLD with Blue Background indicates non-detected but RDL > Guideline criteria (due to dilution etc)

NCTES:

NV = No value

1. Criteria refers to Ministry of Environment "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act" March 9, 2004, amended as of July 1, 2011
2. This table represents a summary of the data presented in the Laboratory Certificate of Analysis for convenience purposes only
3. This summary is to be use in conjunction with, not as a replacement of the Laboratory Certificate of Analysis which contains all QA/QC information
4. New parameters indicated in the July 1, 2011 amendment, will appear at the bottom of each criteria page.
5. Guideline flagging accuracy only guaranteed when result units correspond with guideline units on spreadsheet.
6. WARNING: The methylnaphthalene standards are applicable to both 1-Methylnaphthalene and 2-Methylnaphthalene, with the provision that if both are detected the sum of the two must not exceed the standard.

CLIENT: AIMS Consulting Environmental Services
 PROJECT #: AR198B-12 , MAXXAM JOB : B2K0637

Maxxam Guideline Comparison Tables

BTEX, CCME PETROLEUM HYDROCARBONS | 2011 Table 3-Non-Potable GW - All Types of Property Use, (Fine Grained)

MATRIX: GROUND WATER

Select Guideline from list above for comparison.

Note: Window zoom values other than 75% may cause unstable performance. ** See Note #5 at bottom of sheet for more information about Guideline Flagging.

Sample ID	Guideline	REPORTING	MW4	Matrix Spike	Spiked Blank	Method Blank
Laboratory ID / Guideline ID	2011 Table 3-Non-Potable GW	LIMIT	QA9991	99995	99998	99999
Maxxam Job #	All Types of Property Use		B2K0637	B2K0637	B2K0637	B2K0637
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sampling Date	(Fine Grained)		19-December-2012			
Benzene	430	0.20	<0.20	93	93	<0.20
Toluene	18000	0.20	<0.20	90	91	<0.20
Ethylbenzene	2300	0.20	<0.20	103	105	<0.20
m/p xylenes	NV	0.40	0.66	95	94	<0.40
o xylene	NV	0.20	0.52	101	99	<0.20
Total Xylenes	4200	0.40	1.2	-	-	<0.40
F1 (C6-C10)	750	25	<25	83	102	<25
F1 (C6-C10) - BTEX	750	25	<25	-	-	<25
F2 (C10-C16)	150	100	480	105	99	<100
F3 (C16-C34)	500	100	500	94	92	<100
F4 (C34-C50)	500	100	<100	118	116	<100
Reached Baseline at C50	NV		YES	-	-	
F4 Gravimetric	500	-		-	-	

Criteria exceedences will turn BOLD with Yellow Background.

BOLD with Blue Background indicates non-detected but RDL > Guideline criteria (due to dilution etc)

NOTES:

NV = No value

1. Criteria refers to Ministry of Environment "Soil, Ground Water and and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act" March 9, 2004, amended as of July 1, 2011
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CLIENT: AIMS Consulting Environmental Services
 PROJECT #: AR198B-12 , MAXXAM JOB : B2K0637

Maxxam Guideline Comparison Tables

POLYCYCLIC AROMATIC HYDROCARBONS | 2011 Table 3-Non-Potable GW - All Types of Property Use, (Fine Grained) |

MATRIX: GROUND WATER

Select Guideline from list above for comparison.

Note: Window zoom values other than 75% may cause unstable performance. ** See Note #5 at bottom of sheet for more information about Guideline Flagging.

Sample ID Laboratory ID / Guideline ID Maxxam Job # Units Sampling Date	Guideline	REPORTING	MW4	Matrix Spike	Spiked Blank	Method Blank
	2011 Table 3-Non-Potable GW	LIMIT	QA9991	99995	99998	99999
	All Types of Property Use	ug/L	B2K0637	B2K0637	B2K0637	B2K0637
	(Fine Grained)		19-December-2012	ug/L	ug/L	ug/L
Acenaphthene	1700	0.050	0.4	103	103	<0.050
Acenaphthylene	1.8	0.050	<0.050	95	97	<0.050
Anthracene	2.4	0.050	0.23	91	89	<0.050
Benzo(a)anthracene	4.7	0.050	<0.050	101	90	<0.050
Benzo(a)pyrene	0.81	0.010	<0.010	97	78	<0.010
Benzo(b/j)fluoranthene	0.75	0.050	<0.050	109	96	<0.050
Benzo(ghi)perylene	0.2	0.050	<0.050	102	80	<0.050
Benzo(k)fluoranthene	0.4	0.050	<0.050	100	84	<0.050
Chrysene	1	0.050	<0.050	100	87	<0.050
Dibenzo(a,h)anthracene	0.52	0.050	<0.050	98	75	<0.050
Fluoranthene	130	0.050	0.069	105	99	<0.050
Fluorene	400	0.050	<0.70	96	96	<0.050
Indeno(1,2,3-cd)pyrene	0.2	0.050	<0.050	91	73	<0.050
1-Methylnaphthalene (SEE FOOTNOTE 5)	1800	0.050	1.2	79	80	<0.050
2-Methylnaphthalene (SEE FOOTNOTE 6)	1800	0.050	0.76	76	76	<0.050
Naphthalene	6400	0.050	0.31	87	80	<0.050
Phenanthrene	580	0.030	0.53	103	102	<0.030
Pyrene	68	0.050	0.13	115	101	<0.050

Criteria exceedences will turn BOLD with Yellow Background.

BOLD with Blue Background indicates non-detected but RDL > Guideline criteria (due to dilution etc)

NOTES:

NV = No value

1. Criteria refers to Ministry of Environment "Soil, Ground Water and and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act" March 9, 2004, amended as of July 1, 2011
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4. New parameters indicated in the July 1, 2011 amendment, will appear at the bottom of each criteria page.
5. Guideline flagging accuracy only guaranteed when result units correspond with guideline units on spreadsheet.
6. WARNING: The methylnaphthalene standards are applicable to both 1-Methylnaphthalene and 2-Methylnapthalene, with the provision that if both are detected the sum of the two must not exceed the standa

CLIENT: AIMS Consulting Environmental Services
 PROJECT #: AR198B-12 , MAXXAM JOB : B309529
 BTEX, CCME PETROLEUM HYDROCARBONS
 MATRIX: GROUND WATER

Maxxam Guideline Comparison Tables

2011 Table 3-Non-Potable GW - All Types of Property Use, (Fine Grained)

Select Guideline from list above for comparison.

Note: Window zoom values other than 75% may cause unstable performance.

** See Note #5 at bottom of sheet for more information about Guideline Flagging.

Sample ID	Guideline	REPORTING	MW4	Matrix Spike	Spiked Blank	Method Blank
Laboratory ID / Guideline ID	2011 Table 3-Non-Potable GW	LIMIT	QH4547	99995	99998	99999
Maxxam Job #	All Types of Property Use		B309529	B309529	B309529	B309529
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sampling Date	(Fine Grained)		21-January-2013			
Benzene	430	-		-	-	
Toluene	18000	-		-	-	
Ethylbenzene	2300	-		-	-	
m/p xylenes	NV	-		-	-	
o xylene	NV	-		-	-	
Total Xylenes	4200	-		-	-	
F1 (C6-C10)	750	-		-	-	
F1 (C6-C10) - BTEX	750	-		-	-	
F2 (C10-C16)	150	100	230	101	96	<100
F3 (C16-C34)	500	100	150	100	99	<100
F4 (C34-C50)	500	100	<100	103	100	<100
Reached Baseline at C50	NV		YES	-	-	
F4 Gravimetric	500	-		-	-	

Criteria exceedences will turn BOLD with Yellow Background.

BOLD with Blue Background indicates non-detected but RDL > Guideline criteria (due to dilution etc)

NOTES:

NV = No value

1. Criteria refers to Ministry of Environment "Soil, Ground Water and and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act" March 9, 2004, amended as of July 1, 2011
2. This table represents a summary of the data presented in the Laboratory Certificate of Analysis for convenience purposes only
3. This summary is to be use in conjunction with, not as a replacement of the Laboratory Certificate of Analysis which contains all QA/QC information
4. New parameters indicated in the July 1, 2011 amendment, will appear at the bottom of each criteria page.
5. Guideline flagging accuracy only guaranteed when result units correspond with guideline units on spreadsheet.

CLIENT: AIMS Consulting Environmental Services

Maxxam Guideline Comparison Tables

PROJECT #: AR198B-12 , MAXXAM JOB : B328687

BTEX, CCME PETROLEUM HYDROCARBONS | 2011 Table 3-Non-Potable GW - All Types of Property Use, (Fine Grained)

MATRIX: GROUND WATER | Select Guideline from list above for comparison.

Note: Window zoom values other than 75% may cause unstable performance. ** See Note #5 at bottom of sheet for more information about Guideline Flagging.

Sample ID	Guideline	REPORTING	MW4	Matrix Spike	Spiked Blank	Method Blank
Laboratory ID / Guideline ID	2011 Table 3-Non-Potable GW	LIMIT	QR0868	99995	99998	99999
Maxxam Job #	All Types of Property Use		B328687	B328687	B328687	B328687
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sampling Date	(Fine Grained)		26-February-2013			
Benzene	430	-		-	-	
Toluene	18000	-		-	-	
Ethylbenzene	2300	-		-	-	
m/p xylenes	NV	-		-	-	
o xylene	NV	-		-	-	
Total Xylenes	4200	-		-	-	
F1 (C6-C10)	750	-		-	-	
F1 (C6-C10) - BTEX	750	-		-	-	
F2 (C10-C16)	150	100	<130	113	108	<100
F3 (C16-C34)	500	100	<130	101	98	<100
F4 (C34-C50)	500	100	<130	100	96	<100
Reached Baseline at C50	NV		YES	-	-	
F4 Gravimetric	500	-		-	-	

Criteria exceedences will turn BOLD with Yellow Background.

BOLD with Blue Background indicates non-detected but RDL > Guideline criteria (due to dilution etc)

NOTES:

NV = No value

1. Criteria refers to Ministry of Environment "Soil, Ground Water and and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act" March 9, 2004, amended as of July 1, 2011
2. This table represents a summary of the data presented in the Laboratory Certificate of Analysis for convenience purposes only
3. This summary is to be use in conjunction with, not as a replacement of the Laboratory Certificate of Analysis which contains all QA/QC information
4. New parameters indicated in the July 1, 2011 amendment, will appear at the bottom of each criteria page.
5. Guideline flagging accuracy only guaranteed when result units correspond with guideline units on spreadsheet.



*Oakville
Medical Arts*

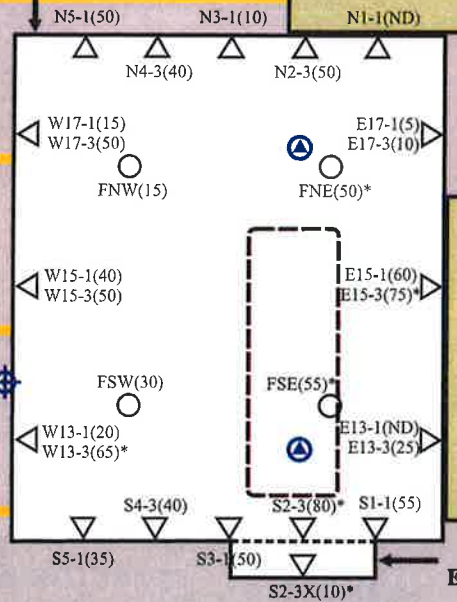
No. 358

**3-Storey
Building**

**Initial
Excavation Area**

6.5 m
(approx.)

**BH4/
MW4**



**Additional
Excavation Area**

6 m (approx.)

LEGEND

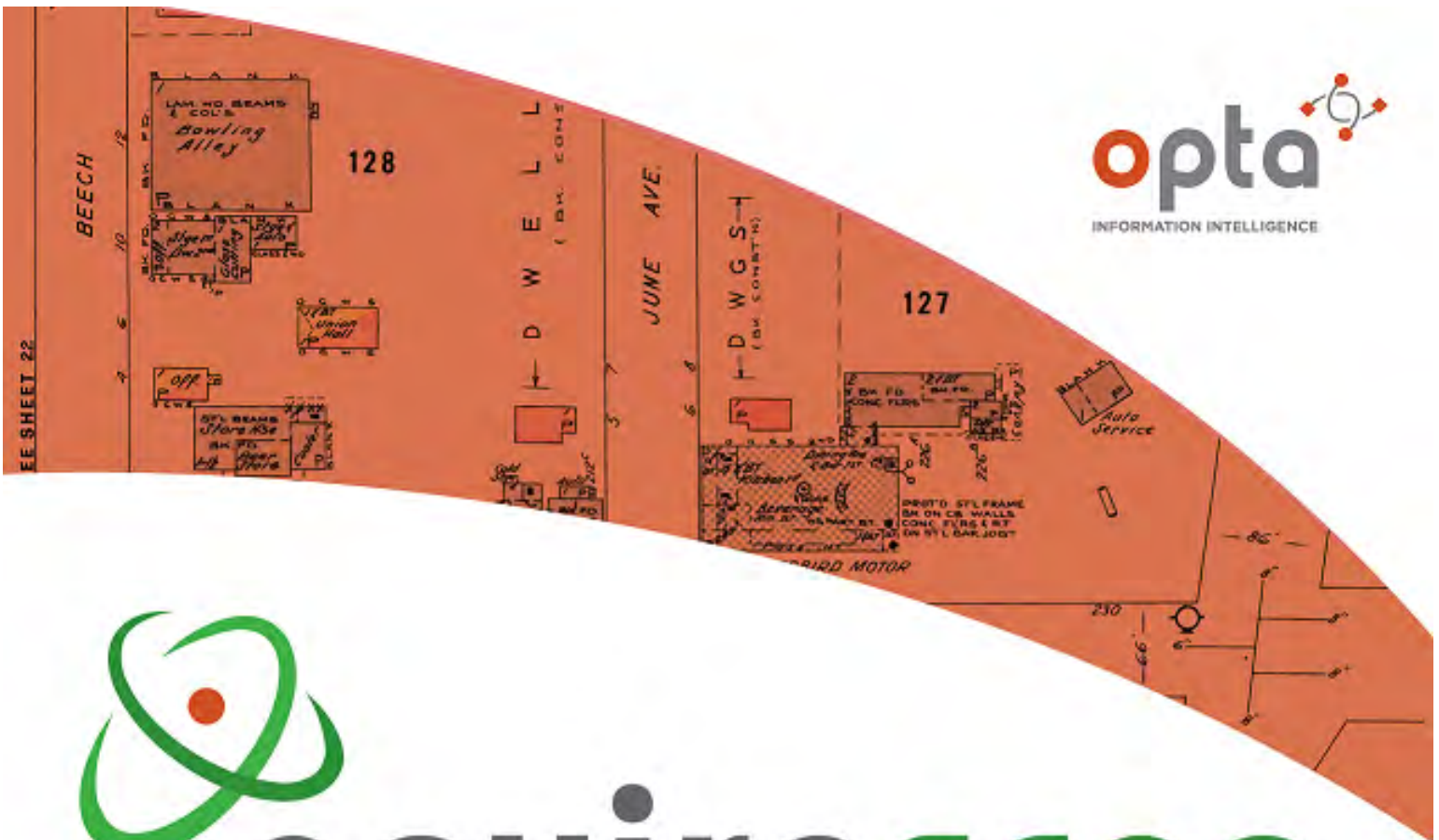
- Location of Underground Storage Tank
- AiMS Monitoring Well (October 30, 2012)
- VAL Recovery Well (December 18, 2012)
- Excavation Floor Sampling Location (at a depth of approx. 4 m)
- Excavation Wall Sampling Location (at depths of approx. 1 m and 3 m)
- () Soil Vapour Reading in Parts Per Million (ppm) or Non-Detectable (ND)
- * Sample Submitted for Laboratory Analysis

EXCAVATION AND SOIL SAMPLING PLAN

**358 Reynolds Street
Oakville, Ontario**



Date	Scale	Project	Drawing
MAR. 2013	1:100	AR198B-12	4



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Swati

Site Address:

358 Reynolds Street Oakville ON Canada

Project No:

20191129027

Opta Order ID:

68856

Requested by:
Eleanor Goolab
ERIS

Date Completed:
12/18/2019 7:26:53 AM



The blue-coloured flags represent inspection reports below that are hyperlinked to their location in this document.



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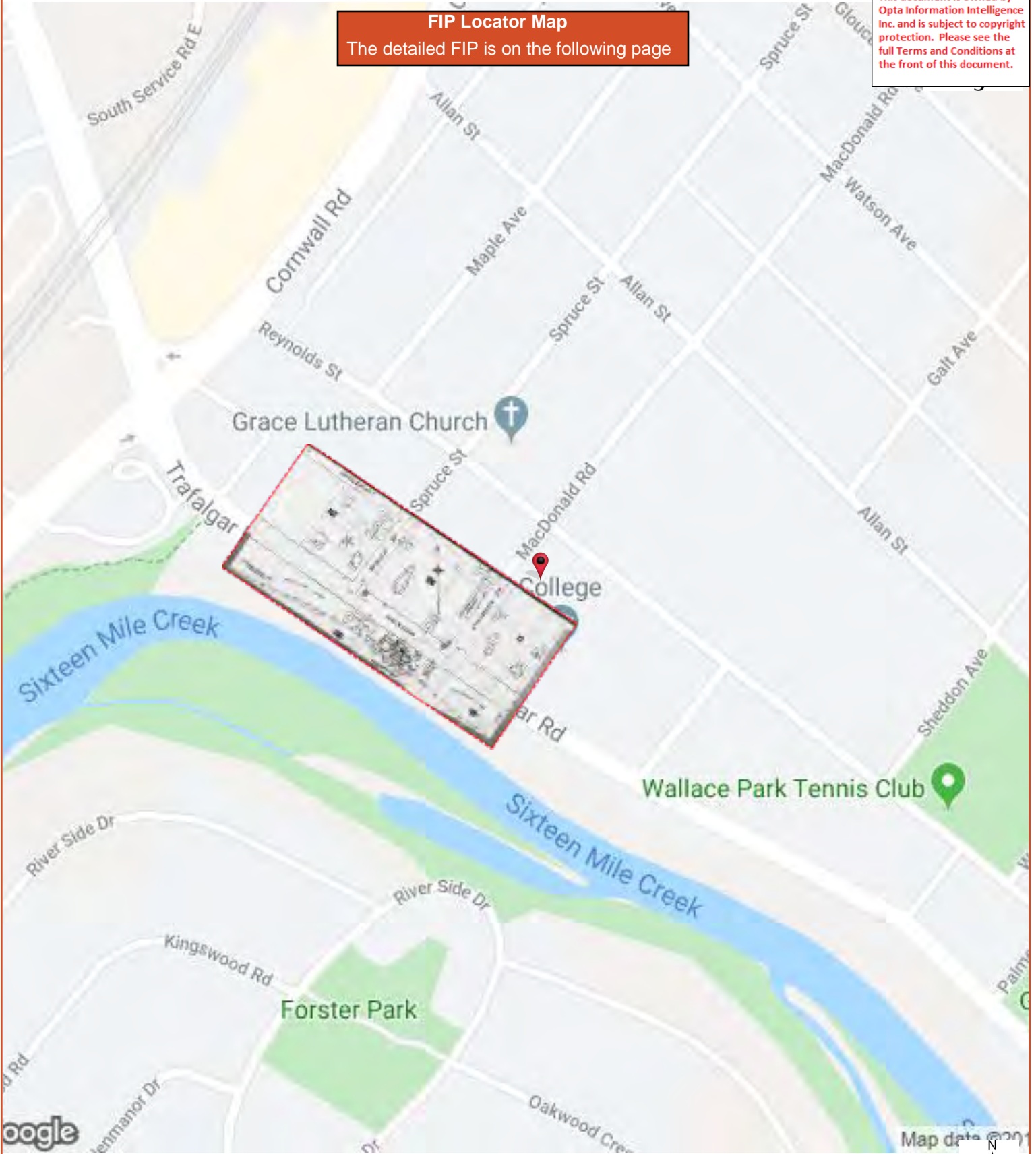
Page Report Title

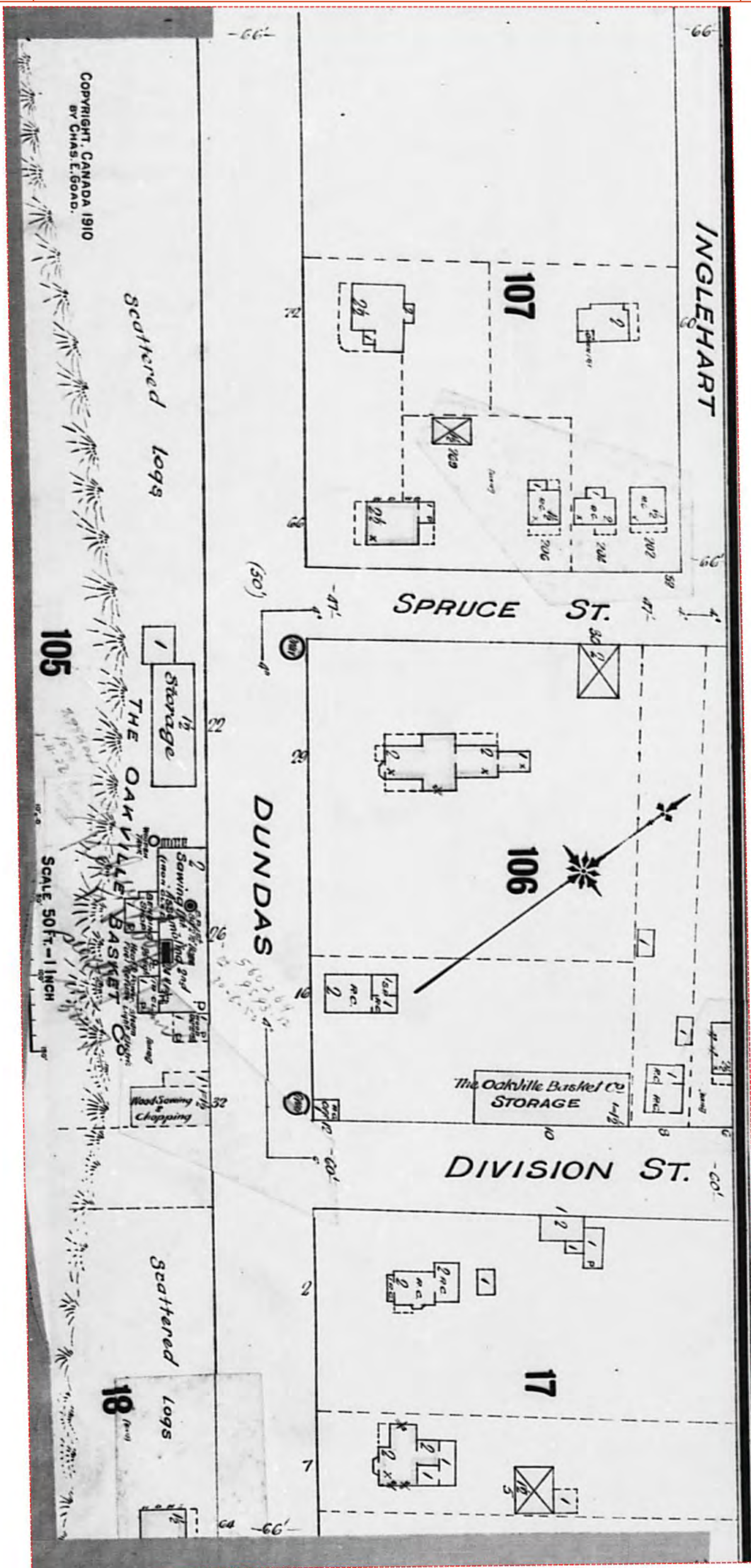
6	(1913) Volume: Oakville Firemap: 1
8	(1932) Volume: Ontario Firemap: 8
10	(1932) Volume: Oakville Firemap: 8
12	(1932) Volume: Oakville Firemap: 9
14	(1932) Volume: Ontario Firemap: 9
16	(1967) Volume: Oakville Firemap: 64
18	(1967) Volume: Oakville Firemap: 67
19	(1989) COPE Report - 1989 OAKVILLE MEDICAL CENTRE 358 REYNOLDS ST OAKVILLE ON L6J 3L9 Reference No: 11322538 (distance = 44 metres*)
22	(2014) Risk Basic Survey Report Report - 2014 OPA0175 & OAKVILLE MEDICAL ARTS DRUGS LTD. 358 Reynolds Street Oakville ON L6J3L9 (distance = 0 metres*)



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FIP Locator Map
The detailed FIP is on the following page

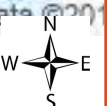


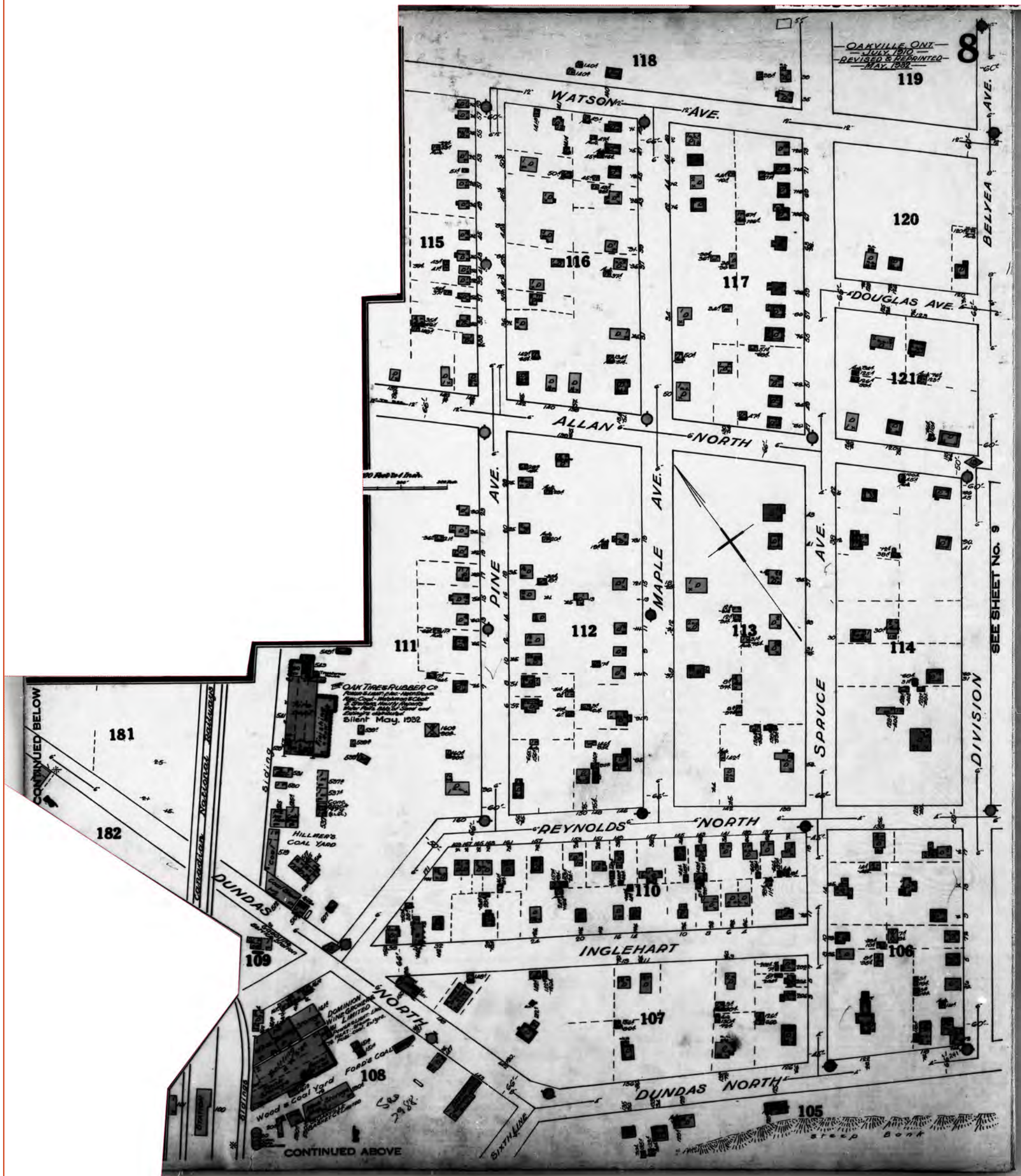


FIP Locator Map
The detailed FIP is on the following page

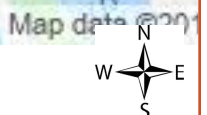


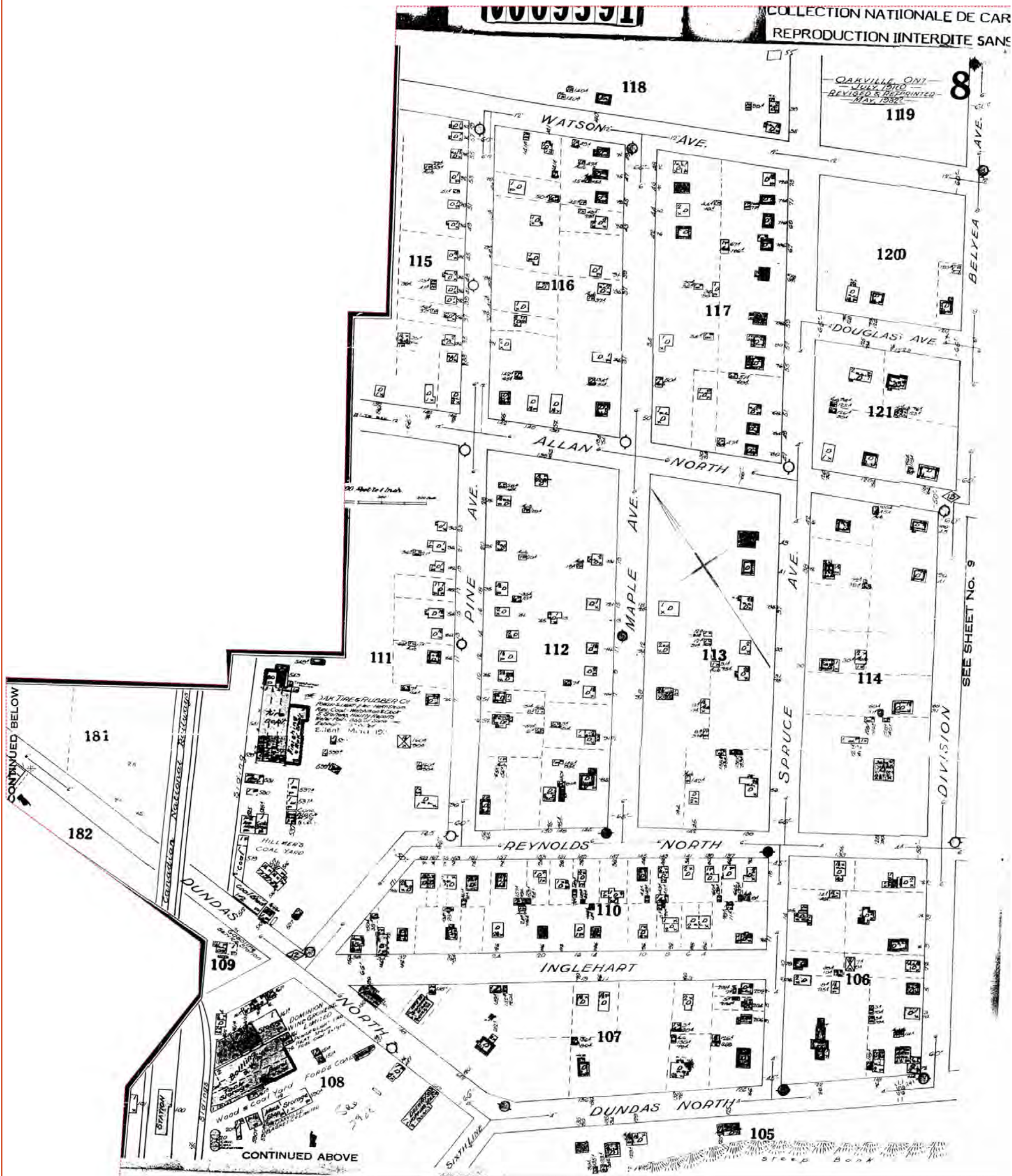
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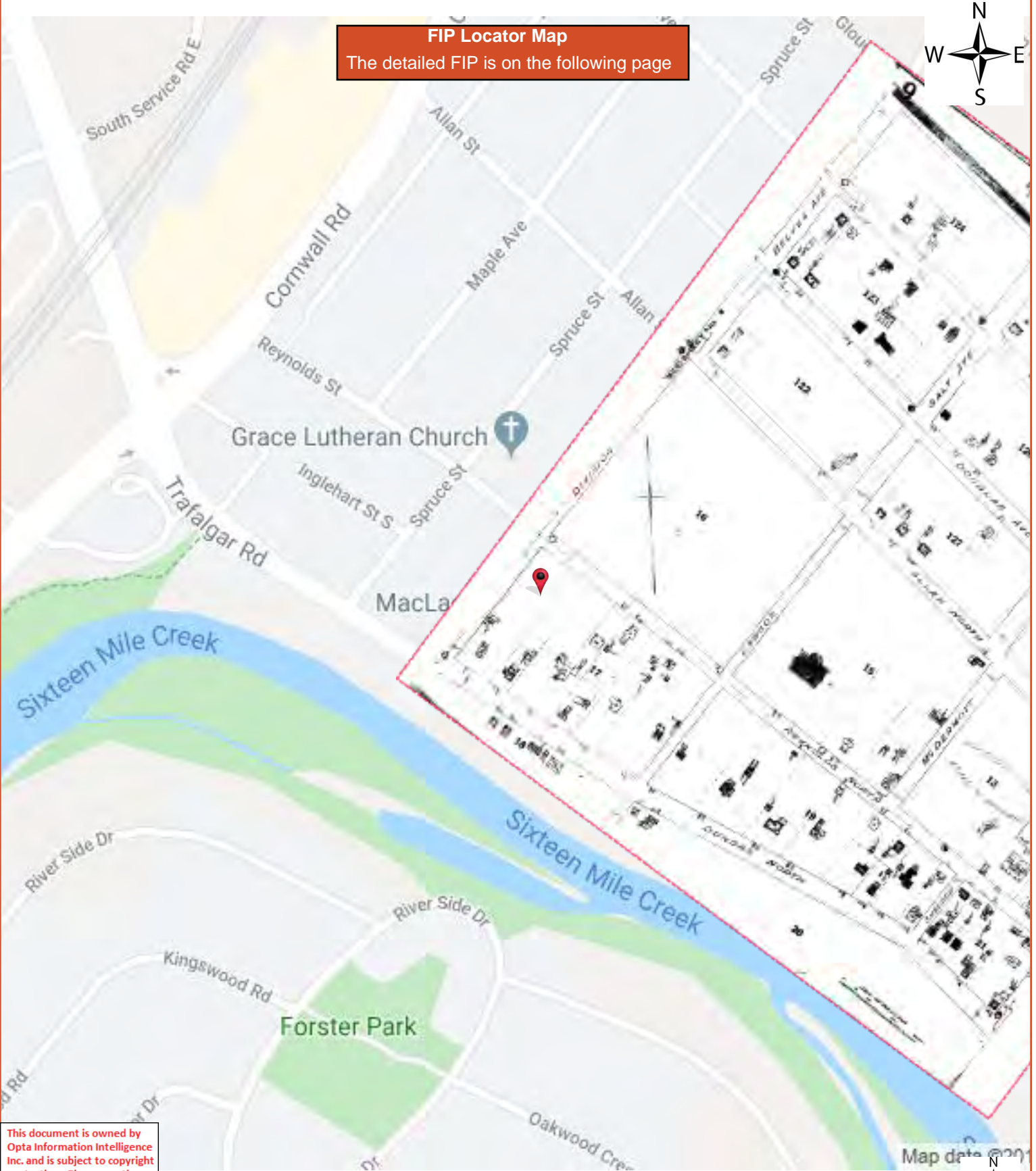




FIP Locator Map
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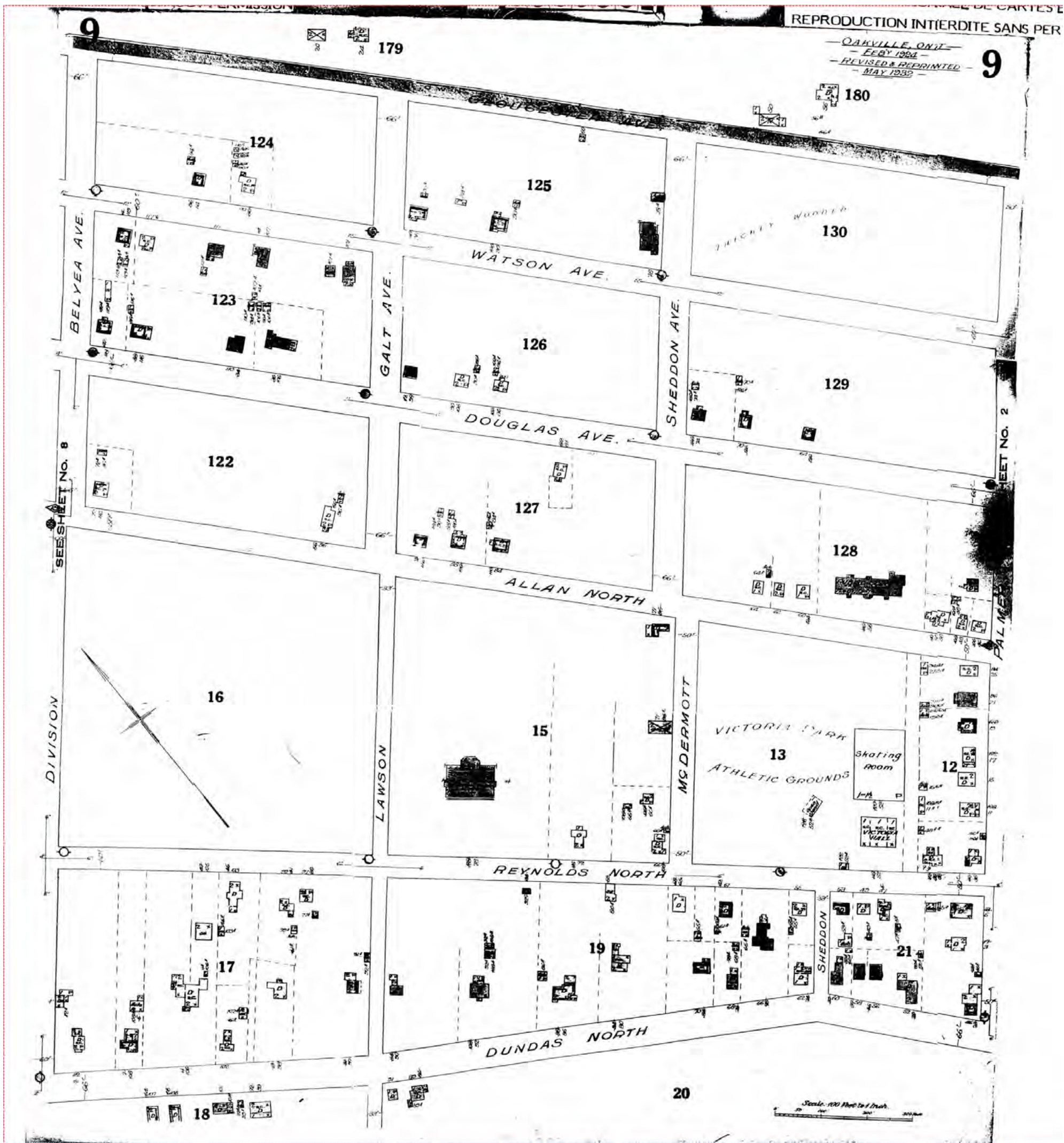




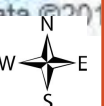
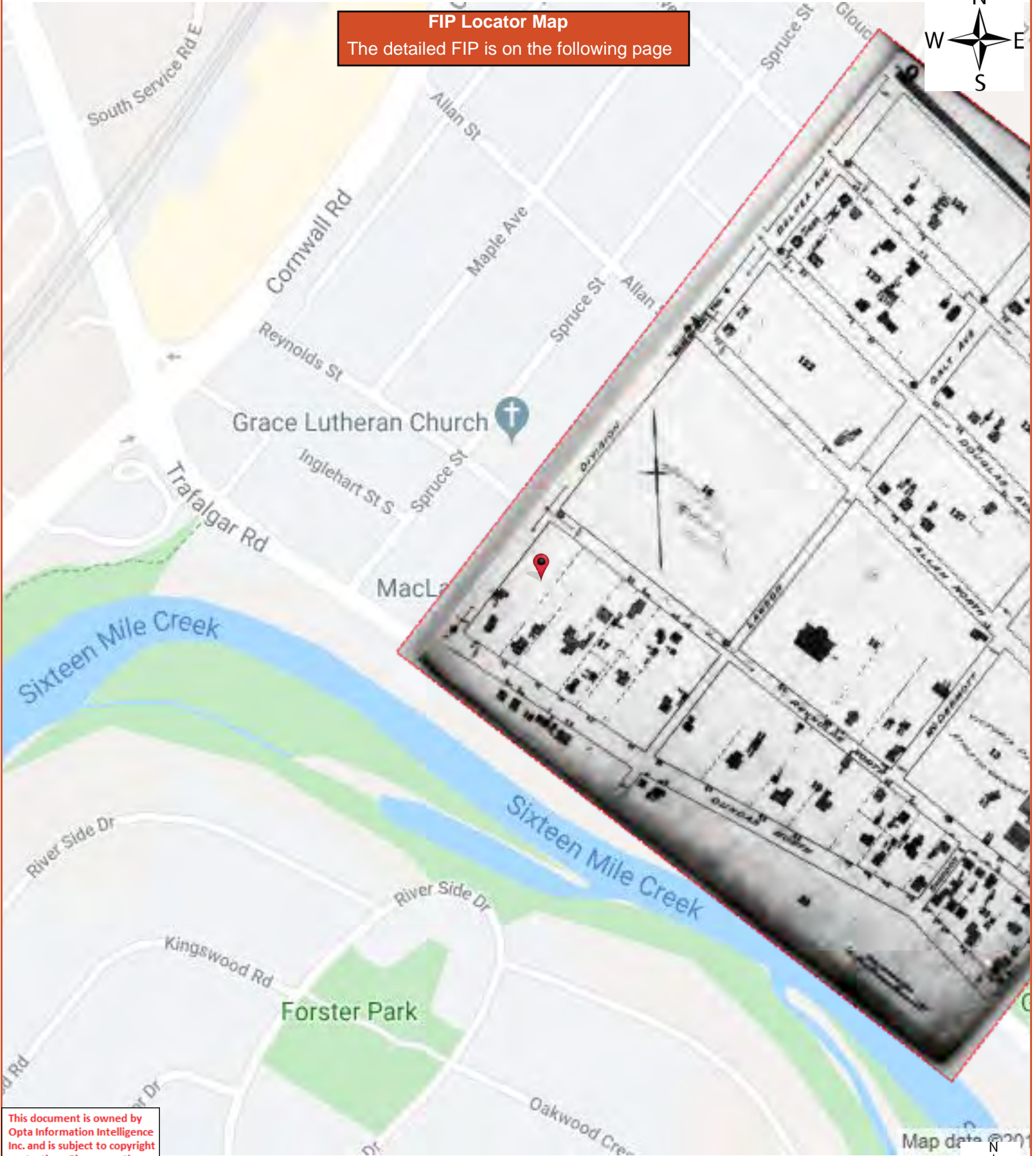


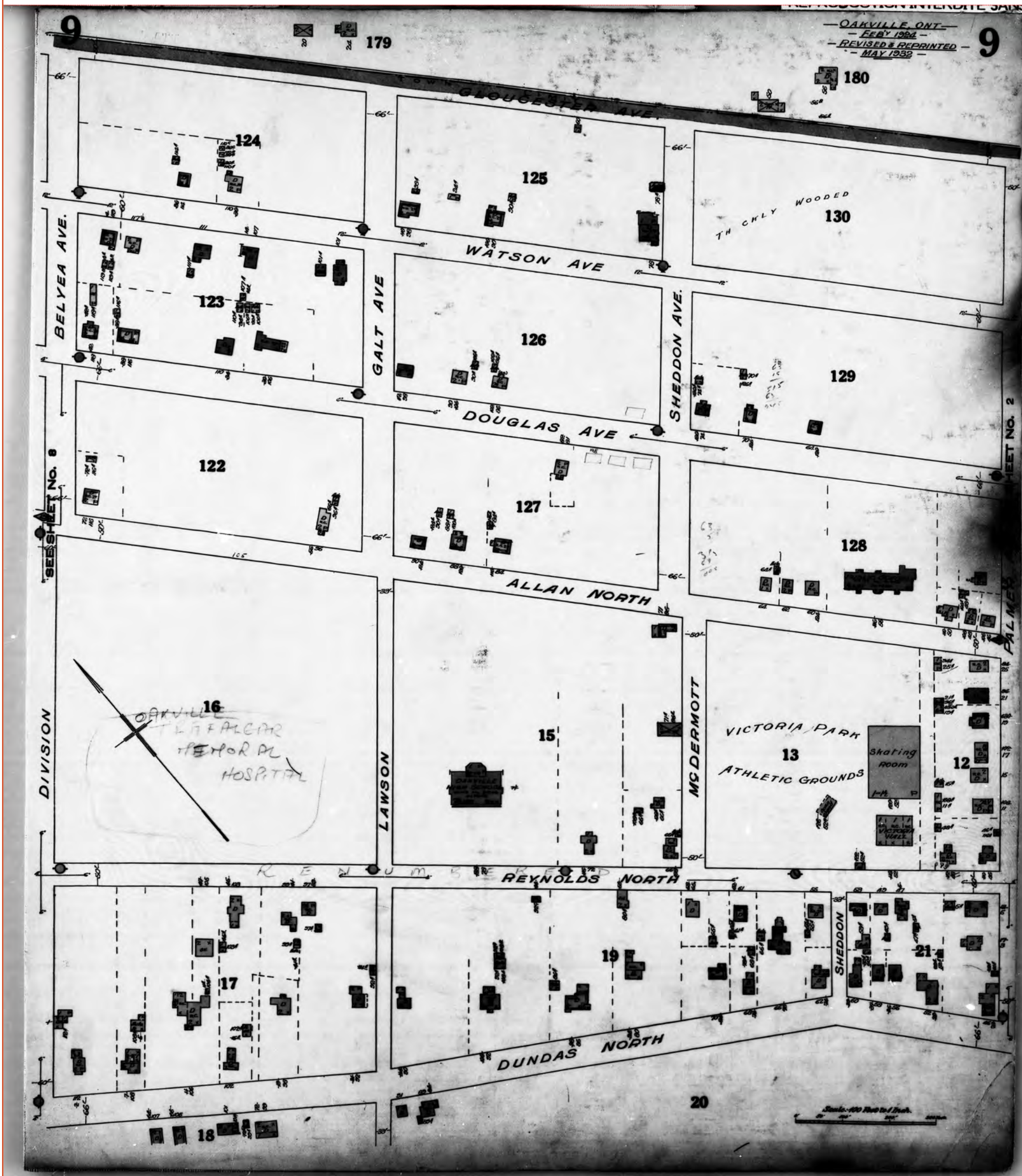
FIP Locator Map
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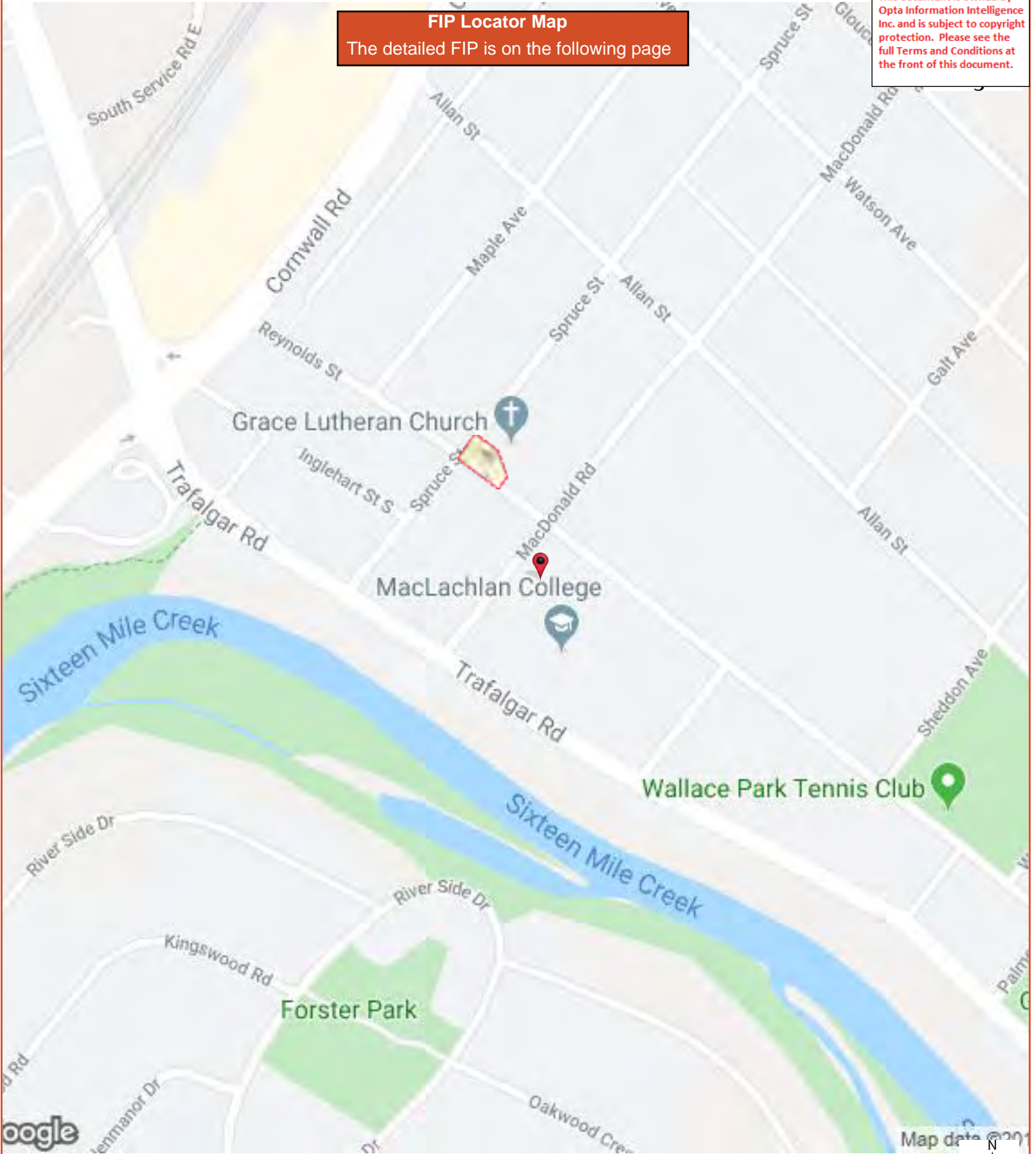
FIP Locator Map
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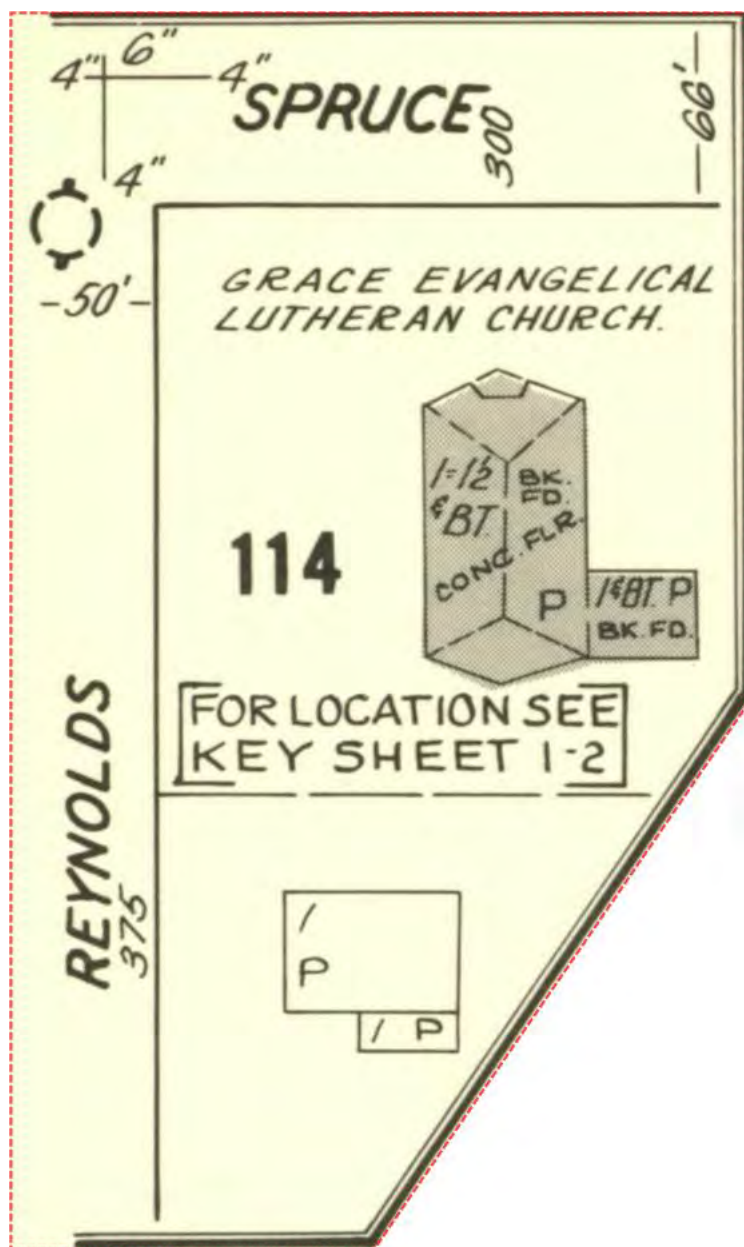




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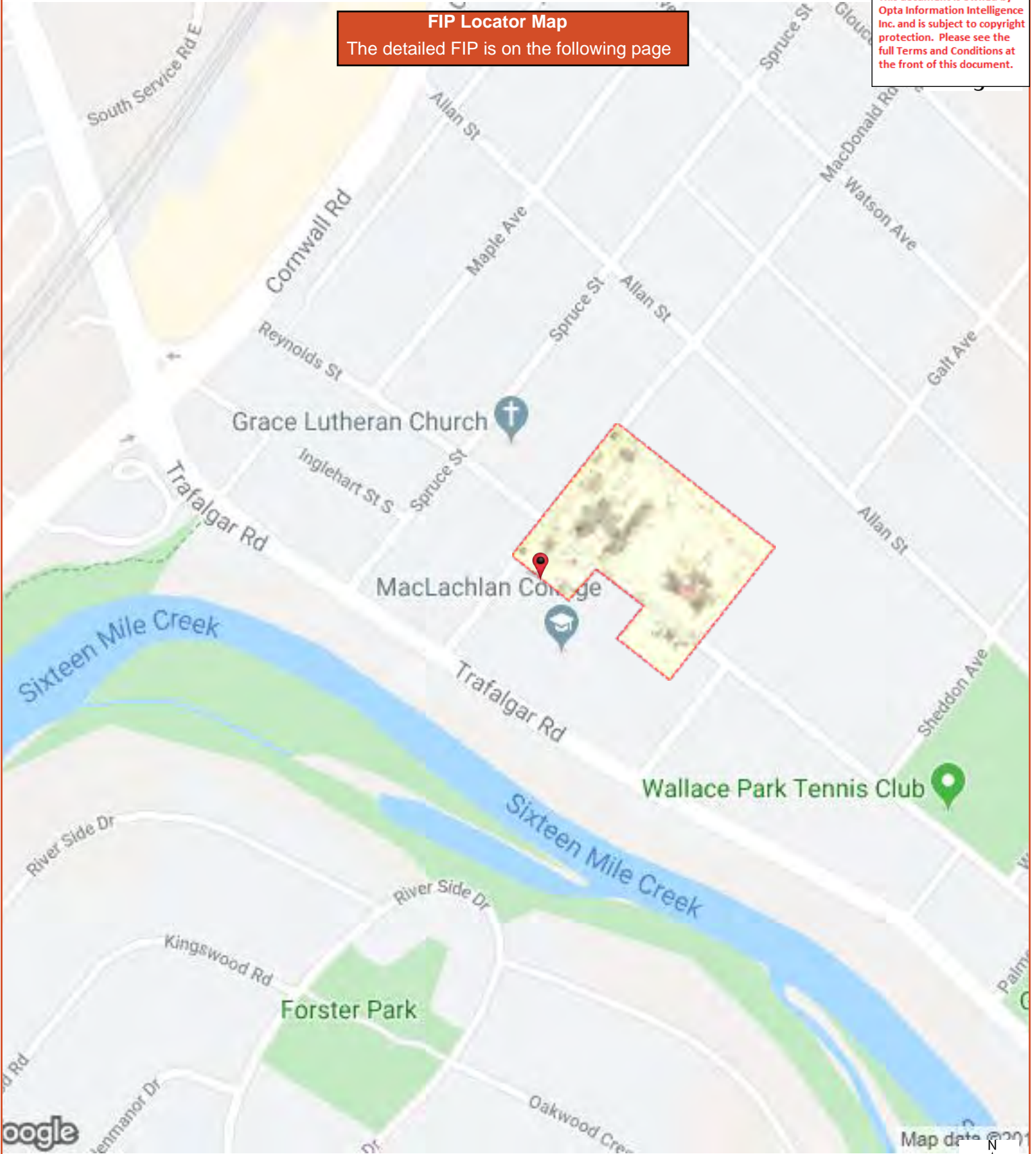
FIP Locator Map
The detailed FIP is on the following page

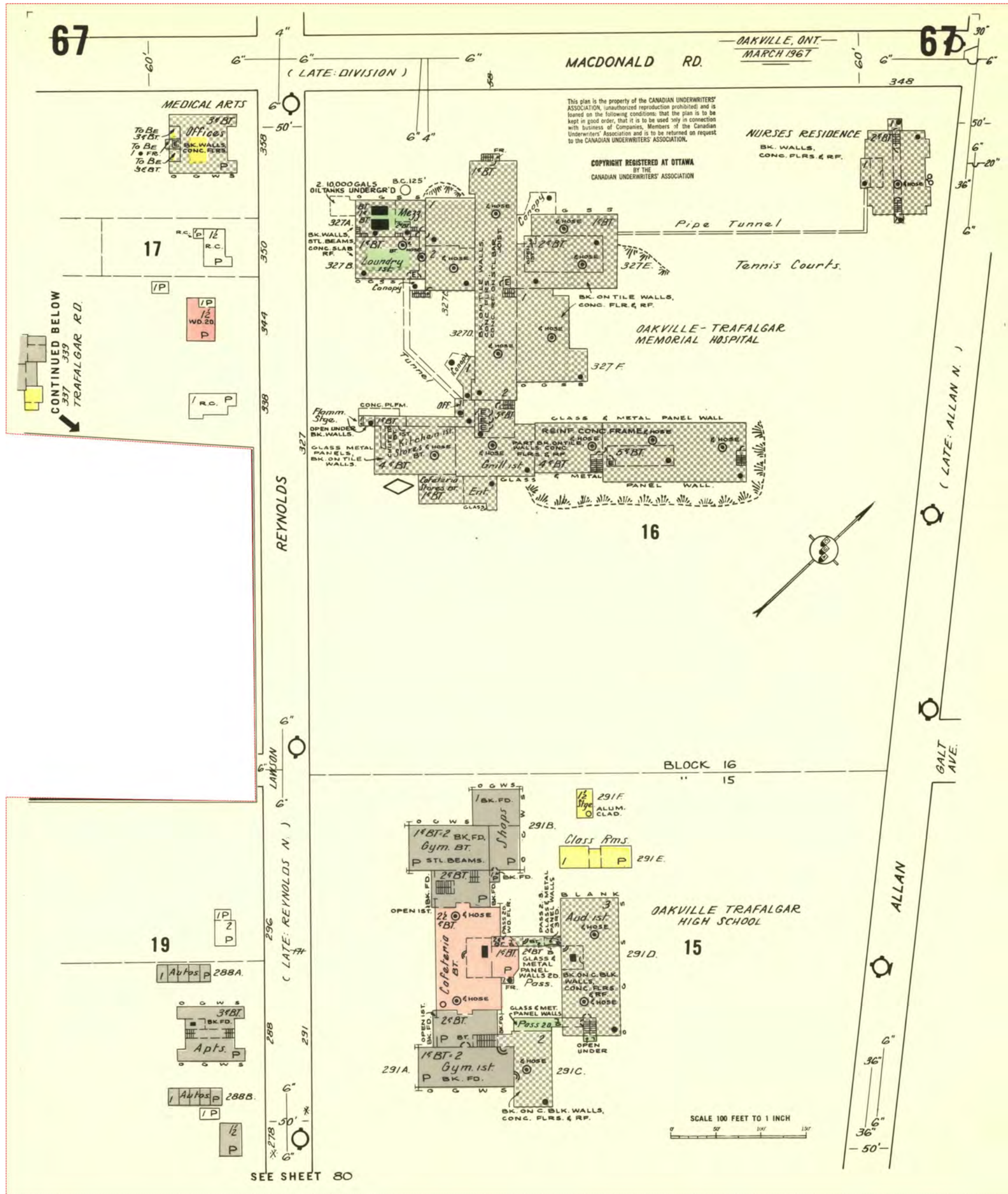




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FIP Locator Map
The detailed FIP is on the following page







AIS Ref No.: 11322538

INSURERS' ADVISORY ORGANIZATION 2008-Nov-17
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COPE (Construction, Occupancy, Protection, Exposure) REPORT

Risk: OAKVILLE MEDICAL CENTRE
358 REYNOLDS STREET
OAKVILLE, ONTARIO
?

Reference No. 11322538 / Building No. 01

(Surveyed By M. CANARIO on 12 JAN 89)

Please note that the information contained in this report was gathered during a physical inspection of the risk by an IAO Loss Control Representative.

If you wish to obtain building or contents rates for this risk, please refer to the Rate Card in the list of products available for this risk. Please call the IAO Help Desk or your local IAO Representative for help in obtaining a rate for this risk, or do it yourself by going to www.iao.ca and using the New X-rate to generate a new rate yourself.

IAO reports, prepared in compliance with commonly accepted risk control standards existing at the time services are rendered, are developed from an inspection of the premises and/or from data supplied by or on behalf of the Purchaser. IAO does not purport to list all hazards. While changes and modifications referred to in the reports are designed to upgrade protection and loss prevention of the premises, IAO assumes no responsibility for management and control of these activities. IAO will not be responsible to the Purchaser for any loss or damages, whether consequential or other, however caused, incurred or suffered, as a result of the service being provided.

----- CODING -----

Industry Code: 651 - Office Buildings - (10 storeys or less)
Construction Code: 1 - Fire Resistive
Risk Classification: NS - Non-Sprinklered
Protection Code: 4 - Non-Sprinklered, Semi-Protected, Gr 5-7
Combustibility L2

----- CONSTRUCTION -----

WALLS - MASONRY:
100% C.B.B.F. WALLS 300mm Thick C-2 Type: W-1

PANEL in MASONRY or FIRE RESISTIVE WALLS:
25% GLASS PANELS C-1

MASONRY and FIRE RESISTIVE FLOOR and ROOFS:
75% REINFORCED CONC FLOORS Hours: 3.00 Listed? U Type: D-1





AIS Ref No.: 11322538

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FLOORS & ROOFS - COMBUSTIBLE:

25% PLAND/WOOD JOIST ROOF C-2

----- SECONDARY CONSTRUCTION -----

HEIGHT:

Number of Storeys: 3
Basements: Y

Combustible Storeys Without Grade Access: 0

VERTICAL OPENINGS:

BST- 3RD OPEN Comb.: L2 Const.: 1
Type: Open (V-4) 0 Hrs-Walls/ 0 Hrs-Doors

AREA:

Grade: 423 m2 Total: 1691 m2 Effective: 423 m2

L1, L2 Area 94%

ROOF SURFACE:

100 % APPROVED

BUILDING CONDITION:

GOOD Type C-.

Year Built: 1950'S Air Conditioning: 75% WINDOW UNITS

Basement: FINISHED

Elevators: (1) PASSENGER

COMMON HAZARDS: 7211A1 - OIL FIRED HOT WATER

----- PROTECTION -----

MUNICIPAL PROTECTION:

Distance from Hydrants: STANDARD Congested Area: NO
Distance to Fire Hall: STANDARD Accessibility: GOOD
FUS Protection Class: 05
Revised Class: 05
IAO Protection Class: 05

INTERNAL PROTECTION:

MANUAL FIRE FIGHTING EQUIPMENT: Portable Fire Extinguishers
Standpipe and Hose

----- EXPOSURE -----

NONE NOTED:

----- OCCUPANCY - AMHERST DISPENSARY & SURGICAL SUPPLIES: -----





AIS Ref No.: 11322538

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Industry Code: 591 - Druggists
Occupancy: 5222A - RET DRUGS/MEDICAL SUPPS
Location: BST Area: 106 m2 6.3% of Total
Combustibility Code: M3 - Combustible
Susceptibility Code: S4 - Heavy Damage

----- OCCUPANCY - OAKVILLE MEDICAL CENTRE: -----

Industry Code: 808 - Medical and Dental Laboratories and Medical S
Occupancy: 5381 - MEDICAL OFFS/LABORATORY
Location: B-3RD Area: 1587 m2 937.0% of Total
Combustibility Code: L2 - Limited Combustibility
Susceptibility Code: S2 - Slight Damage

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Risk Basic Survey Report Report - 2014 OPA0175 & OAKVILLE MEDICAL ARTS DRUGS LTD. 358 Reynolds Street Oakville ON L6J3L9



Risk Basic Survey Report

ACCEPTABLE WITH RECOMMENDATIONS

Loss Control Services

Company Name OPA0175 & OAKVILLE MEDICAL ARTS DRUGS LTD.
 Location 358 REYNOLDS ST
 OAKVILLE, ON
 L6J 3L9

Policy
 Date of Survey 07/05/2014
 Consultant CHRIS BROWN
 Contact at Risk Brad Abdel-Malak, Owner

SUMMARY

Construction Class	1	FUS Grade	3	Industry Code	5912-00
Sprinkler Protection	NONE	Hydrants < 150 m	YES	Fire Hall < 5 km	YES
Property/All Risk	Loss Exposure	MODERATE	Deficiencies	MINOR, SEE SECTION A	
Crime	Loss Exposure	HGH	Deficiencies	MINOR, SEE SECTION B	
Liability	Loss Exposure	HIGH	Deficiencies	NONE	
Moral Hazard	NO				
Overall Assessment	ACCEPTABLE BUT RECS WOULD IMPROVE OVERALL RISK				
Requirements	NONE				
Recommendations	RISK IMPROVEMENT RECOMMENDATIONS				
(Total: 2)	The security system should be reviewed. A fire extinguisher should be provided.				
Follow-up Plan	REQUEST RESURVEY AS PER ORDERING GUIDELINES				
Additional Comments	Scheduling the appointment with the insured was difficult. The insured did not understand the need for the inspection as he no longer owned the building. The broker was able to get in touch with the insured after some time and communicate the request.				

A. PROPERTY / ALL RISK

1. Occupancy

a) Description The insured operates as Medical Arts Drugs and is located in the basement level of the Medical Arts building. The building is located across the street from the Oakville-Trafalgar Memorial Hospital. The insured has been at this location for 19 years and was previously the building owner. The insured sold the building and now operates as a tenant. The remainder of the units in the basement are vacant.

Medical Arts Drugs is a pharmacy which retails prescription medication as well as general personal care products and prepackaged food items. All the general merchandise is located on shelving. All the medication is located behind the service counter on shelving. The drugs that are high targets for theft are located in a combination safe. The total value of stock is \$70,000 to \$80,000.

The business has one pharmacist (owner) and one employee. The business is open 9:00 to 18:00 or 19:00 from Monday to Friday.

b) Hours of Operation	9;5	c) Insured is	TENANT
d) Years in Business	19	e) Years at Location	19
f) Additional Details	NONE		
g) Manufacturing Risk Process	NO	h) Are There U.S. Sales?	
i) Percentage Of U.S. Sales		j) Value Of U.S. Sales	
k) Is There A Quality Control Program In Place			NOT APPLICABLE

2. Construction

a) No. of Stories	3	Basement	FULL	387 m ²	
b) Year Built	1955	Addition/Updates	YES	Good Condition	YES
c) Grade Area	387 m ²				
	Total Area	1548 m ²	Insured Area	67 m ²	
d) Walls	100% Solid brick				
e) Floors	100% Concrete				
f) Roof	100% Concrete (covering unconfirmed)				
g) Interior Finish	MAINLY NON COMBUSTIBLE		Unprotected Foam Insulation	NO	
h) Comb. Concealed spaces	NO				
i) Vertical Openings	YES		Properly Protected	NO	
j) Exposures to Building	LIGHT		Comb Stg < 8m to non-blank Wall	NO	
k) Tenant Separation Walls	DRYWALL				
l) Additional Details	The insured was unsure of the building updates.				

Signage outside of the building indicated that the building will be receiving exterior and interior renovations.

The stairwells are not closed off at each level in the building. No recommendation was made as the insured is a tenant, not the building owner.

3. Fire Hazards

a) Smoking	RESTRICTED			
b) Housekeeping	GOOD		Programs in Place	ACCEPTABLE
c) Heating	YES	BOILER	Arrangement Acceptable	YES
Fuel	GAS		Fuel Tanks	NO
Chimney Acceptable	NOT APPLICABLE		Wood Stove	NO
Portable Space Heaters	NO			
d) Electrical	YES		Wiring Type	ROMEX, BX, CONDUIT
Over Current Protection	CB		Arrangement Acceptable	YES
e) Oil Rags	NO		Storage in	
f) Flam./Comb. Liquids	NO		g) Spray Painting	NO
h) Cutting/Welding	NO		i) Compressed Gases	NO
j) Commercial Cooking	NO		k) Other	NO
l) Additional Details	No access was provided to the boiler and main electrical room. The insured has a breaker sub panel located in his unit.			

4. Fire Protection

a) Fire Department	YES	b) Fire Hydrants < 150 m	YES
c) Fire Extinguishers	YES	d) Annual Maintenance	YES
e) Standpipe & Hose	NO	f) Fire Detection System	NO
g) Automatic Sprinklers % of Area Sprinklered Supervised	NONE		
h) Other	Fire extinguishers are provided in the hallway by the building owner and are serviced annually. No extinguishers are located in the insured's unit, see recommendations.		
i) Control Valves Open	NOT APPLICABLE	j) Annual Test And Service Tag	NOT APPLICABLE

5. Other Perils

a) Windstorm	NO	
b) Lightning	NO	
c) Collision	YES	
d) Riot & Vandalism	NO	
e) Signs of Water Damage	NO	Roof Leakage Piping Other Tenants Sewer Backup
f) Stock Stored on Floor	NO	
g) Signs of Settling, Collapse	NO	
h) History of Flooding	YES	
i) Additional Perils	<p>The insured had a water claim in 2013. A pipe burst in a dentist office on the third floor and the water leaked down the levels. The ceiling in the insured's unit has been repaired.</p> <p>The driveway and parking is around the building and no vehicle impact protection is provided. No recommendation was made as the insured is a tenant in the building, not the building owner.</p>	

B. CRIME

1. General

- | | | | |
|---|---|----------------------------|----------------|
| a) Target Commodities | YES | | |
| b) Burglary Safe | YES | Lottery/Stamps - Daytime | NO |
| Money - Daytime | NO | Lottery/Stamps - Overnight | NO |
| Money - Overnight | NO | Safe Alarmed | NO |
| # of Staff with Access | 1 | Safe Adequate | YES |
| c) Deposits Made Daily with Varied Routes & Times | YES | | |
| Cheques Endorsed for Deposit Only | YES | | |
| d) Cash Registers Limited to \$300 | YES | | |
| e) Burglar Alarm | YES | f) Protection Devices | YES |
| Alarm Company | Mr Security | Magnetic Contacts | YES |
| Type of Service | UNLISTED SUPERVISED ALARM | Infrared Sensors | YES |
| ULC Certified | NO (NOT REQUIRED) | Certificate No. | NO |
| - Line Security Level | | Photoelectric Beam | NO |
| - Protection Level | | Glass Breakage | NO |
| - Certificate No. | | Conductive Foil | NO |
| - Expiry Date | | Wire Lacing | NO |
| If not ULC Certified - Stated Line Security | OTHER | Other Devices | NO |
| g) Police Response Suspended | NO | h) Is the Alarm Adequate | NO (REC. MADE) |
| i) Additional Details | The target commodities are narcotics. The insured secures these in the combination safe. The alarm system is monitored by Mr Security and the company does not appear to be ULC listed and no company information was found, see recommendations. | | |

2. Physical Protection

- | | |
|--------------------------------|---|
| a) Deadbolts on all Ext. Doors | YES |
| b) Overhead Doors Protected | NOT APPLICABLE |
| c) Partition Walls Protected | YES |
| d) Rear Openings Protected | NOT APPLICABLE |
| e) Perimeter Properly Lit | YES |
| f) Yard Storage Protected | NOT APPLICABLE |
| g) Additional Details | There is one door in the unit which is secured with a single cylinder deadbolt. The door to the building has a spring latch which is secured after the building hours which the contact did not know.

The insured's windows have metal bar protection. |

3. Cargo Handling

- | | |
|---------------------------------------|----------|
| a) Shipping/Receiving Controls | ADEQUATE |
| b) Loaded Trailers Overnight | NO |
| - Describe Commodities | NA |
| - Values in Yard Trailers | NA |
| c) Load Security (Alarms, fence, etc) | NA |
| d) Distance Trailers to Bldg(s) | NA |
| e) Additional Details | NA |

C. LIABILITY

1. Premises Liability

Exposure	Unsafe Conditions	Details (comment only if, Yes)
a) Floor Surfaces/Coverings	NO	
b) Stock Arrangement/Aisles	NO	
c) Stairs, Ramps, Handrails	NO	
d) Emergency Egress	NO	
e) Sidewalks, Yards, Parking	NO	
f) Snow & Ice	NO	
g) General Housekeeping	NO	
h) Lighting	NO	
i) Signs/Awnings/Attachment	NO	
j) Other	NO	

Public access is: **MODERATE** (when public access to insured's area is high a/o frequency of bodily injury to third parties is foreseeable - eg. shopping malls, recreational occupancies, apartment buildings, grocery stores, etc. - expand on the following)

- | | |
|---------------------------------|----------------|
| k) Housekeeping/Sweep Logs | NOT APPLICABLE |
| l) Snow & Ice Clearing Logs | NOT APPLICABLE |
| m) Incident Report In Use | NOT APPLICABLE |
| n) Private Potable Water Supply | NOT APPLICABLE |

o) Additional Details
The building owner provides snow removal services. The insured does minor housekeeping in the unit, typically on a weekly basis. The building owner provides housekeeping for the common areas.

- | | | | |
|-----------------------------|----------------|--------------------------------|-----|
| p) Snow Clearing Program | YES | q) Salting And Sanding Program | YES |
| r) Responsibility Of | Building Owner | | |
| s) Certificate Of Insurance | NO | | |

2. Liquor Liability

- | | | |
|----------------------------|----------------|---------------------------|
| a) Alcohol Served | NOT APPLICABLE | b) Smart Serve Program |
| c) License Capacity | | d) Expiry Date of License |
| e) Percentage Liquor Sales | | |
| f) Additional Details | NA | |

3. Recreational Equipment

a) Swimming Pool Emergency Equipment	NOT APPLICABLE	Supervised Warning Signs	
b) Whirlpool T° Limited	NOT APPLICABLE	c) Sauna Timers Provided	NOT APPLICABLE
d) Playground Equipment	NOT APPLICABLE	Installation & Maintenance	
e) Other Equipment/Activity	NA		
f) Additional Details	NA		

4. Contractors/Offsite Ops

a) Welding/Cutting/Brazing	NOT APPLICABLE	b) Bridge/Dam	NOT APPLICABLE
c) Demolition	NOT APPLICABLE	d) Excavation/Grading	NOT APPLICABLE
e) Moving	NOT APPLICABLE	f) Installation	NOT APPLICABLE
g) Blasting	NOT APPLICABLE	h) Servicing/Repairs	NOT APPLICABLE
i) Shoring/Caisson	NOT APPLICABLE	j) Other	NA
l) Work Subcontracted Certificates of Liability	NOT APPLICABLE	m) Operations in U.S.	NA
n) Additional Details	NA		
o) List Of Key Equipment Provided?	NOT APPLICABLE		
p) List Of Key Equipment			
q) Security Measures	NOT APPLICABLE		



Risk Improvement Measures

Loss Control Services

Name of Broker	HKMB HUB INTERNATIONAL LTD
SUBJECT	
Name of Client	OPA0175 & OAKVILLE MEDICAL ARTS DRUGS LTD.
Location Visited	358 REYNOLDS ST OAKVILLE, ON L6J 3L9
Policy No.	COM038951382
Date of Survey	07/05/2014
Contact at Risk	Brad Abdel-Malak, Owner

The following risk improvement measures are offered as a result of a loss control survey of the above noted location on behalf of Royal & Sun Alliance Insurance Company of Canada. They are intended to assist your client in the development and maintenance of good loss control practices, as well as aid our underwriters in the evaluation of the business, for insurance purposes.

Those risk improvement measures identified as "Requirements" are considered compulsory and should be addressed without delay. Failure to promptly address these requirements may not only potentially expose your client's risk to adverse loss but may also affect insurance coverage.

Importance	Number	Recommendation
▶ RECOMMENDATION	2014-01	<p>Have the alarm system reviewed to meet the standards listed below. The existing burglar alarm system may be inadequate to protect the property stored in your premises. Due to the nature of the product and the value it is recommended that the system should meet the following standards:</p> <ul style="list-style-type: none">• ULC Certified Monitoring Station alarm system• Level 3 Extent of Protection• Level III Line Security (DVACS Technology)
▶ RECOMMENDATION	2014-02	<p>A fire extinguisher should be provided in the unit.</p> <p>Portable fire extinguishers are recommended for the protection of both the building structure and the occupancy hazards contained therein. The extinguishers can provide fire fighting assistance reducing the potential for a total loss or injury. Provide a fire extinguisher in the unit ensuring that it is properly mounted and serviced before installation, a record of service is should be attached. Extinguishers should be serviced on an annual basis by a qualified personnel.</p> <p>Reference NFPA 10 - Standard for Portable Fire Extinguishers</p>

To ensure affirmative action are promptly taken we would appreciate receiving a response with respect to your client's plans for the completion of the above noted measures within 30 days of receipt. Please direct your response to the office noted below.

Yours truly,

RSA

Photographs



Front



Rear



Unit interior



Water damage repair



Unit access



Safe

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



**CITY
DIRECTORY**

Project Property: *358 Reynolds Street, Oakville, Ontario*
Report Type: *City Directory*
Order No: *20200109086*
Information Source: *Polk's Halton/Peel Regions, Ontario Criss Cross Directory*
Date Completed: *13/01/2020*

Environmental Risk Information Services City Directory Information Source

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1.866.517.5204 | info@erisinfo.com | erisinfo.com

PROJECT NUMBER: 20200109086	
Site Address:	358 Reynolds Street, Oakville, Ontario
Year: 2000	
Site Listing:	<ul style="list-style-type: none"> -The Aherst Dispensary -Oakville Cytology Service -Oakville Medical Arts Dental Office -Medical Arts Pharmacy -Multi-Tenant Residential
Adjacent Properties:	
291 Reynolds Street	-Address Not Listed
327 Reynolds Street	<ul style="list-style-type: none"> -Cooper Construction Hospital -Oakville Medical Society -Work Fitness Plus Physiotherapy Clinic -Multi-Tenant Residential
344 Reynolds Street	-Residential (2 Tenants)
384 Reynolds Street	-Residential (1 Tenant)
337 Trafalgar Road	-Mac Lachlan College

PROJECT NUMBER: 20200109086	
Site Address:	358 Reynolds Street, Oakville, Ontario
Year: 1994	
Site Listing:	<ul style="list-style-type: none"> -The Aherst Dispensary -Oakville Cytology Service -Oakville Medical Arts Pharmacy -Kim Choi Pharmacy Ltd -Medpet Management Ltd -Multi-Tenant Residential
Adjacent Properties:	
291 Reynolds Street	-Address Not Listed
327 Reynolds Street	<ul style="list-style-type: none"> -Ellis Don Construction Ltd -Guild Electric Ltd Hospital (Oakville-Trafalgar Memorial Hospital) -Life Safety Systems Inc -Oakville Medical Society -Oakville-Trafalgar Memorial Hospital - Residential (2 Tenants)
344 Reynolds Street	-Residential (1 Tenant)

384 Reynolds Street	-Residential (1 Tenant)
337 Trafalgar Road	-Mac Lachlan College & Preparation School

PROJECT NUMBER: 20200109086	
Site Address:	358 Reynolds Street, Oakville, Ontario
Year: 1989	
Site Listing:	<ul style="list-style-type: none"> -The Aherst Dispensary -Doctors' Offices -Dental Office -Padibar Management Inc -Oakville Cytology Service -Medpet Management Ltd
Adjacent Properties:	
291 Reynolds Street	-Halton Board of Education Sec. Schools Oakville-Trafalgar
327 Reynolds Street	<ul style="list-style-type: none"> -Black John Hospital (Oakville-Trafalgar Memorial Hospital) -Oakville Emergency Medical Services -Doctor's Office
344 Reynolds Street	-Residential (1 Tenant)
384 Reynolds Street	-Residential (1 Tenant)

337 Trafalgar Road	-Mac Lachlan College & Preparation School

PROJECT NUMBER: 20200109086	
Site Address:	358 Reynolds Street, Oakville, Ontario
Year: 1984	
Site Listing:	<ul style="list-style-type: none"> -The Aherst Dispensary -Doctors' Offices -Dental Offices -Padibar Management Inc -Oakville Cytology Service -Medpet Management Ltd -Aldridge C H M, Speech Therapist -Bedonrew Inc -Hygeia Surgical Supply Centre
Adjacent Properties:	
291 Reynolds Street	-Halton Board of Education Sec. Schools Oakville-Trafalgar
327 Reynolds Street	<ul style="list-style-type: none"> -Residential (1 Tenant) -Doctor's Office
344 Reynolds Street	-Residential (2 Tenants)

384 Reynolds Street	-Residential (1 Tenant)
337 Trafalgar Road	-Mac Lachlan Preparation School -Residential (1 Tenant)

PROJECT NUMBER: 20200109086	
Site Address:	358 Reynolds Street, Oakville, Ontario
Year: 1979	
Site Listing:	-Doctors' Offices -Medpet Management Ltd -Nusseys Med Art -Medical Arts Building -Hygeia Surgical Supply Centre
Adjacent Properties:	
291 Reynolds Street	-Halton Board of Education
327 Reynolds Street	-Oakville-Trafalgar Hospital -Oakville Medical Society -Oakville Memorial Hospital
344 Reynolds Street	-Residential (3 Tenants)
384 Reynolds Street	-Residential (1 Tenant)

337 Trafalgar Road	-Residential (1 Tenant)

PROJECT NUMBER: 20200109086	
Site Address:	358 Reynolds Street, Oakville, Ontario
Year: 1975	
Site Listing:	<ul style="list-style-type: none"> -Medical Arts Building -Medical Offices -Medical Arts Pharmacy -Nussey's Medical Arts Pharmacy -Path Chem Laboratories -Dental Offices
Adjacent Properties:	
291 Reynolds Street	- Oakville-Trafalgar High School
327 Reynolds Street	-Oakville-Trafalgar Memorial Hospital
344 Reynolds Street	-Residential (1 Tenant)
384 Reynolds Street	-Residential (1 Tenant)
337 Trafalgar Road	337-39-Multi-Tenant Residential

PROJECT NUMBER: 20200109086	
Site Address:	358 Reynolds Street, Oakville, Ontario
Year: 1971	
Site Listing:	-Medical Arts Building -Medical Offices -Medical Arts Pharmacy -Dental Offices
Adjacent Properties:	
291 Reynolds Street	- Oakville-Trafalgar High School
327 Reynolds Street	-Oakville-Trafalgar Memorial Hospital
344 Reynolds Street	-Residential (1 Tenant)
384 Reynolds Street	-Residential (1 Tenant)
337 Trafalgar Road	337-39-Multi-Tenant Residential

PROJECT NUMBER: 20200109086	
Site Address:	358 Reynolds Street, Oakville, Ontario
Year: 1965	

Site Listing:	-Medical Arts Building -Medical Offices -Medical Arts Pharmacy -Russell D J Drugs Ltd -Dental Offices
Adjacent Properties:	
291 Reynolds Street	- Oakville-Trafalgar High School
327 Reynolds Street	-Oakville-Trafalgar Memorial Hospital
344 Reynolds Street	-No Information
384 Reynolds Street	-Residential (2 Tenants)
337 Trafalgar Road	-Address Not Listed

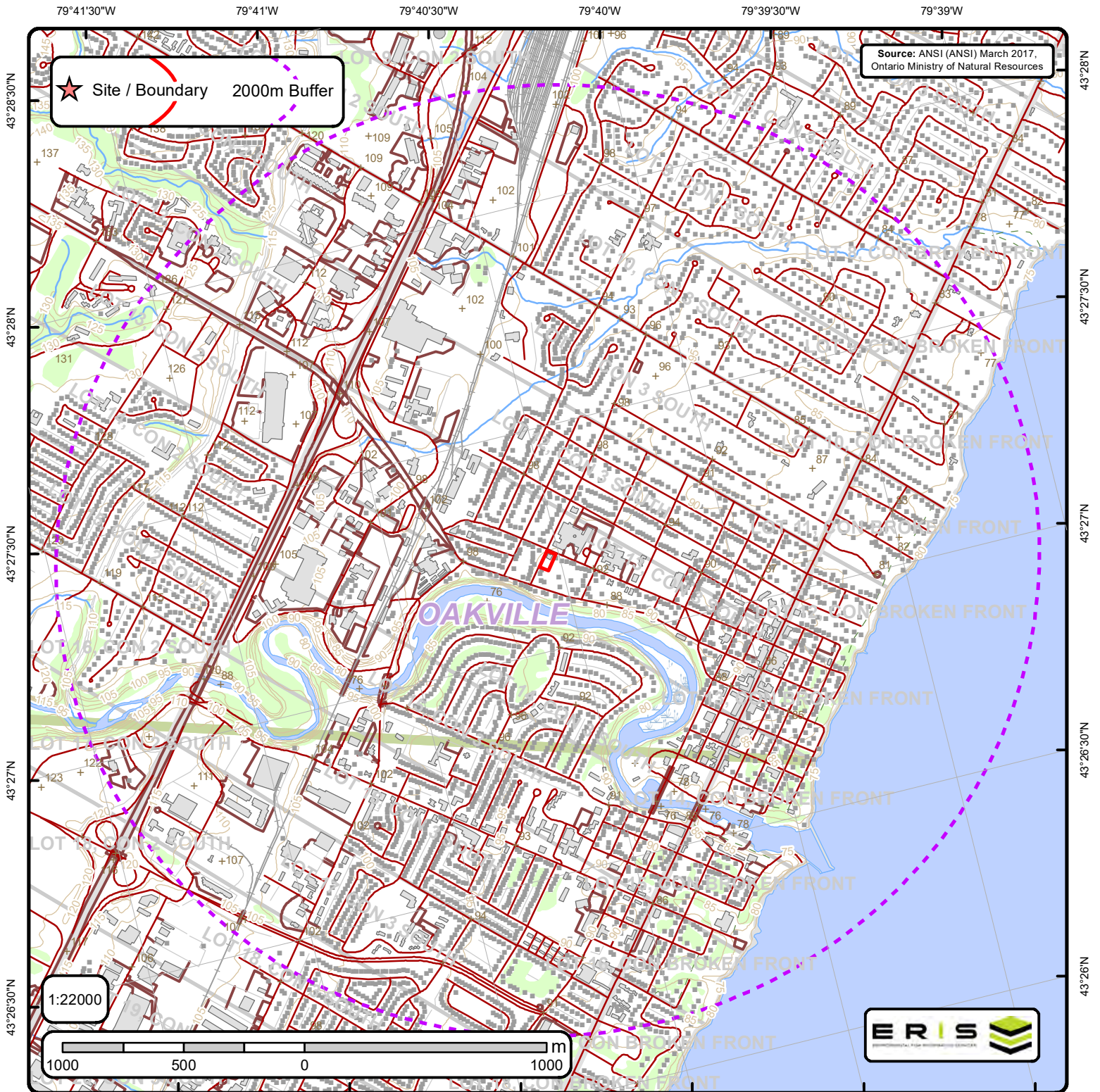
PROJECT NUMBER: 20200109086	
Site Address:	358 Reynolds Street, Oakville, Ontario
Year: 1958	
Site Listing:	-Address Not Listed
Adjacent Properties:	

291 Reynolds Street	-Address Not Listed
327 Reynolds Street	-Address Not Listed
344 Reynolds Street	-Address Not Listed
384 Reynolds Street	-Address Not Listed
337 Trafalgar Road	-Address Not Listed

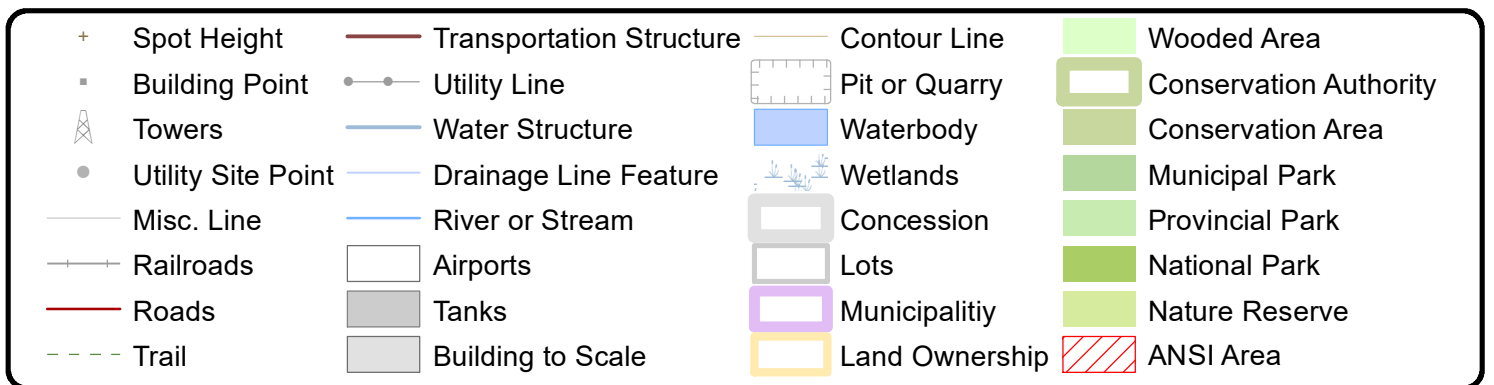
-All listings for businesses were listed as they are in the city directory.

-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.

*****Oakville, Ontario is listed from 1958 to 2000 within the City Directory Archive*****



Area of Natural & Scientific Interest (ANSI) Order No. 20191129027





ANSI Report

ANSI Units Found within 2000 m of
358 Reynolds Street



No ANSI units found within search area.



DATABASE REPORT

Project Property: *358 Reynolds Street
358 Reynolds Street
Oakville ON L6J 3L9*

Project No: *122120345*

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *20191129027*

Requested by: *Stantec Consulting Ltd.*

Date Completed: *December 4, 2019*

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Executive Summary

Property Information:

Project Property: 358 Reynolds Street
358 Reynolds Street Oakville ON L6J 3L9

Project No: 122120345

Order Information:

Order No: 20191129027
Date Requested: November 29, 2019
Requested by: Stantec Consulting Ltd.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans
Topographic Map RSC Maps

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	1	1
CA	<i>Certificates of Approval</i>	Y	0	4	4
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	3	4
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FED TANKS	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	11	30	41
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	1	0	1

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	3	3
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	6	6
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	2	2
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	1	1
SPL	<i>Ontario Spills</i>	Y	1	4	5
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	3	42	45
Total:			17	98	115

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	WWIS		Oakville ON <i>Well ID: 7291790</i>	-/0.0	0.00	31
2	WWIS		Oakville ON <i>Well ID: 7291788</i>	-/0.0	-0.21	33
3	WWIS		Oakville ON <i>Well ID: 7291789</i>	-/0.0	0.00	36
4	EHS		358 Reynolds Street Oakville ON	-/0.0	0.00	39
5	GEN	Direct Elevator Service Ltd	358 Reynolds Street Oakville ON L6J 3L9	-/0.0	0.00	39
5	GEN	Dr. ROSS PRINCE	358 REYNOLDS STREET OAKVILLE ON	-/0.0	0.00	39
5	GEN	Dr. ROSS PRINCE	358 REYNOLDS STREET OAKVILLE ON	-/0.0	0.00	39
5	GEN	Dr. M.Balasundaram & Dr. Robert Gabriel	358 Reynolds St., Unit 18 Oakville ON L6J 3L9	-/0.0	0.00	40

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
5	GEN	Dr. H.T. Wu & Dr. Robert Gabriel	358 Reynolds St., Unit 18 Oakville ON L6J 3L9	-/0.0	0.00	40
5	GEN	Dr. H.T. Wu & Dr. Robert Gabriel	358 Reynolds St., Unit 18 Oakville ON L6J 3L9	-/0.0	0.00	40
5	GEN	Dr. H.T. Wu & Dr. Robert Gabriel	358 Reynolds St., Unit 18 Oakville ON L6J 3L9	-/0.0	0.00	40
5	GEN	1801473 Ontario Corp.	358 Reynolds St. Suite 3 Oakville ON L6J 3L9	-/0.0	0.00	41
5	GEN	OAKVILLE CYTOLOGY SERVICE 29-125	358 REYNOLDS STREET OAKVILLE ON L6J 3L9	-/0.0	0.00	41
5	GEN	OAKVILLE CYTOLOGY SERVICE	358 REYNOLDS STREET OAKVILLE ON L6J 3L9	-/0.0	0.00	41
5	GEN	1801473 Ontario Corp.	358 Reynolds St. Suite 3 Oakville ON L6J 3L9	-/0.0	0.00	42
5	INC		358 REYNOLDS STREET, OAKVILLE ON	-/0.0	0.00	42
5	SPL	Oakville Medical Arts Pharmacy<UNOFFICIAL>	358 Reynolds Street Oakville ON	-/0.0	0.00	43

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	WWIS		ON Well ID: 7289805	S/0.4	-1.54	43
7	WWIS		OAKVILLE ON Well ID: 7296643	SSW/1.7	-1.50	46
8	WWIS		Oakville ON Well ID: 7289846	SSW/8.0	-1.99	49
9	GEN	OAKVILLE CYTOLOGY SERVICE	345 REYNOLDS STREET OAKVILLE ON L6J 3L9	NE/17.8	0.00	52
10	WWIS		OAKVILLE ON Well ID: 7043549	NE/20.2	0.00	52
11	WWIS		Oakville ON Well ID: 7289804	SSE/20.5	-1.06	54
12	WWIS		Oakville ON Well ID: 7284459	ENE/22.2	0.00	57
13	WWIS		OAKVILLE ON Well ID: 7261930	NE/24.3	0.00	59
14	SPL	Union Gas Limited	271 MacDonald Road Oakville ON L6J 2A6	WSW/30.4	0.33	61
14	SPL	Union Gas Limited	271 Macdonald Road Oakville ON	WSW/30.4	0.33	62
15	WWIS		OAKVILLE ON Well ID: 7262051	NNE/32.5	0.17	62
16	HINC		344 REYNOLDS STREET OAKVILLE ON L6J 3L8	E/35.0	-1.07	65

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
17	EHS		337 Trafalgar Rd Oakville ON L6J3H3	SSE/45.7	-2.02	65
18	WWIS		OAKVILLE ON Well ID: 7302146	E/47.0	-0.98	65
19	WWIS		OAKVILLE ON Well ID: 7302139	ENE/57.3	-0.87	68
20	WWIS		OAKVILLE ON Well ID: 7304394	E/58.0	-1.06	71
21	WWIS		OAKVILLE ON Well ID: 7309395	ENE/63.5	-0.50	72
22	WWIS		ON Well ID: 7281191	E/71.1	-1.02	76
23	WWIS		OAKVILLE ON Well ID: 7302140	E/71.7	-1.02	76
24	WWIS		OAKVILLE ON Well ID: 7304393	SE/72.6	-1.80	79
25	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	S/73.6	-3.02	81
25	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	S/73.6	-3.02	81
25	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	S/73.6	-3.02	82
25	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	S/73.6	-3.02	82
25	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	S/73.6	-3.02	83

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	S/73.6	-3.02	83
25	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	S/73.6	-3.02	83
25	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	S/73.6	-3.02	84
25	GEN	MacLachlan College	337 Trafalgar Road Oakville ON	S/73.6	-3.02	84
25	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	S/73.6	-3.02	85
25	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	S/73.6	-3.02	85
26	SCT	A & T CUSTOM MIRRORS	384 REYNOLDS ST OAKVILLE ON L6J 3M2	NW/75.3	1.92	86
27	WWIS		OAKVILLE ON Well ID: 7302144	E/79.6	-0.94	86
28	WWIS		OAKVILLE ON Well ID: 7302081	E/81.1	-0.94	88
29	WWIS		OAKVILLE ON Well ID: 7302080	E/83.3	-0.94	92
30	WWIS		Oakville ON Well ID: 7304401	SE/84.9	-1.96	95
30	WWIS		OAKVILLE ON Well ID: 7304392	SE/84.9	-1.96	96
31	CA	OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE TOWN ON L6J 3L7	E/85.4	-0.94	98

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
31	CA	OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET HALTON HILLS TOWN ON	E/85.4	-0.94	98
31	CA	OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	98
31	EHS		327 Reynolds St Oakville ON L6J 3L7	E/85.4	-0.94	99
31	GEN	The Corporation of the Town of Oakville	327 Reynolds Street Oakville ON L6J 3L7	E/85.4	-0.94	99
31	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	99
31	GEN	OAKVILLE-TRAFALGAR MEMORIAL	HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	100
31	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	101
31	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	102
31	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON	E/85.4	-0.94	103
31	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	104
31	GEN	OAKVILLE-TRAFALGAR MEMORIAL 29-094	HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	105
31	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	105
31	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	106

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
31	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	107
31	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	108
31	GEN	OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	109
31	GEN	The Corporation of the Town of Oakville	327 Reynolds Street Oakville ON L6J 3L7	E/85.4	-0.94	110
31	NPCB	OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	110
31	NPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	110
31	NPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	111
31	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	111
31	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	112
31	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	112
31	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	113
31	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	113
31	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	E/85.4	-0.94	113

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
32	WWIS		OAKVILLE ON <i>Well ID: 7267475</i>	E/95.0	-1.13	114
32	WWIS		OAKVILLE ON <i>Well ID: 7261929</i>	E/95.0	-1.13	116
33	ECA	The Corporation of the Town of Oakville	325 Reynolds St Oakville ON L6H 0H3	ESE/105.5	-1.69	119
33	GEN	1737126 Ontario Inc.	325 Reynolds Street Oakville ON L6J 3L3	ESE/105.5	-1.69	120
34	WWIS		OAKVILLE ON <i>Well ID: 7302143</i>	E/107.9	-0.98	120
35	WWIS		Oakville ON <i>Well ID: 7304395</i>	E/108.6	-0.98	123
36	WWIS		OAKVILLE ON <i>Well ID: 7302141</i>	E/110.1	-1.27	125
37	CA	OAKVILLE TOWN	SPRUCE ST.REYNOLDS ST. OAKVILLE TOWN ON	NW/112.1	2.00	128
38	WWIS		OAKVILLE ON <i>Well ID: 7302142</i>	E/112.4	-1.27	128
39	WWIS		OAKVILLE ON <i>Well ID: 7302145</i>	E/118.7	-1.26	131
40	WWIS		Oakville ON <i>Well ID: 7284460</i>	ESE/128.1	-2.00	134
41	WWIS		Oakville ON <i>Well ID: 7284275</i>	ESE/134.2	-2.07	136
42	WWIS		Oakville ON	SE/146.7	-3.02	138

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7304396			
42	WWIS		Oakville ON Well ID: 7304402	SE/146.7	-3.02	139
43	EHS		327, 291 Reynolds St & 348 Allan St Oakville ON	ENE/147.6	-0.91	140
44	PINC		397 TRAFALGAR RD, OAKVILLE ON	W/159.1	1.97	141
44	SPL	Union Gas Limited	397 Trafalgar Road Oakville ON	W/159.1	1.97	141
45	WWIS		Oakville ON Well ID: 7284458	E/161.0	-2.00	142
46	WWIS		OAKVILLE ON Well ID: 7261931	NE/173.5	0.00	144
47	WWIS		Oakville ON Well ID: 7284276	ENE/198.4	-0.19	146
48	WWIS		OAKVILLE ON Well ID: 7261981	E/207.4	-0.98	148
49	WWIS		OAKVILLE ON Well ID: 7267478	E/221.1	-0.95	150
50	WWIS		OAKVILLE ON Well ID: 7261928	ENE/222.9	0.00	154
51	WWIS		OAKVILLE ON Well ID: 7267477	ESE/230.4	-3.04	156
52	GEN	HALTON BOARD OF EDUCATION(OUT OF BUS.)	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	ESE/232.9	-3.29	159
52	GEN	HALTON BOARD (OUT OF BUSINESS) 19-172	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET	ESE/232.9	-3.29	160

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			OAKVILLE ON L6J 3L5			
52	GEN	HALTON BOARD OF EDUCATION	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	ESE/232.9	-3.29	160
53	WWIS		OAKVILLE ON Well ID: 7261979	ESE/233.2	-3.29	161
54	WWIS		OAKVILLE ON Well ID: 7261980	ESE/237.5	-3.04	163
55	PINC		343 ALLAN STREET, OAKVILLE ON	NE/241.9	0.00	166
55	SPL	Union Gas<UNOFFICIAL>	343 Allan Street Oakville ON	NE/241.9	0.00	166
56	WWIS		Oakville ON Well ID: 7213470	WNW/242.3	0.93	167
57	BORE		ON	E/247.5	-1.01	169
58	WWIS		OAKVILLE ON Well ID: 2810266	WNW/249.9	2.08	171

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	247.5	<u>57</u>

CA - Certificates of Approval

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>
OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET HALTON HILLS TOWN ON	85.4	<u>31</u>
OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE TOWN ON L6J 3L7	85.4	<u>31</u>
OAKVILLE TOWN	SPRUCE ST.REYNOLDS ST. OAKVILLE TOWN ON	112.1	<u>37</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Oct 31, 2019 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of the Town of Oakville	325 Reynolds St Oakville ON L6H 0H3	105.5	<u>33</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	358 Reynolds Street Oakville ON	0.0	<u>4</u>
	337 Trafalgar Rd Oakville ON L6J3H3	45.7	<u>17</u>
	327 Reynolds St Oakville ON L6J 3L7	85.4	<u>31</u>
	327, 291 Reynolds St & 348 Allan St Oakville ON	147.6	<u>43</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2019 has found that there are 41 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Direct Elevator Service Ltd	358 Reynolds Street Oakville ON L6J 3L9	0.0	<u>5</u>
Dr. ROSS PRINCE	358 REYNOLDS STREET OAKVILLE ON	0.0	<u>5</u>
Dr. ROSS PRINCE	358 REYNOLDS STREET OAKVILLE ON	0.0	<u>5</u>
Dr. M.Balasundaram & Dr. Robert Gabriel	358 Reynolds St., Unit 18 Oakville ON L6J 3L9	0.0	<u>5</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Dr. H.T. Wu & Dr. Robert Gabriel	358 Reynolds St., Unit 18 Oakville ON L6J 3L9	0.0	<u>5</u>
Dr. H.T. Wu & Dr. Robert Gabriel	358 Reynolds St., Unit 18 Oakville ON L6J 3L9	0.0	<u>5</u>
Dr. H.T. Wu & Dr. Robert Gabriel	358 Reynolds St., Unit 18 Oakville ON L6J 3L9	0.0	<u>5</u>
1801473 Ontario Corp.	358 Reynolds St. Suite 3 Oakville ON L6J 3L9	0.0	<u>5</u>
OAKVILLE CYTOLOGY SERVICE 29-125	358 REYNOLDS STREET OAKVILLE ON L6J 3L9	0.0	<u>5</u>
OAKVILLE CYTOLOGY SERVICE	358 REYNOLDS STREET OAKVILLE ON L6J 3L9	0.0	<u>5</u>
1801473 Ontario Corp.	358 Reynolds St. Suite 3 Oakville ON L6J 3L9	0.0	<u>5</u>
OAKVILLE CYTOLOGY SERVICE	345 REYNOLDS STREET OAKVILLE ON L6J 3L9	17.8	<u>9</u>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	73.6	<u>25</u>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	73.6	<u>25</u>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	73.6	<u>25</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	73.6	<u>25</u>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	73.6	<u>25</u>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	73.6	<u>25</u>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	73.6	<u>25</u>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	73.6	<u>25</u>
MacLachlan College	337 Trafalgar Road Oakville ON	73.6	<u>25</u>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	73.6	<u>25</u>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	73.6	<u>25</u>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>
OAKVILLE-TRAFALGAR MEMORIAL	HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON	85.4	<u>31</u>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>
OAKVILLE-TRAFALGAR MEMORIAL 29-094	HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>
OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	<u>31</u>
The Corporation of the Town of Oakville	327 Reynolds Street Oakville ON L6J 3L7	85.4	<u>31</u>
The Corporation of the Town of Oakville	327 Reynolds Street Oakville ON L6J 3L7	85.4	<u>31</u>
1737126 Ontario Inc.	325 Reynolds Street Oakville ON L6J 3L3	105.5	<u>33</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
HALTON BOARD OF EDUCATION(OUT OF BUS.)	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	232.9	52
HALTON BOARD (OUT OF BUSINESS) 19-172	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	232.9	52
HALTON BOARD OF EDUCATION	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	232.9	52

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	344 REYNOLDS STREET OAKVILLE ON L6J 3L8	35.0	16

INC - Fuel Oil Spills and Leaks

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	358 REYNOLDS STREET, OAKVILLE ON	0.0	5

NPCB - National PCB Inventory

A search of the NPCB database, dated 1988-2008* has found that there are 3 NPCB site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	31

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	31
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	31

OPCB - Inventory of PCB Storage Sites

A search of the OPCB database, dated 1987-Oct 2004; 2012-Dec 2013 has found that there are 6 OPCB site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	31
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	31
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	31
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	31
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	31
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	85.4	31

PINC - 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.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	397 TRAFALGAR RD, OAKVILLE ON	159.1	44
	343 ALLAN STREET, OAKVILLE ON	241.9	55

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
A & T CUSTOM MIRRORS	384 REYNOLDS ST OAKVILLE ON L6J 3M2	75.3	26

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2019 has found that there are 5 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Oakville Medical Arts Pharmacy<UNOFFICIAL>	358 Reynolds Street Oakville ON	0.0	5
Union Gas Limited	271 Macdonald Road Oakville ON	30.4	14
Union Gas Limited	271 MacDonald Road Oakville ON L6J 2A6	30.4	14
Union Gas Limited	397 Trafalgar Road Oakville ON	159.1	44
Union Gas<UNOFFICIAL>	343 Allan Street Oakville ON	241.9	55

WWIS - Water Well Information System

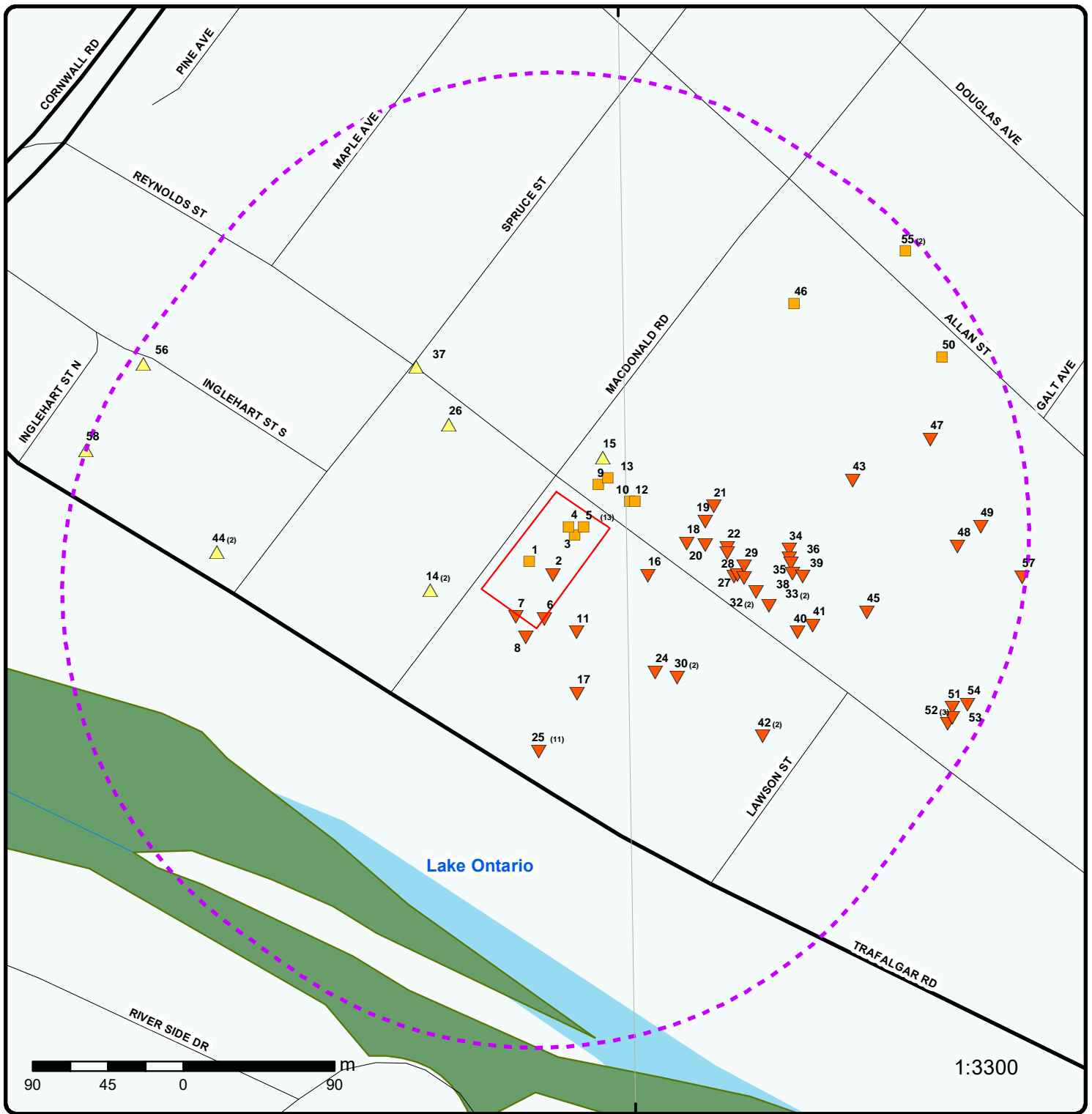
A search of the WWIS database, dated Feb 28, 2019 has found that there are 45 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Oakville ON <i>Well ID: 7291790</i>	0.0	<u>1</u>
	Oakville ON <i>Well ID: 7291788</i>	0.0	<u>2</u>
	Oakville ON <i>Well ID: 7291789</i>	0.0	<u>3</u>
	ON <i>Well ID: 7289805</i>	0.4	<u>6</u>
	OAKVILLE ON <i>Well ID: 7296643</i>	1.7	<u>7</u>
	Oakville ON <i>Well ID: 7289846</i>	8.0	<u>8</u>
	OAKVILLE ON <i>Well ID: 7043549</i>	20.2	<u>10</u>
	Oakville ON <i>Well ID: 7289804</i>	20.5	<u>11</u>
	Oakville ON <i>Well ID: 7284459</i>	22.2	<u>12</u>
	OAKVILLE ON <i>Well ID: 7261930</i>	24.3	<u>13</u>
	OAKVILLE ON	32.5	<u>15</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7262051		
	OAKVILLE ON	47.0	<u>18</u>
	<i>Well ID:</i> 7302146		
	OAKVILLE ON	57.3	<u>19</u>
	<i>Well ID:</i> 7302139		
	OAKVILLE ON	58.0	<u>20</u>
	<i>Well ID:</i> 7304394		
	OAKVILLE ON	63.5	<u>21</u>
	<i>Well ID:</i> 7309395		
	ON	71.1	<u>22</u>
	<i>Well ID:</i> 7281191		
	OAKVILLE ON	71.7	<u>23</u>
	<i>Well ID:</i> 7302140		
	OAKVILLE ON	72.6	<u>24</u>
	<i>Well ID:</i> 7304393		
	OAKVILLE ON	79.6	<u>27</u>
	<i>Well ID:</i> 7302144		
	OAKVILLE ON	81.1	<u>28</u>
	<i>Well ID:</i> 7302081		
	OAKVILLE ON	83.3	<u>29</u>
	<i>Well ID:</i> 7302080		
	Oakville ON	84.9	<u>30</u>
	<i>Well ID:</i> 7304401		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	OAKVILLE ON <i>Well ID: 7304392</i>	84.9	<u>30</u>
	OAKVILLE ON <i>Well ID: 7267475</i>	95.0	<u>32</u>
	OAKVILLE ON <i>Well ID: 7261929</i>	95.0	<u>32</u>
	OAKVILLE ON <i>Well ID: 7302143</i>	107.9	<u>34</u>
	Oakville ON <i>Well ID: 7304395</i>	108.6	<u>35</u>
	OAKVILLE ON <i>Well ID: 7302141</i>	110.1	<u>36</u>
	OAKVILLE ON <i>Well ID: 7302142</i>	112.4	<u>38</u>
	OAKVILLE ON <i>Well ID: 7302145</i>	118.7	<u>39</u>
	Oakville ON <i>Well ID: 7284460</i>	128.1	<u>40</u>
	Oakville ON <i>Well ID: 7284275</i>	134.2	<u>41</u>
	Oakville ON <i>Well ID: 7304402</i>	146.7	<u>42</u>
	Oakville ON	146.7	<u>42</u>

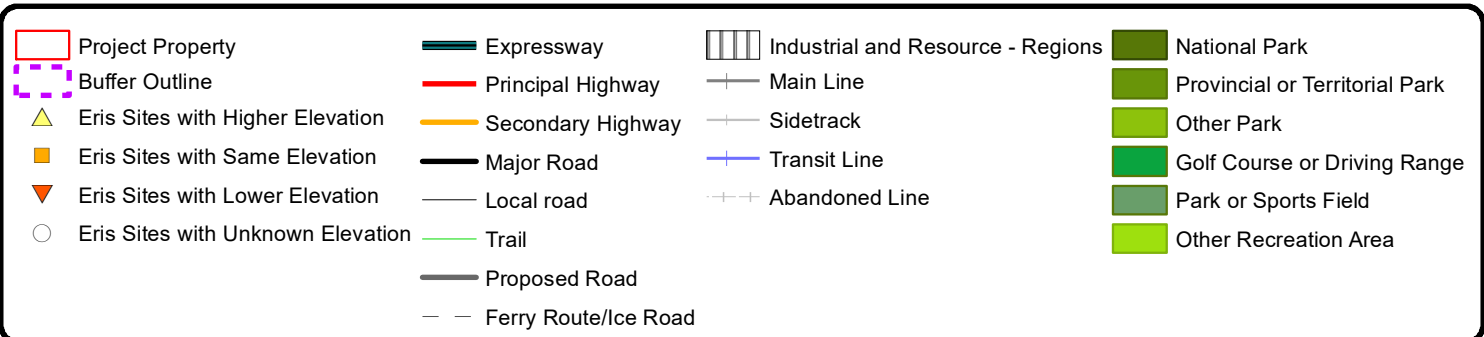
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7304396		
	Oakville ON	161.0	<u>45</u>
	<i>Well ID:</i> 7284458		
	OAKVILLE ON	173.5	<u>46</u>
	<i>Well ID:</i> 7261931		
	Oakville ON	198.4	<u>47</u>
	<i>Well ID:</i> 7284276		
	OAKVILLE ON	207.4	<u>48</u>
	<i>Well ID:</i> 7261981		
	OAKVILLE ON	221.1	<u>49</u>
	<i>Well ID:</i> 7267478		
	OAKVILLE ON	222.9	<u>50</u>
	<i>Well ID:</i> 7261928		
	OAKVILLE ON	230.4	<u>51</u>
	<i>Well ID:</i> 7267477		
	OAKVILLE ON	233.2	<u>53</u>
	<i>Well ID:</i> 7261979		
	OAKVILLE ON	237.5	<u>54</u>
	<i>Well ID:</i> 7261980		
	Oakville ON	242.3	<u>56</u>
	<i>Well ID:</i> 7213470		
	OAKVILLE ON	249.9	<u>58</u>
	<i>Well ID:</i> 2810266		

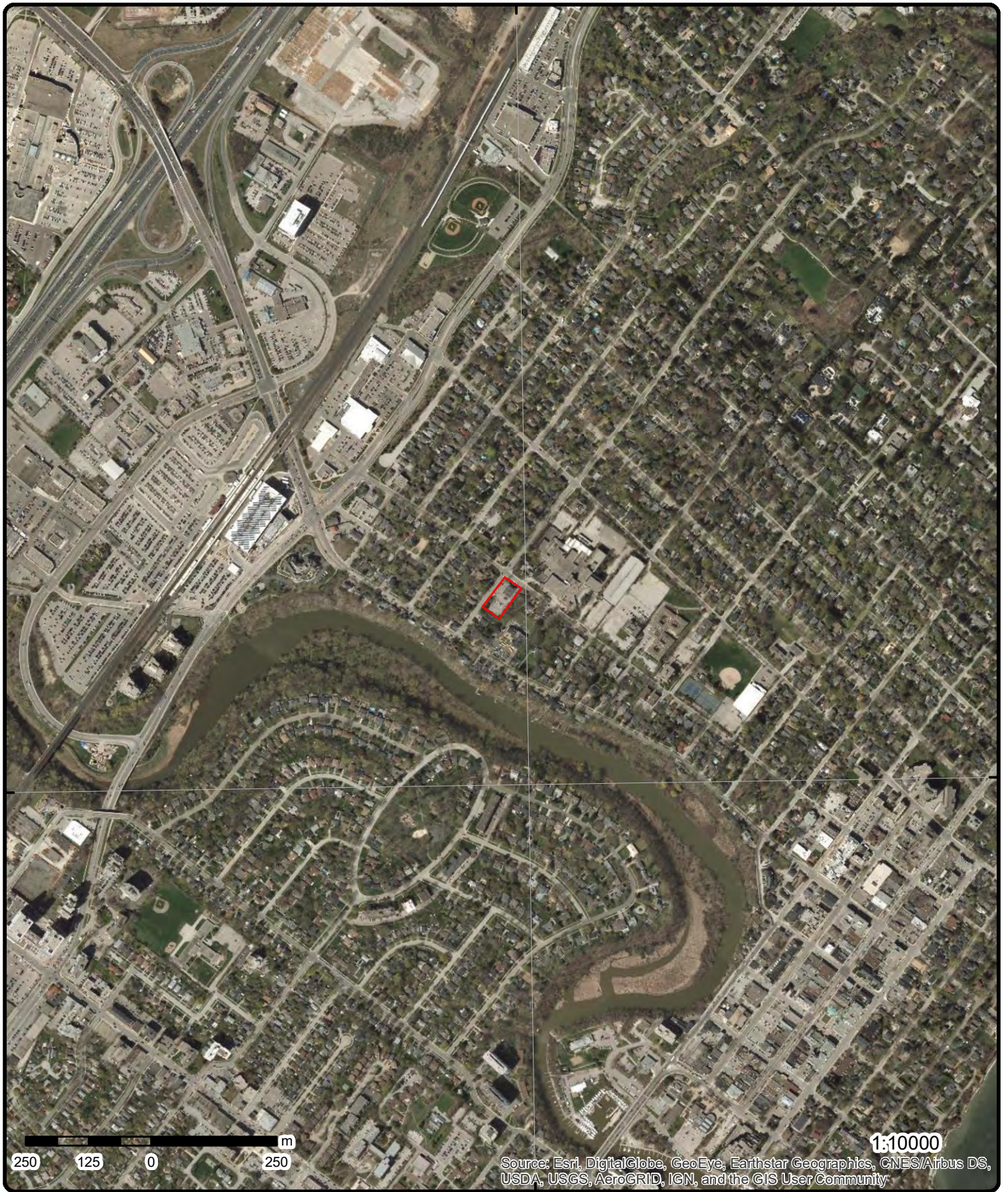


Map : 0.25 Kilometer Radius

Order No: 20191129027

Address: 358 Reynolds Street, Oakville, ON, L6J 3L9





1:10000

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial (2017)

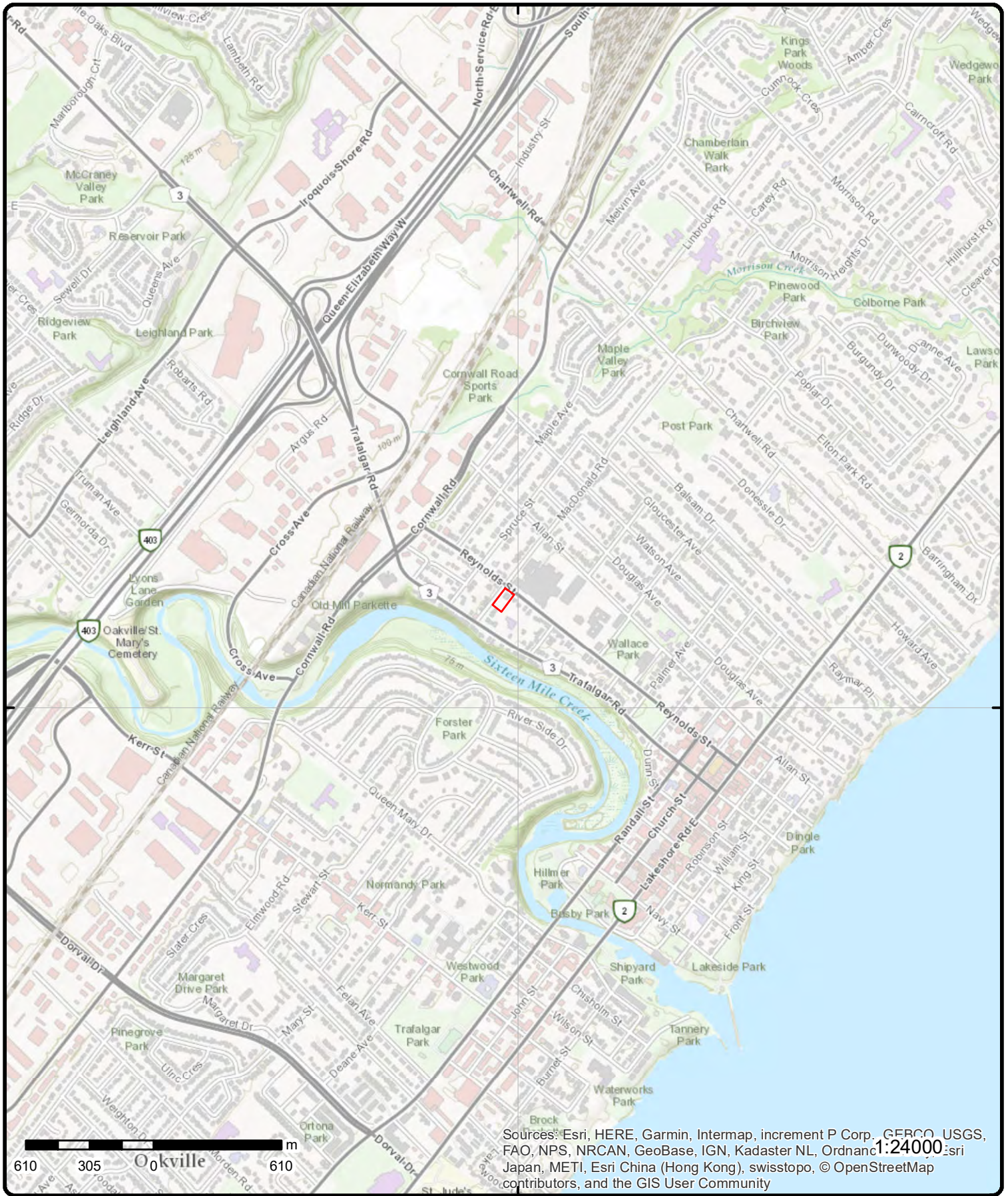
Address: 358 Reynolds Street, Oakville, ON, L6J 3L9

Source: ESRI World Imagery

Order No: 20191129027



© ERI S Information Limited Partnership



Topographic Map

Address: 358 Reynolds Street, Oakville, ON, L6J 3L9

Source: ESRI World Topographic Map

Order No: 20191129027



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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<u>1</u>	1 of 1	-/0.0	94.8 / 0.00	Oakville ON	WWIS
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<p>Well ID: 7291790</p> <p>Construction Date:</p> <p>Primary Water Use: Test Hole</p> <p>Sec. Water Use:</p> <p>Final Well Status: Observation Wells</p> <p>Water Type:</p> <p>Casing Material:</p> <p>Audit No: Z248468</p> <p>Tag: A224190</p> <p>Construction Method:</p> <p>Elevation (m):</p> <p>Elevation Reliability:</p> <p>Depth to Bedrock:</p> <p>Well Depth:</p> <p>Overburden/Bedrock:</p> <p>Pump Rate:</p> <p>Static Water Level:</p> <p>Flowing (Y/N):</p> <p>Flow Rate:</p> <p>Clear/Cloudy:</p>	<p>Data Entry Status:</p> <p>Data Src:</p> <p>Date Received: 8/2/2017</p> <p>Selected Flag: Yes</p> <p>Abandonment Rec:</p> <p>Contractor: 6607</p> <p>Form Version: 7</p> <p>Owner:</p> <p>Street Name: 358 REYNOLDS STREET</p> <p>County: HALTON</p> <p>Municipality: OAKVILLE TOWN</p> <p>Site Info:</p> <p>Lot:</p> <p>Concession:</p> <p>Concession Name:</p> <p>Easting NAD83:</p> <p>Northing NAD83:</p> <p>Zone:</p> <p>UTM Reliability:</p>
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Bore Hole Information

<p>Bore Hole ID: 1006680851</p> <p>DP2BR:</p> <p>Spatial Status:</p> <p>Code OB:</p> <p>Code OB Desc:</p> <p>Open Hole:</p> <p>Cluster Kind:</p> <p>Date Completed: 6/21/2017</p> <p>Remarks:</p> <p>Elevrc Desc:</p> <p>Location Source Date:</p> <p>Improvement Location Source:</p> <p>Improvement Location Method:</p> <p>Source Revision Comment:</p> <p>Supplier Comment:</p>	<p>Elevation: 94.238014</p> <p>Elevrc:</p> <p>Zone: 17</p> <p>East83: 607141</p> <p>North83: 4812012</p> <p>Org CS: UTM83</p> <p>UTMRC: 4</p> <p>UTMRC Desc: margin of error : 30 m - 100 m</p> <p>Location Method: wwr</p>
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Overburden and Bedrock Materials Interval

Formation ID: 1006822313

Layer: 1

Color:

General Color:

Mat1: 11

Most Common Material: GRAVEL

Mat2:

Other Materials:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0.3			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006822314			
Layer:		2			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.3			
Formation End Depth:		3.81			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006822321			
Layer:		1			
Plug From:		0			
Plug To:		0.3			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006822323			
Layer:		3			
Plug From:		0.9			
Plug To:		3.81			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006822322			
Layer:		2			
Plug From:		0.3			
Plug To:		0.9			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006822312			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006822317			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.39			
Casing Diameter:		5.1			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006822318			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.39			
Screen End Depth:		3.81			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.4			
<u>Water Details</u>					
Water ID:		1006822316			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		2.1			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006822315			
Diameter:		21			
Depth From:		0			
Depth To:		3.81			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

[2](#)

1 of 1

-0.0

94.6 / -0.21

Oakville ON

WWIS

Well ID:	7291788	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Test Hole	Date Received:	8/2/2017
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	6607
Casing Material:		Form Version:	7
Audit No:	Z248472	Owner:	
Tag:	A210100	Street Name:	358 REYNOLDS STREET
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	OAKVILLE TOWN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1006680831 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 6/21/2017 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: 93.91484 Elevrc: Zone: 17 East83: 607155 North83: 4812004 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1006822287 Layer: 2 Color: General Color: Mat1: 28 Most Common Material: SAND Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 0.3 Formation End Depth: 3.81 Formation End Depth UOM: m					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1006822286 Layer: 1 Color: General Color: Mat1: 11 Most Common Material: GRAVEL Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 0.3 Formation End Depth UOM: m					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006822296			
Layer:		3			
Plug From:		0.9			
Plug To:		3.81			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006822295			
Layer:		2			
Plug From:		0.3			
Plug To:		0.9			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006822294			
Layer:		1			
Plug From:		0			
Plug To:		0.3			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006822285			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006822290			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.39			
Casing Diameter:		5.1			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006822291			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.39			
Screen End Depth:		3.81			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.4			
<u>Water Details</u>					
Water ID:		1006822289			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		2.1			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006822288			
Diameter:		21			
Depth From:		0			
Depth To:		3.81			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

3	1 of 1	-0.0	94.8 / 0.00	Oakville ON	WWIS
Well ID:	7291789			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	8/2/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	6607
Casing Material:				Form Version:	7
Audit No:	Z248473			Owner:	
Tag:	A224534			Street Name:	358 REYNOLDS STREET
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006680845			Elevation:	94.415351
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607168
Code OB Desc:				North83:	4812028
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	6/21/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006822298			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0.3			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006822299			
Layer:		2			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.3			
Formation End Depth:		3.81			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006822308			
Layer:		3			
Plug From:		0.9			
Plug To:		3.81			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006822306			
Layer:		1			
Plug From:		0			
Plug To:		0.3			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006822307			
Layer:		2			
Plug From:		0.3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		0.9			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006822297			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006822302			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.39			
Casing Diameter:		5.1			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006822303			
Layer:		1			
Slot:		10			
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.4			
<u>Water Details</u>					
Water ID:		1006822301			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		2.1			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006822300			
Diameter:		2.1			
Depth From:		0			
Depth To:		3.81			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>4</u>	1 of 1	-/0.0	94.8 / 0.00	358 Reynolds Street Oakville ON	EHS
Order No: 20131031022 Status: C Report Type: Standard Report Report Date: 08-NOV-13 Date Received: 31-OCT-13 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Halton Region Client Prov/State: ON Search Radius (km): .25 X: -79.675457 Y: 43.453534			
<u>5</u>	1 of 13	-/0.0	94.8 / 0.00	Direct Elevator Service Ltd 358 Reynolds Street Oakville ON L6J 3L9	GEN
Generator No: ON4056880 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 238291 SIC Description: ELEVATOR AND ESCALATOR INSTALLATION CONTRACTORS		PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:			
Detail(s)					
Waste Class: 252					
Waste Class Desc: WASTE OILS & LUBRICANTS					
Waste Class: 251					
Waste Class Desc: OIL SKIMMINGS & SLUDGES					
<u>5</u>	2 of 13	-/0.0	94.8 / 0.00	Dr. ROSS PRINCE 358 REYNOLDS STREET OAKVILLE ON	GEN
Generator No: ON2618054 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 621390 SIC Description: Offices of All Other Health Practitioners		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
<u>5</u>	3 of 13	-/0.0	94.8 / 0.00	Dr. ROSS PRINCE 358 REYNOLDS STREET OAKVILLE ON	GEN
Generator No: ON2618054 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 621390 SIC Description: OFFICES OF ALL OTHER HEALTH PRACTITIONERS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
Detail(s)					
Waste Class: 221					
Waste Class Desc: LIGHT FUELS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	4 of 13	-/0.0	94.8 / 0.00	Dr. M.Balasundaram & Dr. Robert Gabriel 358 Reynolds St., Unit 18 Oakville ON L6J 3L9	GEN
Generator No:	ON3678318			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
5	5 of 13	-/0.0	94.8 / 0.00	Dr. H.T. Wu & Dr. Robert Gabriel 358 Reynolds St., Unit 18 Oakville ON L6J 3L9	GEN
Generator No:	ON3678318			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	621110				
SIC Description:		OFFICES OF PHYSICIANS			
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
5	6 of 13	-/0.0	94.8 / 0.00	Dr. H.T. Wu & Dr. Robert Gabriel 358 Reynolds St., Unit 18 Oakville ON L6J 3L9	GEN
Generator No:	ON3678318			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	621110				
SIC Description:		OFFICES OF PHYSICIANS			
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
5	7 of 13	-/0.0	94.8 / 0.00	Dr. H.T. Wu & Dr. Robert Gabriel 358 Reynolds St., Unit 18 Oakville ON L6J 3L9	GEN
Generator No:	ON3678318			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code: 621110		OFFICES OF PHYSICIANS			
SIC Description:					
<u>Detail(s)</u>					
Waste Class: 312		PATHOLOGICAL WASTES			
Waste Class Desc:					
<u>5</u>	8 of 13	-/0.0	94.8 / 0.00	1801473 Ontario Corp. 358 Reynolds St. Suite 3 Oakville ON L6J 3L9	GEN
Generator No: ON8393557		Status:		PO Box No:	
Approval Years: 2010		Contam. Facility:		Country:	
MHSW Facility:		SIC Code: 621510		Choice of Contact:	
SIC Description: Medical and Diagnostic Laboratories				Co Admin:	
				Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: 312		PATHOLOGICAL WASTES			
Waste Class Desc:					
<u>5</u>	9 of 13	-/0.0	94.8 / 0.00	OAKVILLE CYTOLOGY SERVICE 29-125 358 REYNOLDS STREET OAKVILLE ON L6J 3L9	GEN
Generator No: ON0529600		Status:		PO Box No:	
Approval Years: 92,93,94,95,96,97,98		Contam. Facility:		Country:	
MHSW Facility:		SIC Code: 8681		Choice of Contact:	
SIC Description: MEDICAL LABORATORIES				Co Admin:	
				Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: 211		AROMATIC SOLVENTS			
Waste Class Desc:					
Waste Class: 212		ALIPHATIC SOLVENTS			
Waste Class Desc:					
<u>5</u>	10 of 13	-/0.0	94.8 / 0.00	OAKVILLE CYTOLOGY SERVICE 358 REYNOLDS STREET OAKVILLE ON L6J 3L9	GEN
Generator No: ON0529600		Status:		PO Box No:	
Approval Years: 89,99,00,01		Contam. Facility:		Country:	
MHSW Facility:		SIC Code: 8681		Choice of Contact:	
SIC Description: MEDICAL LABORATORIES				Co Admin:	
				Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: 211					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			

<u>5</u>	11 of 13	-/0.0	94.8 / 0.00	1801473 Ontario Corp. 358 Reynolds St. Suite 3 Oakville ON L6J 3L9	GEN
Generator No:	ON8393557			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621510				
SIC Description:	Medical and Diagnostic Laboratories				

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

<u>5</u>	12 of 13	-/0.0	94.8 / 0.00	358 REYNOLDS STREET, OAKVILLE ON	INC
Incident No:	962160				
Incident ID:					
Attribute Category:	FS-Perform L1 Incident Insp				
Status Code:					
Incident Location:	358 REYNOLDS STREET, OAKVILLE - LEAK				
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 Occurrence Type:	Leak				
Fuel Type Involved:	Fuel Oil				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date of Occurrence:		2012/12/12 00:00:00			
Time of Occurrence:		08:43:00			
Occur Insp Start Date:		2013/02/05 00:00:00			
Any Health Impact:		No			
Any Environmental Impact:		Unknown			
Was Service Interrupted:		No			
Was Property Damaged:		No			
Operation Type Involved:		Commercial (e.g. restaurant, business unit, etc)			
Enforcement Policy:		NULL			
Prc Escalation Required:		NULL			
Task No:		4208566			
Notes:					
Occurrence Narrative:		UST Removal			
Tank Material Type:					
Tank Storage Type:					
Tank Location Type:					
Pump Flow Rate Capac:					
Liquid Prop Notes:					

<u>5</u>	13 of 13	-/0.0	94.8 / 0.00	Oakville Medical Arts Pharmacy<UNOFFICIAL> 358 Reynolds Street Oakville ON	SPL
Ref No:	7631-92WJ5K			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	12-DEC-12			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Leak/Break			Sector Type:	Tank - Underground
Incident Event:				Agency Involved:	
Contaminant Code:	13			Nearest Watercourse:	
Contaminant Name:	FUEL OIL			Site Address:	358 Reynolds Street
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Confirmed			Site Municipality:	Oakville
Nature of Impact:	Other Impact(s); Soil Contamination			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	12-DEC-12			Site Map Datum:	
Dt Document Closed:	04-JAN-13			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Other			Source Type:	
Site Name:	Oakville Medical Arts Pharmacy<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA: UST leak				
Contaminant Qty:	0 other - see incident description				

<u>6</u>	1 of 1	S/0.4	93.3 / -1.54	ON	WWIS
Well ID:	7289805			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	7/7/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z258132			Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:	A208923			Street Name:	337 & 339 TRAFALGAR RD
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006604832	Elevation:	93.438301
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607150
Code OB Desc:		North83:	4811978
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/6/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006620690
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	
Other Materials:	
Formation Top Depth:	0.5
Formation End Depth:	9
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1006620692
Layer:	4
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	16

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006620691			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		9			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006620689			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0.5			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006620700			
Layer:		1			
Plug From:		0			
Plug To:		0.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006620702			
Layer:		3			
Plug From:		5			
Plug To:		16			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006620701			
Layer:		2			
Plug From:		0.5			
Plug To:		5			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Method of Construction & Well Use

Method Construction ID:
 Method Construction Code: D
 Method Construction: Direct Push
 Other Method Construction:

Pipe Information

Pipe ID: 1006620688
 Casing No: 0
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 1006620695
 Layer: 1
 Material: 5
 Open Hole or Material: PLASTIC
 Depth From: 0
 Depth To: 6
 Casing Diameter: 2
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006620696
 Layer: 1
 Slot: 10.
 Screen Top Depth: 6
 Screen End Depth: 16
 Screen Material: 5
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 2.25

Hole Diameter

Hole ID: 1006620693
 Diameter: 6
 Depth From: 0
 Depth To: 16
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

<u>7</u>	1 of 1	SSW/1.7	93.3 / -1.50	OAKVILLE ON	WWIS
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Well ID: 7296643
 Construction Date:
 Primary Water Use: Test Hole
 Sec. Water Use: Monitoring
 Final Well Status: Monitoring and Test Hole
 Water Type:
 Casing Material:
 Audit No: Z270148
 Tag: A199453

Data Entry Status:
 Data Src:
 Date Received: 10/5/2017
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 7241
 Form Version: 7
 Owner:
 Street Name: 272 MACDONALD RD.

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				County: HALTON Municipality: OAKVILLE TOWN Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	

Bore Hole Information

Bore Hole ID:	1006759744	Elevation:	93.732704
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607133
Code OB Desc:		North83:	4811979
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	9/15/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006955595
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1006955604
Layer:	2
Plug From:	1
Plug To:	4
Plug Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1006955603
Layer:	1
Plug From:	0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:	1				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006955605				
Layer:	3				
Plug From:	4				
Plug To:	15				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	B				
Method Construction:	Other Method				
Other Method Construction:	DIRECT PUSH				
<u>Pipe Information</u>					
Pipe ID:	1006955594				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1006955598				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	5				
Casing Diameter:	2				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	1006955599				
Layer:	1				
Slot:	10				
Screen Top Depth:	5				
Screen End Depth:	15				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	2.25				
<u>Hole Diameter</u>					
Hole ID:	1006955596				
Diameter:	4				
Depth From:	0				
Depth To:	15				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>8</u>	1 of 1	SSW/8.0	92.9 / -1.99	Oakville ON	WWIS
Well ID:		7289846		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Test Hole		Date Received: 7/7/2017	
Sec. Water Use:		Monitoring		Selected Flag: Yes	
Final Well Status:		Observation Wells		Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No:		Z258131		Owner:	
Tag:		A211583		Street Name: 337 & 349 TRAFALGAR RD	
Construction Method:				County: HALTON	
Elevation (m):				Municipality: OAKVILLE TOWN	
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1006607622		Elevation: 93.430419	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 17	
Code OB:				East83: 607139	
Code OB Desc:				North83: 4811967	
Open Hole:				Org CS: UTM83	
Cluster Kind:				UTMRC: 4	
Date Completed:		5/6/2017		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006661069			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		14			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006661066			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0.5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006661068			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		9			
Formation End Depth:		14			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006661067			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		0.5			
Formation End Depth:		9			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006661077			
Layer:		1			
Plug From:		0			
Plug To:		0.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006661078			
Layer:		2			
Plug From:		0.5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		6			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006661079			
Layer:		3			
Plug From:		6			
Plug To:		17			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006661065			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006661072			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006661073			
Layer:		1			
Slot:		010			
Screen Top Depth:		7			
Screen End Depth:		17			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Hole Diameter</u>					
Hole ID:		1006661070			
Diameter:		6			
Depth From:		0			
Depth To:		17			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 1	NE/17.8	94.8 / 0.00	OAKVILLE CYTOLOGY SERVICE 345 REYNOLDS STREET OAKVILLE ON L6J 3L9	GEN
Generator No:		ON0529600		PO Box No:	
Status:				Country:	
Approval Years:		86,87,88		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		8681			
SIC Description:		MEDICAL LABORATORIES			
<u>Detail(s)</u>					
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			

10	1 of 1	NE/20.2	94.8 / 0.00	OAKVILLE ON	WWIS
Well ID:		7043549		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received: 5/14/2007	
Sec. Water Use:				Selected Flag: Yes	
Final Well Status:		Observation Wells		Abandonment Rec:	
Water Type:				Contractor: 7215	
Casing Material:				Form Version: 3	
Audit No:		Z70347		Owner:	
Tag:		A055273		Street Name: 327 REYNOLD ST.	
Construction Method:				County: HALTON	
Elevation (m):				Municipality: OAKVILLE TOWN	
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:		11765899		Elevation: 94.838661	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 17	
Code OB:		—		East83: 607201	
Code OB Desc:		No formation data		North83: 4812048	
Open Hole:				Org CS: UTM83	
Cluster Kind:				UTMRC: 3	
Date Completed:		4/15/2007		UTMRC Desc: margin of error : 10 - 30 m	
Remarks:				Location Method: wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Annular Space/Abandonment

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Sealing Record</u>					
Plug ID:		933318656			
Layer:		3			
Plug From:		1			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933318655			
Layer:		2			
Plug From:		5			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933318654			
Layer:		1			
Plug From:		11			
Plug To:		5			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11773589			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930899143			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		6			
Depth To:		0			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933424425			
Layer:		1			
Slot:		10			
Screen Top Depth:		6			
Screen End Depth:		11			
Screen Material:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Hole Diameter</u>					
Hole ID:		11852420			
Diameter:		8			
Depth From:		11			
Depth To:		0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

11	1 of 1	SSE/20.5	93.8 / -1.06	Oakville ON	WWIS
Well ID:	7289804			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	7/7/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z258130			Owner:	
Tag:	A211615			Street Name:	337 & 339 TRAFALGAR RD
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006604829	Elevation:	93.085357
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607169
Code OB Desc:		North83:	4811970
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/6/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006620612
Layer:	2
Color:	6
General Color:	BROWN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		28			
Most Common Material:		SAND			
Mat2:		01			
Other Materials:		FILL			
Mat3:					
Other Materials:					
Formation Top Depth:		0.333			
Formation End Depth:		9			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006620614			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		14			
Formation End Depth:		16			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006620611			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0.333			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006620613			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		9			
Formation End Depth:		14			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Sealing Record</u>					
Plug ID:		1006620622			
Layer:		1			
Plug From:		0			
Plug To:		0.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006620623			
Layer:		2			
Plug From:		0.5			
Plug To:		5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006620624			
Layer:		3			
Plug From:		5			
Plug To:		16			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006620610			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006620617			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		6			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006620618			
Layer:		1			
Slot:		10			
Screen Top Depth:		6			
Screen End Depth:		16			
Screen Material:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Hole Diameter</u>					
Hole ID:		1006620615			
Diameter:		6			
Depth From:		0			
Depth To:		16			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

12	1 of 1	ENE/22.2	94.8 / 0.00	Oakville ON	WWIS
Well ID:	7284459			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	4/5/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7383
Casing Material:				Form Version:	7
Audit No:	Z241850			Owner:	
Tag:	A212213			Street Name:	327 REYNOLDS ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006375920	Elevation:	94.832473
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607204
Code OB Desc:		North83:	4812048
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/11/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006631089
Layer:	1
Plug From:	0
Plug To:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006631091			
Layer:		3			
Plug From:		2			
Plug To:		13			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006631090			
Layer:		2			
Plug From:		1			
Plug To:		2			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006631081			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006631085			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006631086			
Layer:		1			
Slot:		10			
Screen Top Depth:		3			
Screen End Depth:		13			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.375			
<u>Hole Diameter</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID:		1006631083			
Diameter:		8.5			
Depth From:		0			
Depth To:		13			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

[13](#) 1 of 1 NE/24.3 94.8 / 0.00 OAKVILLE ON [WWIS](#)

Well ID:	7261930	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring and Test Hole	Date Received:	4/25/2016
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z228346	Owner:	
Tag:	A197973	Street Name:	327 REYNOLDS STREET
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	OAKVILLE TOWN
Elevation Reliability:		Site Info:	WKQ-008754 A0-A06
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:	1005937861	Elevation:	95.110481
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607188
Code OB Desc:		North83:	4812062
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/15/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006043964
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Other Materials:	
Mat3:	91
Other Materials:	WATER-BEARING

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:	6				
Formation End Depth:	14				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	1006043963				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	11				
Other Materials:	GRAVEL				
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	6				
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006043973				
Layer:	2				
Plug From:	1				
Plug To:	3				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006043974				
Layer:	3				
Plug From:	3				
Plug To:	14				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006043972				
Layer:	1				
Plug From:	0				
Plug To:	1				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	2				
Method Construction:	Rotary (Convent.)				
Other Method Construction:	DIRECT PUSH				
<u>Pipe Information</u>					
Pipe ID:	1006043962				
Casing No:	0				
Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
Casing ID:		1006043967			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006043968			
Layer:		1			
Slot:		10			
Screen Top Depth:		4			
Screen End Depth:		14			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Hole Diameter</u>					
Hole ID:		1006043965			
Diameter:		8			
Depth From:		0			
Depth To:		14			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
14	1 of 2	WSW/30.4	95.2 / 0.33	Union Gas Limited 271 MacDonald Road Oakville ON L6J 2A6	SPL
Ref No:	4350-BBKVNM			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	4/25/2019			Health/Env Conseq:	2 - Minor Environment Corporation
Year:				Client Type:	Miscellaneous Industrial
Incident Cause:				Sector Type:	
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	271 MacDonald Road
Contaminant Limit 1:				Site District Office:	Halton-Peel
Contam Limit Freq 1:				Site Postal Code:	L6J 2A6
Contaminant UN No 1:	1075			Site Region:	Central
Environment Impact:				Site Municipality:	Oakville
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	4811990.44
MOE Response:	No			Easting:	607101.71
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	4/25/2019			Site Map Datum:	
Dt Document Closed:	5/8/2019			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	Valve/Fitting/Piping
Site Name:	Private Residence<UNOFFICIAL>				
Site County/District:	Regional Municipality of Halton				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Geo Ref Meth: Incident Summary: TSSA FSB: 1/2" Plastic Line Strike, <420 kpa - made safe Contaminant Qty: 1 other - see incident description					
14	2 of 2	WSW/30.4	95.2 / 0.33	Union Gas Limited 271 Macdonald Road Oakville ON	SPL
Ref No: 3817-B24T5P Site No: NA Incident Dt: 2018/06/26 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1075 Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2018/06/26 Dt Document Closed: Incident Reason: Operator/Human Error Site Name: Residential Site <UNOFFICIAL> Site County/District: Regional Municipality of Halton Site Geo Ref Meth: Incident Summary: TSSA FSB 1/2" PL and Meter Damage, made safe Contaminant Qty: 1 other - see incident description					
Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Corporation Client Type: Miscellaneous Communal Sector Type: Agency Involved: Nearest Watercourse: Site Address: 271 Macdonald Road Site District Office: Halton-Peel Site Postal Code: Site Region: Central Site Municipality: Oakville Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Valve/Fitting/Piping Source Type:					

15	1 of 1	NNE/32.5	95.0 / 0.17	OAKVILLE ON	WWIS
Well ID: 7262051 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Monitoring and Test Hole Water Type: Casing Material: Audit No: Z231618 Tag: A197670 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: Date Received: 4/25/2016 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 327 REYNOLDS STREET County: HALTON Municipality: OAKVILLE TOWN Site Info: WKQ-008815 A0-A00 Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1005938884			Elevation:	95.286468
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607185
Code OB Desc:				North83:	4812074
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	1/1/2016			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	1006053247
Layer:	2
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1006053246
Layer:	1
Color:	2
General Color:	GREY
Mat1:	27
Most Common Material:	OTHER
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1006053256
Layer:	2
Plug From:	0.5
Plug To:	0.9
Plug Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1006053255			
Layer:		1			
Plug From:		0			
Plug To:		0.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006053257			
Layer:		3			
Plug From:		0.9			
Plug To:		2			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006053245			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006053250			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1			
Casing Diameter:		1.5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006053251			
Layer:		1			
Slot:		10			
Screen Top Depth:		1			
Screen End Depth:		2			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.75			
<u>Hole Diameter</u>					
Hole ID:		1006053248			
Diameter:		3.5			
Depth From:		0			
Depth To:		2			
Hole Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		inch			
16	1 of 1	E/35.0	93.8 / -1.07	344 REYNOLDS STREET OAKVILLE ON L6J 3L8	HINC
External File Num:		FS INC 0610-03058			
Fuel Occurrence Type:					
Date of Occurrence:					
Fuel Type Involved:					
Status Desc:		Completed - No Action Required			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:					
Service Interruptions:					
Property Damage:					
Fuel Life Cycle Stage:					
Root Cause:					
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Halton			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
17	1 of 1	SSE/45.7	92.8 / -2.02	337 Trafalgar Rd Oakville ON L6J3H3	EHS
Order No:		20170405126		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		12-APR-17		Search Radius (km): .25	
Date Received:		05-APR-17		X: -79.675415	
Previous Site Name:				Y: 43.452637	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos			
18	1 of 1	E/47.0	93.9 / -0.98	OAKVILLE ON	WWIS
Well ID:		7302146		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Test Hole		Date Received: 12/22/2017	
Sec. Water Use:		Monitoring		Selected Flag: Yes	
Final Well Status:		Observation Wells		Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No:		Z268296		Owner:	
Tag:		A167720		Street Name: 372 REYNOLDS ST	
Construction Method:				County: HALTON	
Elevation (m):				Municipality: OAKVILLE TOWN	
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:	

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

Bore Hole Information

Bore Hole ID:	1006921385	Elevation:	93.845359
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607235
Code OB Desc:		North83:	4812023
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	10/17/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1007098061
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	13
Formation End Depth:	30
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1007098060
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	13
Formation End Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1007098072
Layer:	3
Plug From:	19
Plug To:	30
Plug Depth UOM:	ft

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007098070			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007098071			
Layer:		2			
Plug From:		1			
Plug To:		19			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007098059			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007098065			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		20			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007098066			
Layer:		1			
Slot:		10			
Screen Top Depth:		20			
Screen End Depth:		30			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Hole Diameter</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID:		1007098062			
Diameter:		5			
Depth From:		0			
Depth To:		15			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007098063			
Diameter:		4			
Depth From:		15			
Depth To:		30			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

19	1 of 1	ENE/57.3	94.0 / -0.87	OAKVILLE ON	WWIS
Well ID:	7302139			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/22/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z258485			Owner:	
Tag:	A199368			Street Name:	348 ALLEN ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006921364	Elevation:	94.022499
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607246
Code OB Desc:		North83:	4812036
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	10/12/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007097942

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:			4		
Color:			2		
General Color:			GREY		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Other Materials:					
Mat3:			71		
Other Materials:			FRACTURED		
Formation Top Depth:			5.5		
Formation End Depth:			16.5		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1007097939		
Layer:			1		
Color:			2		
General Color:			GREY		
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:					
Other Materials:					
Mat3:			73		
Other Materials:			HARD		
Formation Top Depth:			0		
Formation End Depth:			1		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1007097940		
Layer:			2		
Color:			6		
General Color:			BROWN		
Mat1:			28		
Most Common Material:			SAND		
Mat2:					
Other Materials:					
Mat3:			73		
Other Materials:			HARD		
Formation Top Depth:			1		
Formation End Depth:			3		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1007097941		
Layer:			3		
Color:			2		
General Color:			GREY		
Mat1:			34		
Most Common Material:			TILL		
Mat2:					
Other Materials:					
Mat3:			73		
Other Materials:			HARD		
Formation Top Depth:			3		
Formation End Depth:			5.5		
Formation End Depth UOM:			ft		

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007097951			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007097953			
Layer:		3			
Plug From:		7.5			
Plug To:		16.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007097952			
Layer:		2			
Plug From:		1			
Plug To:		7.5			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007097938			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007097946			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		9.5			
Casing Diameter:		1.38			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007097947			
Layer:		1			
Slot:		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top Depth:		8.5			
Screen End Depth:		16.5			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.66			
<u>Hole Diameter</u>					
Hole ID:		1007097943			
Diameter:		2.875			
Depth From:		0			
Depth To:		8			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007097944			
Diameter:		2.25			
Depth From:		8			
Depth To:		16.5			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
20	1 of 1	E/58.0	93.8 / -1.06	OAKVILLE ON	WWIS
Well ID:	7304394			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	1/25/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	7464
Casing Material:				Form Version:	7
Audit No:	Z267733			Owner:	
Tag:	A199223			Street Name:	327 RENYOLDS STREET
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006976813			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607246
Code OB Desc:				North83:	4812022
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	1/5/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Pipe Information</u>					
Pipe ID:			1007156063		
Casing No:			0		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			1007156067		
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Screen</u>					
Screen ID:			1007156068		
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:			ft		
Screen Diameter UOM:			inch		
Screen Diameter:					
<u>Water Details</u>					
Water ID:			1007156066		
Layer:			1		
Kind Code:					
Kind:					
Water Found Depth:			9.98		
Water Found Depth UOM:			ft		
<u>Hole Diameter</u>					
Hole ID:			1007156065		
Diameter:			2		
Depth From:			0		
Depth To:			20		
Hole Depth UOM:			ft		
Hole Diameter UOM:			inch		

21	1 of 1	ENE/63.5	94.3 / -0.50	OAKVILLE ON	WWIS
Well ID:	7309395			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/22/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z258486			Owner:	
Tag:	A199224			Street Name:	348 ALLEN ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1007019727	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607251
Code OB Desc:		North83:	4812045
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	10/13/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007072870
Layer:	4
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7.5
Formation End Depth:	19.5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007072867
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007072869			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		3			
Formation End Depth:		7.5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007072868			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007072879			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007072881			
Layer:		3			
Plug From:		10.5			
Plug To:		19.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007072880			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Plug From:		1			
Plug To:		10.5			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007072866			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007072874			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:					
Casing Diameter:		1.38			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007072875			
Layer:		1			
Slot:		10			
Screen Top Depth:		11.5			
Screen End Depth:		19.5			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.66			
<u>Hole Diameter</u>					
Hole ID:		1007072871			
Diameter:		2.875			
Depth From:		0			
Depth To:		10			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007072872			
Diameter:		2.25			
Depth From:		10			
Depth To:		19.5			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 1	E/71.1	93.8 / -1.02	ON	WWIS
Well ID:	7281191			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	2/15/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	7464
Casing Material:				Form Version:	8
Audit No:	C35020			Owner:	
Tag:	A208340			Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006353557			Elevation:	93.534423
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607259
Code OB Desc:				North83:	4812020
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	9/27/2016			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
23	1 of 1	E/71.7	93.8 / -1.02	OAKVILLE ON	WWIS
Well ID:	7302140			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/22/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z258484			Owner:	
Tag:	A199223			Street Name:	348 ALLEN ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N): Flow Rate: Clear/Cloudy:				Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	1006921367			Elevation:	93.478088
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607259
Code OB Desc:				North83:	4812017
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/11/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007097958				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Other Materials:					
Mat3:	71				
Other Materials:	FRACTURED				
Formation Top Depth:	5				
Formation End Depth:	17				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007097955				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Other Materials:					
Mat3:	73				
Other Materials:	HARD				
Formation Top Depth:	0				
Formation End Depth:	1				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007097957				
Layer:	3				
Color:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		4			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007097956			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		1			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007097968			
Layer:		2			
Plug From:		1			
Plug To:		8			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007097967			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007097969			
Layer:		3			
Plug From:		8			
Plug To:		17			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					

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

Pipe ID: 1007097954
 Casing No: 0
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 1007097962
 Layer: 1
 Material: 5
 Open Hole or Material: PLASTIC
 Depth From: 0
 Depth To: 9
 Casing Diameter: 1.38
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007097963
 Layer: 1
 Slot: 10
 Screen Top Depth: 9
 Screen End Depth: 17
 Screen Material: 5
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 1.66

Hole Diameter

Hole ID: 1007097960
 Diameter: 2.25
 Depth From: 6
 Depth To: 17
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1007097959
 Diameter: 2.875
 Depth From: 0
 Depth To: 6
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

24	1 of 1	SE/72.6	93.0 / -1.80	OAKVILLE ON	WWIS
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Well ID: 7304393
 Construction Date:
 Primary Water Use:
 Sec. Water Use:
 Final Well Status: Abandoned-Other
 Water Type:
 Casing Material:
 Audit No: Z267732

Data Entry Status:
 Data Src:
 Date Received: 1/25/2018
 Selected Flag: Yes
 Abandonment Rec: Yes
 Contractor: 7464
 Form Version: 7
 Owner:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:	A199198			Street Name:	327 RENYOLDS STREET
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006976810	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607216
Code OB Desc:		North83:	4811946
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	5
Date Completed:	1/5/2018	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Pipe Information

Pipe ID:	1007156056
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007156060
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007156061
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		1007156059			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		5.13			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007156058			
Diameter:		2			
Depth From:		0			
Depth To:		20			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

<u>25</u>	1 of 11	S/73.6	91.8 / -3.02	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
Generator No:	ON8732377			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	611690				
SIC Description:	ALL OTHER SCHOOLS AND INSTRUCTION				
<u>Detail(s)</u>					
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				

<u>25</u>	2 of 11	S/73.6	91.8 / -3.02	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
Generator No:	ON8732377			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	611690				
SIC Description:	ALL OTHER SCHOOLS AND INSTRUCTION				
<u>Detail(s)</u>					
Waste Class:	145				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

[25](#) 3 of 11 S/73.6 91.8 / -3.02 **MacLachlan College
337 Trafalgar Road
Oakville ON L6J 3H3** **GEN**

Generator No: ON8732377 **PO Box No:**
Status: Registered **Country:** Canada
Approval Years: As of Dec 2018 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code:
SIC Description:

Detail(s)

Waste Class: 112 C
Waste Class Desc: Acid solutions - containing heavy metals

Waste Class: 263 C
Waste Class Desc: Misc. waste organic chemicals

[25](#) 4 of 11 S/73.6 91.8 / -3.02 **MacLachlan College
337 Trafalgar Road
Oakville ON L6J 3H3** **GEN**

Generator No: ON8732377 **PO Box No:**
Status: **Country:** Canada
Approval Years: 2016 **Choice of Contact:** CO_OFFICIAL
Contam. Facility: No **Co Admin:**
MHSW Facility: No **Phone No Admin:**
SIC Code: 611690
SIC Description: ALL OTHER SCHOOLS AND INSTRUCTION

Detail(s)

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	5 of 11	S/73.6	91.8 / -3.02	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
Generator No:	ON8732377			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		263 C			
Waste Class Desc:		Misc. waste organic chemicals			
25	6 of 11	S/73.6	91.8 / -3.02	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
Generator No:	ON8732377			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611690				
SIC Description:		All Other Schools and Instruction			
<u>Detail(s)</u>					
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
25	7 of 11	S/73.6	91.8 / -3.02	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
Generator No:	ON8732377			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611690				
SIC Description:		All Other Schools and Instruction			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

<u>25</u>	8 of 11	S/73.6	91.8 / -3.02	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
Generator No:	ON8732377			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611690				
SIC Description:	All Other Schools and Instruction				

<u>Detail(s)</u>					
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			

<u>25</u>	9 of 11	S/73.6	91.8 / -3.02	MacLachlan College 337 Trafalgar Road Oakville ON	GEN
Generator No:	ON8732377			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611690				
SIC Description:	ALL OTHER SCHOOLS AND INSTRUCTION				

<u>Detail(s)</u>					
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			

25	10 of 11	S/73.6	91.8 / -3.02	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
Generator No:	ON8732377			PO Box No:	
Status:				Country:	
Approval Years:	05,06			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611690				
SIC Description:	All Other Schools and Instruction				
<u>Detail(s)</u>					
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

25	11 of 11	S/73.6	91.8 / -3.02	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
Generator No:	ON8732377			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611690				
SIC Description:	All Other Schools and Instruction				
<u>Detail(s)</u>					
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
26	1 of 1	NW/75.3	96.8 / 1.92	A & T CUSTOM MIRRORS 384 REYNOLDS ST OAKVILLE ON L6J 3M2	SCT
Established:		1986			
Plant Size (ft²):		1000			
Employment:		1			
--Details--					
Description:		WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED			
SIC/NAICS Code:		2511			
Description:		GLASS PRODUCTS, MADE OF PURCHASED GLASS			
SIC/NAICS Code:		3231			
27	1 of 1	E/79.6	93.9 / -0.94	OAKVILLE ON	WWIS
Well ID:		7302144		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Test Hole		Date Received:	12/22/2017
Sec. Water Use:		Monitoring		Selected Flag:	Yes
Final Well Status:		Observation Wells		Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:		Z268294		Owner:	
Tag:		A171244		Street Name:	372 REYNOLDS ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:		1006921379		Elevation:	93.138175
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607263
Code OB Desc:				North83:	4812003
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		10/16/2017		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1007098022		
Layer:			1		
Color:			6		
General Color:			BROWN		
Mat1:			28		
Most Common Material:			SAND		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			0		
Formation End Depth:			12		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1007098023		
Layer:			2		
Color:			2		
General Color:			GREY		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Other Materials:					
Mat3:			91		
Other Materials:			WATER-BEARING		
Formation Top Depth:			12		
Formation End Depth:			30		
Formation End Depth UOM:			ft		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1007098034		
Layer:			3		
Plug From:			19		
Plug To:			30		
Plug Depth UOM:			ft		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1007098033		
Layer:			2		
Plug From:			1		
Plug To:			19		
Plug Depth UOM:			ft		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1007098032		
Layer:			1		
Plug From:			0		
Plug To:			1		
Plug Depth UOM:			ft		
<u>Method of Construction & Well</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007098021			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007098027			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		20			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007098028			
Layer:		1			
Slot:		10			
Screen Top Depth:		20			
Screen End Depth:		30			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Hole Diameter</u>					
Hole ID:		1007098025			
Diameter:		4			
Depth From:		15			
Depth To:		30			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007098024			
Diameter:		4.5			
Depth From:		0			
Depth To:		15			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

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1 of 1

E/81.1

93.9 / -0.94

OAKVILLE ON

WWIS

Well ID: 7302081
Construction Date:

Data Entry Status:
Data Src:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use:	Test Hole			Date Received:	12/22/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z238060			Owner:	
Tag:	A233883			Street Name:	348 ALLEN ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006920590	Elevation:	93.148948
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607265
Code OB Desc:		North83:	4812004
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	10/26/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007096833
Layer:	3
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	
Other Materials:	
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	3
Formation End Depth:	7.5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007096831
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007096832			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007096834			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:		71			
Other Materials:		FRACTURED			
Formation Top Depth:		7.5			
Formation End Depth:		18.5			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007096844			
Layer:		2			
Plug From:		1			
Plug To:		9.5			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007096843			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1007096845			
Layer:		3			
Plug From:		9.5			
Plug To:		18.5			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007096830			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007096838			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		10.5			
Casing Diameter:		1.38			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007096839			
Layer:		1			
Slot:		10			
Screen Top Depth:		10.5			
Screen End Depth:		18.5			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.66			
<u>Hole Diameter</u>					
Hole ID:		1007096836			
Diameter:		2.25			
Depth From:		8			
Depth To:		18.5			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007096835			
Diameter:		2.815			
Depth From:		0			
Depth To:		8			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

29	1 of 1	E/83.3	93.9 / -0.94	OAKVILLE ON	WWIS
Well ID:	7302080			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/22/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z238061			Owner:	
Tag:	A199199			Street Name:	348 ALLEN ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006920555	Elevation:	93.234794
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607269
Code OB Desc:		North83:	4812009
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	10/27/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1007096817
Layer:	3
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	
Other Materials:	
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	3
Formation End Depth:	6
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1007096815		
Layer:			1		
Color:			2		
General Color:			GREY		
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:					
Other Materials:					
Mat3:			73		
Other Materials:			HARD		
Formation Top Depth:			0		
Formation End Depth:			1		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1007096816		
Layer:			2		
Color:			6		
General Color:			BROWN		
Mat1:			28		
Most Common Material:			SAND		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			1		
Formation End Depth:			3		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1007096818		
Layer:			4		
Color:			2		
General Color:			GREY		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Other Materials:					
Mat3:			71		
Other Materials:			FRACTURED		
Formation Top Depth:			6		
Formation End Depth:			17.5		
Formation End Depth UOM:			ft		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1007096828		
Layer:			2		
Plug From:			1		
Plug To:			8.5		
Plug Depth UOM:			ft		
<u>Annular Space/Abandonment Sealing Record</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Plug ID:		1007096827			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007096829			
Layer:		3			
Plug From:		8.5			
Plug To:		17.5			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007096814			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007096822			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		9.5			
Casing Diameter:		1.38			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007096823			
Layer:		1			
Slot:		10			
Screen Top Depth:		9.5			
Screen End Depth:		17.5			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.66			
<u>Hole Diameter</u>					
Hole ID:		1007096820			
Diameter:		2.25			
Depth From:		6			
Depth To:		175			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007096819			
Diameter:		2.875			
Depth From:		0			
Depth To:		6			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

<u>30</u>	1 of 2	SE/84.9	92.9 / -1.96	Oakville ON	WWIS
Well ID:		7304401		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received: 1/25/2018	
Sec. Water Use:				Selected Flag: Yes	
Final Well Status:		Abandoned-Other		Abandonment Rec: Yes	
Water Type:				Contractor: 7464	
Casing Material:				Form Version: 7	
Audit No:		Z256008		Owner:	
Tag:		A189950		Street Name: 327 REYNOLDS STREET	
Construction Method:				County: HALTON	
Elevation (m):				Municipality: OAKVILLE TOWN	
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:		1006976834		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 17	
Code OB:				East83: 607229	
Code OB Desc:				North83: 4811943	
Open Hole:				Org CS: UTM83	
Cluster Kind:				UTMRC: 5	
Date Completed:		1/5/2018		UTMRC Desc: margin of error : 100 m - 300 m	
Remarks:				Location Method: wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Pipe Information

Pipe ID:		1007156233	
Casing No:		0	
Comment:			
Alt Name:			

Construction Record - Casing

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 1007156237					
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Construction Record - Screen</u>					
Screen ID: 1007156238					
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM: ft					
Screen Diameter UOM: inch					
Screen Diameter:					
<u>Water Details</u>					
Water ID: 1007156236					
Layer: 1					
Kind Code:					
Kind:					
Water Found Depth: 5.13					
Water Found Depth UOM: ft					
<u>Hole Diameter</u>					
Hole ID: 1007156235					
Diameter: 2					
Depth From: 0					
Depth To: 20					
Hole Depth UOM: ft					
Hole Diameter UOM: inch					

[30](#)

2 of 2

SE/84.9

92.9 / -1.96

OAKVILLE ON

[WWIS](#)

Well ID:	7304392	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	1/25/2018
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	7464
Casing Material:		Form Version:	7
Audit No:	Z256010	Owner:	
Tag:	A199368	Street Name:	327 SAGE COURT
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	OAKVILLE TOWN
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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006976807			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607229
Code OB Desc:				North83:	4811943
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	6
Date Completed:	1/5/2018			UTMRC Desc:	margin of error : 300 m - 1 km
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Pipe Information</u>					
Pipe ID:	1007156010				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1007156014				
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:	1007156015				
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Water Details</u>					
Water ID:	1007156013				
Layer:	1				
Kind Code:					
Kind:					
Water Found Depth:	4.44				
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Emission Control:					
31	4 of 27	E/85.4	93.9 / -0.94	327 Reynolds St Oakville ON L6J 3L7	EHS
Order No:	20121217031			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	31-DEC-12			Search Radius (km):	.25
Date Received:	17-DEC-12			X:	-79.673052
Previous Site Name:				Y:	43.453285
Lot/Building Size:					
Additional Info Ordered:					
31	5 of 27	E/85.4	93.9 / -0.94	The Corporation of the Town of Oakville 327 Reynolds Street Oakville ON L6J 3L7	GEN
Generator No:	ON4098436			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	122 C				
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)				
Waste Class:	146 L				
Waste Class Desc:	Other specified inorganic sludges, slurries or solids				
Waste Class:	212 L				
Waste Class Desc:	Aliphatic solvents and residues				
Waste Class:	221 L				
Waste Class Desc:	Light fuels				
Waste Class:	243 D				
Waste Class Desc:	PCB				
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
Waste Class:	252 L				
Waste Class Desc:	Waste crankcase oils and lubricants				
31	6 of 27	E/85.4	93.9 / -0.94	HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	GEN
Generator No:	ON0133900			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	HEATHER E EWINGS
MHSW Facility:	No			Phone No Admin:	905-338-4690 Ext.4612
SIC Code:	622111				
SIC Description:	GENERAL (EXCEPT PAEDIATRIC) HOSPITALS				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Detail(s)</i>					
<i>Waste Class:</i>		241			
<i>Waste Class Desc:</i>		HALOGENATED SOLVENTS			
<i>Waste Class:</i>		146			
<i>Waste Class Desc:</i>		OTHER SPECIFIED INORGANICS			
<i>Waste Class:</i>		252			
<i>Waste Class Desc:</i>		WASTE OILS & LUBRICANTS			
<i>Waste Class:</i>		212			
<i>Waste Class Desc:</i>		ALIPHATIC SOLVENTS			
<i>Waste Class:</i>		331			
<i>Waste Class Desc:</i>		WASTE COMPRESSED GASES			
<i>Waste Class:</i>		263			
<i>Waste Class Desc:</i>		ORGANIC LABORATORY CHEMICALS			
<i>Waste Class:</i>		121			
<i>Waste Class Desc:</i>		ALKALINE WASTES - HEAVY METALS			
<i>Waste Class:</i>		312			
<i>Waste Class Desc:</i>		PATHOLOGICAL WASTES			
<i>Waste Class:</i>		122			
<i>Waste Class Desc:</i>		ALKALINE WASTES - OTHER METALS			
<i>Waste Class:</i>		221			
<i>Waste Class Desc:</i>		LIGHT FUELS			
<i>Waste Class:</i>		145			
<i>Waste Class Desc:</i>		PAINT/PIGMENT/COATING RESIDUES			
<i>Waste Class:</i>		148			
<i>Waste Class Desc:</i>		INORGANIC LABORATORY CHEMICALS			
<i>Waste Class:</i>		112			
<i>Waste Class Desc:</i>		ACID WASTE - HEAVY METALS			
<i>Waste Class:</i>		267			
<i>Waste Class Desc:</i>		ORGANIC ACIDS			
<i>Waste Class:</i>		251			
<i>Waste Class Desc:</i>		OIL SKIMMINGS & SLUDGES			
<i>Waste Class:</i>		211			
<i>Waste Class Desc:</i>		AROMATIC SOLVENTS			
<i>Waste Class:</i>		261			
<i>Waste Class Desc:</i>		PHARMACEUTICALS			

<u>31</u>	7 of 27	E/85.4	93.9 / -0.94	OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	GEN
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Generator No:	ON0133900	PO Box No:	
Status:		Country:	
Approval Years:	86,87,88,89,90	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	8611		
SIC Description:	GENERAL HOSPITALS		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			

<u>31</u>	8 of 27	E/85.4	93.9 / -0.94	HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	GEN
Generator No:	ON0133900			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621990				
SIC Description:	All Other Ambulatory Health Care Services				

<u>Detail(s)</u>					
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		261			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

<u>31</u>	9 of 27	E/85.4	93.9 / -0.94	HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	GEN
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Generator No:	ON0133900	PO Box No:	
Status:		Country:	
Approval Years:	2011	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	621990		
SIC Description:	All Other Ambulatory Health Care Services		

Detail(s)

Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
31	10 of 27	E/85.4	93.9 / -0.94	HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON	GEN
Generator No:	ON0133900			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621990				
SIC Description:	ALL OTHER AMBULATORY HEALTH CARE SERVICES				
<u>Detail(s)</u>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	11 of 27	E/85.4	93.9 / -0.94	HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	GEN
Generator No:	ON0133900			PO Box No:	
Status:				Country:	
Approval Years:	02,03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	243				
Waste Class Desc:	PCB'S				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	321				
Waste Class Desc:	EXPLOSIVE MANUFACTURING WASTES				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	148				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			

[31](#) 12 of 27 E/85.4 93.9 / -0.94 **OAKVILLE-TRAFALGAR MEMORIAL 29-094 HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7** **GEN**

Generator No:	ON0133900	PO Box No:	
Status:		Country:	
Approval Years:	94	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	8611		
SIC Description:	GENERAL HOSPITALS		

Detail(s)

Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	243
Waste Class Desc:	PCB'S
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS

[31](#) 13 of 27 E/85.4 93.9 / -0.94 **HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON L6J 3L7** **GEN**

Generator No:	ON0133900	PO Box No:	
Status:		Country:	Canada
Approval Years:	2014	Choice of Contact:	CO_ADMIN
Contam. Facility:	No	Co Admin:	ROBERTA E SILCOCK
MHSW Facility:	No	Phone No Admin:	905-338-4690 Ext.4612
SIC Code:	622111		
SIC Description:	GENERAL (EXCEPT PAEDIATRIC) HOSPITALS		

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Desc:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Class: Waste Class Desc:		241 HALOGENATED SOLVENTS			
Waste Class: Waste Class Desc:		211 AROMATIC SOLVENTS			
Waste Class: Waste Class Desc:		112 ACID WASTE - HEAVY METALS			
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			
Waste Class: Waste Class Desc:		331 WASTE COMPRESSED GASES			
Waste Class: Waste Class Desc:		263 ORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		121 ALKALINE WASTES - HEAVY METALS			
Waste Class: Waste Class Desc:		251 OIL SKIMMINGS & SLUDGES			
Waste Class: Waste Class Desc:		122 ALKALINE WASTES - OTHER METALS			
Waste Class: Waste Class Desc:		212 ALIPHATIC SOLVENTS			
Waste Class: Waste Class Desc:		148 INORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		146 OTHER SPECIFIED INORGANICS			
Waste Class: Waste Class Desc:		221 LIGHT FUELS			
Waste Class: Waste Class Desc:		261 PHARMACEUTICALS			
Waste Class: Waste Class Desc:		252 WASTE OILS & LUBRICANTS			

31 14 of 27 **E/85.4** **93.9 / -0.94** **HALTON HEALTHCARE SERVICES
327 REYNOLDS STREET
OAKVILLE ON L6J 3L7** **GEN**

Generator No:	ON0133900	PO Box No:	
Status:		Country:	
Approval Years:	2012	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	621990		
SIC Description:	All Other Ambulatory Health Care Services		

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			

<u>31</u>	15 of 27	E/85.4	93.9 / -0.94	HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	GEN
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Generator No:	ON0133900	PO Box No:	
Status:		Country:	
Approval Years:	2010	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	621990		
SIC Description:	All Other Ambulatory Health Care Services		

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	261

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

31	16 of 27	E/85.4	93.9 / -0.94	HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	GEN
Generator No:	ON0133900			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	HEATHER E EWINGS
MHSW Facility:	No			Phone No Admin:	905-338-4690 Ext.4612
SIC Code:	622111				
SIC Description:	GENERAL (EXCEPT PAEDIATRIC) HOSPITALS				

Detail(s)

Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		267			
Waste Class Desc:		ORGANIC ACIDS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			

<u>31</u>	17 of 27	<i>E/85.4</i>	93.9 / -0.94	OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	GEN
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Generator No:	ON0133900	PO Box No:	
Status:		Country:	
Approval Years:	92,93,95,96,97,98,99,00,01	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	8611		
SIC Description:	GENERAL HOSPITALS		

Detail(s)

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	243
Waste Class Desc:	PCB'S
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
31	18 of 27	E/85.4	93.9 / -0.94	The Corporation of the Town of Oakville 327 Reynolds Street Oakville ON L6J 3L7	GEN
Generator No:		ON4098436		PO Box No:	
Status:		Registered		Country:	Canada
Approval Years:		As of Jul 2019		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		221 L			
Waste Class Desc:		Light fuels			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		243 D			
Waste Class Desc:		PCB			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		146 L			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
31	19 of 27	E/85.4	93.9 / -0.94	OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	NPCB
Company Code:		O0348			
Industry:		School/Care/Facility			
Site Status:					
Transaction Date:		10/6/1993			
Inspection Date:		12/2/1991			
31	20 of 27	E/85.4	93.9 / -0.94	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET REYNOLDS STREET OAKVILLE ON L6J 3L7	NPCB
Company Code:		F0994			
Industry:					
Site Status:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Transaction Date:</i>					
<i>Inspection Date:</i>					
--Details--					
<i>Label:</i>					
<i>Serial No.:</i>					
<i>PCB Type/Code:</i>					
<i>Location:</i>					
<i>Item/State:</i>					
<i>No. of Items:</i>					
<i>Manufacturer:</i>					
<i>Status:</i> In-Storage					
<i>Contents:</i>					
31	21 of 27	E/85.4	93.9 / -0.94	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	NPCB
<i>Company Code:</i> F1099					
<i>Industry:</i>					
<i>Site Status:</i>					
<i>Transaction Date:</i> 1/29/1996					
<i>Inspection Date:</i>					
--Details--					
<i>Label:</i>					
<i>Serial No.:</i>					
<i>PCB Type/Code:</i> Askarel					
<i>Location:</i>					
<i>Item/State:</i>					
<i>No. of Items:</i>					
<i>Manufacturer:</i>					
<i>Status:</i> Stored for Disposal					
<i>Contents:</i> 200.00 KG					
31	22 of 27	E/85.4	93.9 / -0.94	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	OPCB
<i>Year:</i> 1999					
<i>Site Number:</i> 30289A100					
<i>Name Owner:</i>					
<i>Additional Site Information:</i>					
--Details--					
<i>Quantity:</i> 2046.00					
<i>Address Site:</i>					
<i>Description:</i> Weight of Bulk Liquid with High Level PCBs (>1000 ppm) kg					
<i>Quantity:</i> 1.00					
<i>Address Site:</i>					
<i>Description:</i> Number of Transformers with High Level PCBs (>1000 ppm)					
<i>Quantity:</i> 2.00					
<i>Address Site:</i>					
<i>Description:</i> Number of Drums of Ballasts with High Level PCBs (>1000 ppm)					
<i>Quantity:</i> 400.00					
<i>Address Site:</i>					
<i>Description:</i> Calculated Weight (Kg) of Drums of Ballasts with High Level PCBs (>1000 ppm)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Quantity:		369.70			
Address Site:					
Description:		Weight of Capacitors with High Level PCBs (>1000 ppm) kg			
Quantity:		2.00			
Address Site:					
Description:		Number of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			
Quantity:		300.00			
Address Site:					
Description:		Calculated Weight of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			
31	23 of 27	E/85.4	93.9 / -0.94	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	OPCB
Year:		2004			
Site Number:		30289A100			
Name Owner:					
Additional Site Information:					
31	24 of 27	E/85.4	93.9 / -0.94	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	OPCB
Year:		1998			
Site Number:		30289A100			
Name Owner:					
Additional Site Information:					
--Details--					
Quantity:		2046.00			
Address Site:					
Description:		Weight of Bulk Liquid with High Level PCBs (>1000 ppm) kg			
Quantity:		1.00			
Address Site:					
Description:		Number of Transformers with High Level PCBs (>1000 ppm)			
Quantity:		2.00			
Address Site:					
Description:		Number of Drums of Ballasts with High Level PCBs (>1000 ppm)			
Quantity:		400.00			
Address Site:					
Description:		Calculated Weight (Kg) of Drums of Ballasts with High Level PCBs (>1000 ppm)			
Quantity:		369.70			
Address Site:					
Description:		Weight of Capacitors with High Level PCBs (>1000 ppm) kg			
Quantity:		2.00			
Address Site:					
Description:		Number of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			
Quantity:		300.00			
Address Site:					
Description:		Calculated Weight of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	25 of 27	E/85.4	93.9 / -0.94	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	OPCB
Year:		1995			
Site Number:		30289A100			
Name Owner:					
Additional Site Information:					
--Details--					
Quantity:		1469.00			
Address Site:					
Description:		Weight of Bulk Liquid with High Level PCBs (>1000 ppm) kg			
Quantity:		1.00			
Address Site:					
Description:		Number of Transformers with High Level PCBs (>1000 ppm)			
31	26 of 27	E/85.4	93.9 / -0.94	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	OPCB
Year:		2000			
Site Number:		30289A100			
Name Owner:					
Additional Site Information:					
--Details--					
Quantity:		2046.00			
Address Site:					
Description:		Weight of Bulk Liquid with High Level PCBs (>1000 ppm) kg			
Quantity:		1.00			
Address Site:					
Description:		Number of Transformers with High Level PCBs (>1000 ppm)			
Quantity:		2.00			
Address Site:					
Description:		Number of Drums of Ballasts with High Level PCBs (>1000 ppm)			
Quantity:		400.00			
Address Site:					
Description:		Calculated Weight (Kg) of Drums of Ballasts with High Level PCBs (>1000 ppm)			
Quantity:		369.70			
Address Site:					
Description:		Weight of Capacitors with High Level PCBs (>1000 ppm) kg			
Quantity:		2.00			
Address Site:					
Description:		Number of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			
Quantity:		300.00			
Address Site:					
Description:		Calculated Weight of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			
31	27 of 27	E/85.4	93.9 / -0.94	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	OPCB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year:		2003			
Site Number:		30289A100			
Name Owner:					
Additional Site Information:					

32	1 of 2	E/95.0	93.7 / -1.13	OAKVILLE ON	WWIS
Well ID:	7267475			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	7/21/2016
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z226225			Owner:	
Tag:	A185149			Street Name:	327 REYNOLDS ST.
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006171179	Elevation:	92.890953
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607276
Code OB Desc:		North83:	4811994
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	6/8/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006174717
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	3
Formation End Depth:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006174716			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006174718			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		18			
Formation End Depth:		33			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006174729			
Layer:		3			
Plug From:		27			
Plug To:		33			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006174727			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006174728			
Layer:		2			
Plug From:		1			
Plug To:		27			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1006174715
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006174722
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 28
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006174723
Layer: 1
Slot: 10
Screen Top Depth: 28
Screen End Depth: 33
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.1

Hole Diameter

Hole ID: 1006174720
Diameter: 3.5
Depth From: 20
Depth To: 33
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1006174719
Diameter: 6
Depth From: 0
Depth To: 18
Hole Depth UOM: ft
Hole Diameter UOM: inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7261929			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	4/25/2016
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z228338			Owner:	
Tag:	A200872			Street Name:	327 REYNOLDS STREET
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
Elevation Reliability:				Site Info:	WKQ-008754 A0-A06
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:	1005937858	Elevation:	92.890953
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607276
Code OB Desc:		North83:	4811994
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/14/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006043946
Layer:	1
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Other Materials:	
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	4
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1006043949
Layer:	4
Color:	6

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		BROWN			
Mat1:					
Most Common Material:					
Mat2:		05			
Other Materials:		CLAY			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		12			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006043947			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		4			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006043948			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:					
Most Common Material:					
Mat2:		05			
Other Materials:		CLAY			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		8			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006043957			
Layer:		1			
Plug From:		0			
Plug To:		9			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006043958			
Layer:		2			
Plug From:		10			
Plug To:		15			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Method of Construction & Well Use

Method Construction ID:
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1006043945
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006043952
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 5
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006043953
Layer: 1
Slot: 10
Screen Top Depth: 5
Screen End Depth: 15
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.25

Water Details

Water ID: 1006043951
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006043950
Diameter: 6
Depth From: 0
Depth To: 15
Hole Depth UOM: ft
Hole Diameter UOM: inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Oakville ON L6H 0H3					
Approval No:	2160-B4XN37			MOE District:	London
Approval Date:	2018-09-26			City:	
Status:	Approved			Longitude:	-81.34056
Record Type:	ECA			Latitude:	42.958856999999995
Link Source:	IDS			Geometry X:	
SWP Area Name:	Upper Thames River			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	325 Reynolds St				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5657-B4LP6W-14.pdf				

<u>33</u>	2 of 2	ESE/105.5	93.2 / -1.69	1737126 Ontario Inc. 325 Reynolds Street Oakville ON L6J 3L3	GEN
Generator No:	ON3447792			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	146 L				
Waste Class Desc:	Other specified inorganic sludges, slurries or solids				

<u>34</u>	1 of 1	E/107.9	93.9 / -0.98	OAKVILLE ON	WWIS
Well ID:	7302143			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/22/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z258488			Owner:	
Tag:	A199198			Street Name:	348 ALLEN ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006921376			Elevation:	93.280517
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607296

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:				North83:	4812019
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11/1/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1007098009
Layer: 4
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3: 71
Other Materials: FRACTURED
Formation Top Depth: 4.5
Formation End Depth: 4.5
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1007098007
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Other Materials: SAND
Mat3: 73
Other Materials: HARD
Formation Top Depth: 1
Formation End Depth: 2
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1007098008
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 2
Formation End Depth: 4.5
Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007098006			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007098018			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007098019			
Layer:		2			
Plug From:		1			
Plug To:		7			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007098020			
Layer:		3			
Plug From:		7			
Plug To:		17			
Plug Depth UOM:		ft			
<u>Pipe Information</u>					
Pipe ID:		1007098005			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007098013			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		8			
Casing Diameter:		1.38			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:	1007098014				
Layer:	1				
Slot:	10				
Screen Top Depth:	8				
Screen End Depth:	17				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	1.66				
<u>Hole Diameter</u>					
Hole ID:	1007098011				
Diameter:	2.25				
Depth From:	5				
Depth To:	17				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
<u>Hole Diameter</u>					
Hole ID:	1007098010				
Diameter:	2.875				
Depth From:	0				
Depth To:	5				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
35	1 of 1	E/108.6	93.9 / -0.98	Oakville ON	WWIS
Well ID:	7304395			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	1/25/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	7464
Casing Material:				Form Version:	7
Audit No:	Z267734			Owner:	
Tag:	A199268			Street Name:	327 REYNOLDS STREET
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006976816			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607296

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:				North83:	4812014
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:	1/5/2018			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	digit
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Pipe Information</u>					
Pipe ID:		1007156080			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1007156087			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		1007156089			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
 <u>Water Details</u>					
Water ID:		1007156085			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		5.16			
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1007156082			
Diameter:		2			
Depth From:		0			
Depth To:		20			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
36	1 of 1	E/110.1	93.6 / -1.27	OAKVILLE ON	WWIS
Well ID:		7302141		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Test Hole		Date Received: 12/22/2017	
Sec. Water Use:		Monitoring		Selected Flag: Yes	
Final Well Status:		Observation Wells		Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No:		Z258487		Owner:	
Tag:		A199268		Street Name: 348 ALLEN ST	
Construction Method:				County: HALTON	
Elevation (m):				Municipality: OAKVILLE TOWN	
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1006921370		Elevation: 93.131149	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 17	
Code OB:				East83: 607297	
Code OB Desc:				North83: 4812011	
Open Hole:				Org CS: UTM83	
Cluster Kind:				UTMRC: 4	
Date Completed:		10/31/2017		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007097972			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		1			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007097974			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:		71			
Other Materials:		FRACTURED			
Formation Top Depth:		6			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007097971			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007097973			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		2			
Formation End Depth:		6			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007097983			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007097984			
Layer:		2			
Plug From:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		8			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007097985			
Layer:		3			
Plug From:		8			
Plug To:		17			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007097970			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007097978			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		9			
Casing Diameter:		1.38			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007097979			
Layer:		1			
Slot:		10			
Screen Top Depth:		9			
Screen End Depth:		17			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.66			
<u>Hole Diameter</u>					
Hole ID:		1007097976			
Diameter:		2.25			
Depth From:		6			
Depth To:		17			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1007097975			
Diameter:		2.875			
Depth From:		0			
Depth To:		6			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

37	1 of 1	NW/112.1	96.8 / 2.00	OAKVILLE TOWN SPRUCE ST.REYNOLDS ST. OAKVILLE TOWN ON	CA
Certificate #:		3-1414-88-			
Application Year:		88			
Issue Date:		8/5/1988			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

38	1 of 1	E/112.4	93.6 / -1.27	OAKVILLE ON	WWIS
Well ID:		7302142		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Test Hole		Date Received:	12/22/2017
Sec. Water Use:		Monitoring		Selected Flag:	Yes
Final Well Status:		Observation Wells		Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:		Z258490		Owner:	
Tag:		A189950		Street Name:	348 ALLEN ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:					

<u>Bore Hole Information</u>					
Bore Hole ID:		1006921373		Elevation:	93.019111
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607298
Code OB Desc:				North83:	4812005
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		10/30/2017		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Elevrc Desc:</i>					
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>			1007097990		
<i>Layer:</i>			4		
<i>Color:</i>			2		
<i>General Color:</i>			GREY		
<i>Mat1:</i>			17		
<i>Most Common Material:</i>			SHALE		
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>			71		
<i>Other Materials:</i>			FRACTURED		
<i>Formation Top Depth:</i>			6		
<i>Formation End Depth:</i>			18		
<i>Formation End Depth UOM:</i>			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>			1007097989		
<i>Layer:</i>			3		
<i>Color:</i>			2		
<i>General Color:</i>			GREY		
<i>Mat1:</i>			34		
<i>Most Common Material:</i>			TILL		
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>			66		
<i>Other Materials:</i>			DENSE		
<i>Formation Top Depth:</i>			4		
<i>Formation End Depth:</i>			6		
<i>Formation End Depth UOM:</i>			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>			1007097988		
<i>Layer:</i>			2		
<i>Color:</i>			6		
<i>General Color:</i>			BROWN		
<i>Mat1:</i>			11		
<i>Most Common Material:</i>			GRAVEL		
<i>Mat2:</i>			28		
<i>Other Materials:</i>			SAND		
<i>Mat3:</i>			85		
<i>Other Materials:</i>			SOFT		
<i>Formation Top Depth:</i>			1		
<i>Formation End Depth:</i>			4		
<i>Formation End Depth UOM:</i>			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>			1007097987		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007097999			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007098001			
Layer:		3			
Plug From:		9			
Plug To:		18			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007098000			
Layer:		2			
Plug From:		1			
Plug To:		9			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007097986			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007097994			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0			
Depth To:		10			
Casing Diameter:		1.38			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007097995			
Layer:		1			
Slot:		10			
Screen Top Depth:		10			
Screen End Depth:		18			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.66			
<u>Hole Diameter</u>					
Hole ID:		1007097991			
Diameter:		2.875			
Depth From:		0			
Depth To:		7			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007097992			
Diameter:		2.25			
Depth From:		7			
Depth To:		18			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

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E/118.7

93.6 / -1.26

OAKVILLE ON

WWIS

Well ID: 7302145
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z268295
Tag: A167708
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 12/22/2017
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 372 REYNOLDS ST
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1006921382			Elevation:	92.964897
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607304
Code OB Desc:				North83:	4812003
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/17/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	1007098047
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	13
Formation End Depth:	30
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1007098046
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	13
Formation End Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1007098058
Layer:	3
Plug From:	19
Plug To:	30
Plug Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1007098056			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007098057			
Layer:		2			
Plug From:		1			
Plug To:		19			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007098045			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007098051			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		20			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007098052			
Layer:		1			
Slot:		10			
Screen Top Depth:		20			
Screen End Depth:		30			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Hole Diameter</u>					
Hole ID:		1007098048			
Diameter:		5			
Depth From:		0			
Depth To:		3.15			
Hole Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:	1007098049				
Diameter:	4				
Depth From:	15				
Depth To:	30				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				

40	1 of 1	ESE/128.1	92.8 / -2.00	Oakville ON	WWIS
Well ID:	7284460		Data Entry Status:		
Construction Date:			Data Src:		
Primary Water Use:	Test Hole		Date Received:	4/5/2017	
Sec. Water Use:			Selected Flag:	Yes	
Final Well Status:	Test Hole		Abandonment Rec:		
Water Type:			Contractor:	7383	
Casing Material:			Form Version:	7	
Audit No:	Z241847		Owner:		
Tag:	A212212		Street Name:	327 REYNOLDS ST	
Construction Method:			County:	HALTON	
Elevation (m):			Municipality:	OAKVILLE TOWN	
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:	1006375923		Elevation:	92.404022	
DP2BR:			Elevrc:		
Spatial Status:			Zone:	17	
Code OB:			East83:	607301	
Code OB Desc:			North83:	4811970	
Open Hole:			Org CS:	UTM83	
Cluster Kind:			UTMRC:	4	
Date Completed:	11/10/2016		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:			Location Method:	wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Annular Space/Abandonment Sealing Record

Plug ID:	1006631102	
Layer:	3	
Plug From:	17	
Plug To:	30	
Plug Depth UOM:	ft	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006631101			
Layer:		2			
Plug From:		1			
Plug To:		17			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006631100			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006631092			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006631096			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		20			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006631097			
Layer:		1			
Slot:		10			
Screen Top Depth:		20			
Screen End Depth:		30			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.375			
<u>Hole Diameter</u>					
Hole ID:		1006631094			
Diameter:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0			
Depth To:		30			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

41	1 of 1	ESE/134.2	92.8 / -2.07	Oakville ON	WWIS
Well ID:	7284275			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	4/5/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7383
Casing Material:				Form Version:	7
Audit No:	Z241846			Owner:	
Tag:	A212211			Street Name:	327 REYNOLDS STREET
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006375338	Elevation:	92.486549
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607310
Code OB Desc:		North83:	4811974
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/10/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment

Sealing Record

Plug ID:	1006623930
Layer:	3
Plug From:	18
Plug To:	30
Plug Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1006623928
Layer:	1
Plug From:	0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006623929			
Layer:		2			
Plug From:		1			
Plug To:		18			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006623920			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006623924			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		19			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006623925			
Layer:		1			
Slot:		10			
Screen Top Depth:		20			
Screen End Depth:		30			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.375			
<u>Hole Diameter</u>					
Hole ID:		1006623922			
Diameter:		4			
Depth From:		0			
Depth To:		30			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	1 of 2	SE/146.7	91.8 / -3.02	Oakville ON	WWIS
Well ID: 7304396 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z267735 Tag: A199199 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Data Src: Date Received: 1/25/2018 Selected Flag: Yes Abandonment Rec: Yes Contractor: 7464 Form Version: 7 Owner: Street Name: 327 REYNOLDS STREET County: HALTON Municipality: OAKVILLE TOWN Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
<u>Bore Hole Information</u>					
Bore Hole ID: 1006976819 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 1/5/2018 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: Elevrc: Zone: 17 East83: 607280 North83: 4811908 Org CS: UTM83 UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: wwr			
<u>Pipe Information</u>					
Pipe ID: 1007156092 Casing No: 0 Comment: Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 1007156096 Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: inch Casing Depth UOM: ft					
<u>Construction Record - Screen</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen ID:		1007156097			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1007156095			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		5.37			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007156094			
Diameter:		2			
Depth From:		0			
Depth To:		20			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

[42](#) 2 of 2 **SE/146.7** **91.8 / -3.02** **Oakville ON** **WWIS**

Well ID:	7304402	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	1/25/2018
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	7464
Casing Material:		Form Version:	7
Audit No:	Z256007	Owner:	
Tag:	A233883	Street Name:	327 REYNOLDS STREET
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	OAKVILLE TOWN
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:	1006976837	Elevation:	
DP2BR:		Elevarc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607280
Code OB Desc:		North83:	4811908
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	5
Date Completed:	1/5/2018	UTMRC Desc:	margin of error : 100 m - 300 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks:				Location Method:	WWF
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Pipe Information</u>					
Pipe ID:		1007156240			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1007156244			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		1007156245			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
 <u>Water Details</u>					
Water ID:		1007156243			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		5.98			
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1007156242			
Diameter:		2			
Depth From:		0			
Depth To:		20			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

43	1 of 1	ENE/147.6	93.9 / -0.91	327, 291 Reynolds St & 348 Allan St Oakville ON	EHS
Order No:	20160915106	Nearest Intersection:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: C Report Type: Custom Report Report Date: 16-SEP-16 Date Received: 15-SEP-16 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Municipality: ON Client Prov/State: ON Search Radius (km): .15 X: -79.67336 Y: 43.453756					
44	1 of 2	W/159.1	96.8 / 1.97	397 TRAFALGAR RD, OAKVILLE ON	PINC
Incident ID: Incident No: 1958866 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 6380475 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start Date: 2016/10/24 Operation Type: Pipeline Type: Regulator Type: Summary: 397 TRAFALGAR RD, OAKVILLE - PIPELINE HIT 1/2" Reported By: PHIL BRUNI - UNION GAS Affiliation: Occurrence Desc: Damage Reason: Facility was not located or marked Notes:					
Health Impact: Environment Impact: Property Damage: No Service Interrupt: Enforce Policy: Yes Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location:					
44	2 of 2	W/159.1	96.8 / 1.97	Union Gas Limited 397 Trafalgar Road Oakville ON	SPL
Ref No: 2847-AEQ6BH Site No: NA Incident Dt: 10/13/2016 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 10/13/2016 Dt Document Closed:					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Miscellaneous Communal Sector Type: Agency Involved: Nearest Watercourse: Site Address: 397 Trafalgar Road Site District Office: Site Postal Code: Site Region: Site Municipality: Oakville Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Source Type:					
Incident Reason: Operator/Human Error Site Name: PL Strike Site <UNOFFICIAL> Site County/District:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Geo Ref Meth:					
Incident Summary:		TSSA FSB: 1/2" PL Strike, made safe.			
Contaminant Qty:		1 L			

45	1 of 1	E/161.0	92.8 / -2.00	Oakville ON	WWIS
Well ID:	7284458			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	4/5/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7383
Casing Material:				Form Version:	7
Audit No:	Z241849			Owner:	
Tag:	A212214			Street Name:	327 REYNOLDS ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006375917	Elevation:	92.65026
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607342
Code OB Desc:		North83:	4811982
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/11/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment

Sealing Record

Plug ID:	1006631062
Layer:	1
Plug From:	0
Plug To:	1
Plug Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1006631064
Layer:	3
Plug From:	6

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		17			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006631063			
Layer:		2			
Plug From:		1			
Plug To:		6			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		0			
Method Construction:		Not Known			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006631054			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006631058			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006631059			
Layer:		1			
Slot:		10			
Screen Top Depth:		7			
Screen End Depth:		17			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.375			
<u>Hole Diameter</u>					
Hole ID:		1006631056			
Diameter:		8.5			
Depth From:		0			
Depth To:		17			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
46	1 of 1	NE/173.5	94.8 / 0.00	OAKVILLE ON	WWIS
Well ID:		7261931		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Monitoring and Test Hole		Date Received: 4/25/2016	
Sec. Water Use:		0		Selected Flag: Yes	
Final Well Status:		Monitoring and Test Hole		Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No:		Z228347		Owner:	
Tag:		A197975		Street Name: 327 REYNOLDS STREET	
Construction Method:				County: HALTON	
Elevation (m):				Municipality: OAKVILLE TOWN	
Elevation Reliability:				Site Info: WKQ-008754 A0-A06	
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1005937864		Elevation: 95.041786	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 17	
Code OB:				East83: 607299	
Code OB Desc:				North83: 4812166	
Open Hole:				Org CS: UTM83	
Cluster Kind:				UTMRC: 4	
Date Completed:		3/15/2016		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006043977			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Other Materials:					
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		8			
Formation End Depth:		16			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006043976			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006043986			
Layer:		2			
Plug From:		1			
Plug To:		5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006043985			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006043987			
Layer:		3			
Plug From:		5			
Plug To:		16			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006043975			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006043980			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0			
Depth To:		6			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006043981			
Layer:		1			
Slot:		10			
Screen Top Depth:		6			
Screen End Depth:		16			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Hole Diameter</u>					
Hole ID:		1006043978			
Diameter:		8			
Depth From:		0			
Depth To:		16			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

47	1 of 1	ENE/198.4	94.7 / -0.19	Oakville ON	WWIS
Well ID:	7284276			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	4/5/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7383
Casing Material:				Form Version:	7
Audit No:	Z241848			Owner:	
Tag:	A212215			Street Name:	327 REYNOLDS STREET
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006375341	Elevation:	94.297248
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607380
Code OB Desc:		North83:	4812085
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/11/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006623945			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006623947			
Layer:		3			
Plug From:		6			
Plug To:		17			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006623946			
Layer:		2			
Plug From:		1			
Plug To:		6			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006623937			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006623941			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Construction Record - Screen

Screen ID: 1006623942
Layer: 1
Slot: 10
Screen Top Depth: 7
Screen End Depth: 17
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.375

Hole Diameter

Hole ID: 1006623939
Diameter: 8.5
Depth From: 0
Depth To: 17
Hole Depth UOM: ft
Hole Diameter UOM: inch

48	1 of 1	E/207.4	93.9 / -0.98	OAKVILLE ON	WWIS
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Well ID: 7261981
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z207326
Tag: A181420
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 4/25/2016
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 327 REYNOLDS ST.
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005938187
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 3/16/2016
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 93.415145
Elevrc:
Zone: 17
East83: 607396
North83: 4812021
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006045172			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		0.5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006045173			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0.5			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006045181			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006045183			
Layer:		3			
Plug From:		6			
Plug To:		17			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006045182			
Layer:		2			
Plug From:		1			
Plug To:		6			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Method of Construction & Well Use

Method Construction ID:
 Method Construction Code: 2
 Method Construction: Rotary (Convent.)
 Other Method Construction:

Pipe Information

Pipe ID: 1006045171
 Casing No: 0
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 1006045176
 Layer: 1
 Material: 5
 Open Hole or Material: PLASTIC
 Depth From: 0
 Depth To: 7
 Casing Diameter: 2
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006045177
 Layer: 1
 Slot: 10
 Screen Top Depth: 7
 Screen End Depth: 17
 Screen Material: 5
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 2.25

Hole Diameter

Hole ID: 1006045174
 Diameter: 6
 Depth From: 0
 Depth To: 17
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

[49](#) 1 of 1 E/221.1 93.9 / -0.95 OAKVILLE ON [WWIS](#)

Well ID: 7267478
 Construction Date:
 Primary Water Use: Monitoring and Test Hole
 Sec. Water Use: 0
 Final Well Status: Monitoring and Test Hole
 Water Type:
 Casing Material:
 Audit No: Z226227
 Tag: A198034
 Construction Method:

Data Entry Status:
 Data Src:
 Date Received: 7/21/2016
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 7241
 Form Version: 7
 Owner:
 Street Name: 327 REYNOLDS ST.
 County: HALTON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006171279	Elevation:	93.673927
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607410
Code OB Desc:		North83:	4812033
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	6/9/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006174767
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	18
Formation End Depth:	19
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1006174765
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	11
Other Materials:	GRAVEL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006174766			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		3			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006174768			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		19			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006174779			
Layer:		2			
Plug From:		1			
Plug To:		29			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006174778			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006174780			
Layer:		3			
Plug From:		29			
Plug To:		35			
Plug Depth UOM:		ft			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006174764			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006174773			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		30			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006174774			
Layer:		1			
Slot:		10			
Screen Top Depth:		30			
Screen End Depth:		35			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.1			
<u>Hole Diameter</u>					
Hole ID:		1006174769			
Diameter:		6			
Depth From:		0			
Depth To:		19			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1006174770			
Diameter:		5			
Depth From:		19			
Depth To:		20			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1006174771			
Diameter:		3.5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		20			
Depth To:		35			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

[50](#) 1 of 1 ENE/222.9 94.8 / 0.00 OAKVILLE ON [WWIS](#)

Well ID:	7261928	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring and Test Hole	Date Received:	4/25/2016
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z228337	Owner:	
Tag:	A197690	Street Name:	327 REYNOLDS STREET
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	OAKVILLE TOWN
Elevation Reliability:		Site Info:	WKQ-008754 A0-A06
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:	1005937855	Elevation:	94.986167
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607387
Code OB Desc:		North83:	4812134
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/14/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006043890
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	
Most Common Material:	
Mat2:	05
Other Materials:	CLAY
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	8
Formation End Depth:	11
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1006043888		
Layer:			1		
Color:			8		
General Color:			BLACK		
Mat1:					
Most Common Material:					
Mat2:			02		
Other Materials:			TOPSOIL		
Mat3:			77		
Other Materials:			LOOSE		
Formation Top Depth:			0		
Formation End Depth:			4		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1006043889		
Layer:			2		
Color:			2		
General Color:			GREY		
Mat1:			28		
Most Common Material:			SAND		
Mat2:			28		
Other Materials:			SAND		
Mat3:			66		
Other Materials:			DENSE		
Formation Top Depth:			4		
Formation End Depth:			8		
Formation End Depth UOM:			ft		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1006043898		
Layer:			1		
Plug From:			2		
Plug To:			5		
Plug Depth UOM:			ft		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1006043899		
Layer:			2		
Plug From:			6		
Plug To:			11		
Plug Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:			D		
Method Construction:			Direct Push		
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		1006043887			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006043893			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		6			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006043894			
Layer:		1			
Slot:		10			
Screen Top Depth:		6			
Screen End Depth:		11			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Hole Diameter</u>					
Hole ID:		1006043891			
Diameter:		6			
Depth From:		0			
Depth To:		11			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

51	1 of 1	ESE/230.4	91.8 / -3.04	OAKVILLE ON	WWIS
Well ID:	7267477			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	7/21/2016
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z233476			Owner:	
Tag:	A185147			Street Name:	327 REYNOLDS ST.
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1006171226	Elevation:	92.079254
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607393
Code OB Desc:		North83:	4811925
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	6/8/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006174750
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	3
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1006174749
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	11
Other Materials:	GRAVEL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1006174751
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		22			
Formation End Depth:		37			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006174763			
Layer:		3			
Plug From:		31			
Plug To:		37			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006174762			
Layer:		2			
Plug From:		1			
Plug To:		31			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006174761			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006174748			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006174756			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		32			
Casing Diameter:		2			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:	1006174757				
Layer:	1				
Slot:	10				
Screen Top Depth:	32				
Screen End Depth:	37				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	2.1				
<u>Hole Diameter</u>					
Hole ID:	1006174753				
Diameter:	5				
Depth From:	22				
Depth To:	25				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
<u>Hole Diameter</u>					
Hole ID:	1006174752				
Diameter:	6				
Depth From:	0				
Depth To:	22				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
<u>Hole Diameter</u>					
Hole ID:	1006174754				
Diameter:	3.5				
Depth From:	25				
Depth To:	37				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				

52	1 of 3	ESE/232.9	91.6 / -3.29	HALTON BOARD OF EDUCATION(OUT OF BUS.) OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	GEN
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Generator No:	ON0326303	PO Box No:	
Status:		Country:	
Approval Years:	98	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	8511		
SIC Description:	ELEMT./SECON. EDUC.		

Detail(s)

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

52	2 of 3	ESE/232.9	91.6 / -3.29	HALTON BOARD (OUT OF BUSINESS) 19-172 OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	GEN
Generator No:	ON0326303			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
<u>Detail(s)</u>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

52	3 of 3	ESE/232.9	91.6 / -3.29	HALTON BOARD OF EDUCATION OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	GEN
Generator No:	ON0326303			PO Box No:	
Status:				Country:	
Approval Years:	86,87,88,89,90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
<u>Detail(s)</u>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

53	1 of 1	ESE/233.2	91.6 / -3.29	OAKVILLE ON	WWIS
Well ID:	7261979			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	4/25/2016
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z207324			Owner:	
Tag:	A161890			Street Name:	327 REYNOLDS ST.
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1005938181			Elevation:	92.008064
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607393
Code OB Desc:				North83:	4811919
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	3/16/2016			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006045147				
Layer:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		6			
General Color:		BROWN			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0.5			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006045146			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		0.5			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006045157			
Layer:		3			
Plug From:		7			
Plug To:		18			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006045155			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006045156			
Layer:		2			
Plug From:		1			
Plug To:		7			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006045145			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006045150			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		8			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006045151			
Layer:		1			
Slot:		10			
Screen Top Depth:		8			
Screen End Depth:		18			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Hole Diameter</u>					
Hole ID:		1006045148			
Diameter:		6			
Depth From:		0			
Depth To:		18			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

54	1 of 1	ESE/237.5	91.8 / -3.04	OAKVILLE ON	WWIS
Well ID:	7261980			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	4/25/2016
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z207325			Owner:	
Tag:	A177109			Street Name:	327 REYNOLDS ST.
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1005938184			Elevation:	92.160713
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607402
Code OB Desc:				North83:	4811927
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	3/16/2016			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006045159				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:	08				
Other Materials:	FINE SAND				
Mat3:	85				
Other Materials:	SOFT				
Formation Top Depth:	0				
Formation End Depth:	1				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006045160				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	08				
Most Common Material:	FINE SAND				
Mat2:	06				
Other Materials:	SILT				
Mat3:	85				
Other Materials:	SOFT				
Formation Top Depth:	1				
Formation End Depth:	17				
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1006045168				
Layer:	1				
Plug From:	0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006045169			
Layer:		2			
Plug From:		1			
Plug To:		6			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006045170			
Layer:		3			
Plug From:		6			
Plug To:		17			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006045158			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006045163			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006045164			
Layer:		1			
Slot:		10			
Screen Top Depth:		7			
Screen End Depth:		17			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1006045161			
Diameter:		6			
Depth From:		0			
Depth To:		17			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
55	1 of 2	NE/241.9	94.8 / 0.00	343 ALLAN STREET, OAKVILLE ON	PINC
Incident ID:				Health Impact:	
Incident No:	1096464			Environment Impact:	
Type:	FS-Pipeline Incident			Property Damage:	Yes
Status Code:	Pipeline Damage Reason Est			Service Interrupt:	
Fuel Occurrence Tp:				Enforce Policy:	Yes
Fuel Type:				Public Relation:	
Tank Status:	RC Established			Pipeline System:	
Task No:	4465884			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:				Regulator Location:	
Occurrence Start Date:	2014/01/16				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:	343 ALLAN STREET, OAKVILLE - 1/2" PIPELINE HIT				
Reported By:	Jeremy Getson - Union Gas				
Affiliation:					
Occurrence Desc:					
Damage Reason:	No notification made to the one call center				
Notes:					
55	2 of 2	NE/241.9	94.8 / 0.00	Union Gas<UNOFFICIAL> 343 Allan Street Oakville ON	SPL
Ref No:	4204-97GRSZ			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	07-MAY-13			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Leak/Break			Sector Type:	Pipeline/Components
Incident Event:				Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	343 Allan Street
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Confirmed			Site Municipality:	Oakville
Nature of Impact:	Air Pollution			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	07-MAY-13			Site Map Datum:	
Dt Document Closed:	16-MAY-13			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Unknown / N/A			Source Type:	
Site Name:	343 Allan Street<UNOFFICIAL>				
Site County/District:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Geo Ref Meth:					
Incident Summary:		Union Gas: 0.5 inch plastic line strike, made safe			
Contaminant Qty:		0 other - see incident description			

56	1 of 1	WNW/242.3	95.8 / 0.93	Oakville ON	WWIS
Well ID:	7213470			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	12/18/2013
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z181273			Owner:	
Tag:	A157994			Street Name:	INGLEHART ST
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	1004670823	Elevation:	100.462417
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	606911
Code OB Desc:		North83:	4812130
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/18/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1005027269
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	0.61
Formation End Depth:	3.1
Formation End Depth UOM:	m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005027268			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		0.61			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005027270			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		3.1			
Formation End Depth:		5.49			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005027278			
Layer:		1			
Plug From:		0			
Plug To:		0.3			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005027279			
Layer:		2			
Plug From:		0.3			
Plug To:		2.74			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005027280			
Layer:		3			
Plug From:		2.74			
Plug To:		5.49			
Plug Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		AUGER			
<u>Pipe Information</u>					
Pipe ID:			1005027267		
Casing No:			0		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			1005027273		
Layer:			1		
Material:			5		
Open Hole or Material:			PLASTIC		
Depth From:			0		
Depth To:			3.1		
Casing Diameter:			5.2		
Casing Diameter UOM:			cm		
Casing Depth UOM:			m		
<u>Construction Record - Screen</u>					
Screen ID:			1005027274		
Layer:			1		
Slot:			10		
Screen Top Depth:			3.1		
Screen End Depth:			5.49		
Screen Material:			5		
Screen Depth UOM:			m		
Screen Diameter UOM:			cm		
Screen Diameter:			6.03		
<u>Hole Diameter</u>					
Hole ID:			1005027271		
Diameter:			15.24		
Depth From:			0		
Depth To:			5.49		
Hole Depth UOM:			m		
Hole Diameter UOM:			cm		

<u>57</u>	1 of 1	E/247.5	93.8 / -1.01	ON	BORE
Borehole ID:	642475			Inclin FLG:	No
OGF ID:	215542869			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	APR-1960			Municipality:	
Static Water Level:	0.5			Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.453223
Total Depth m:	6.4			Longitude DD:	-79.672124

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth Ref:		Ground Surface		UTM Zone:	17
Depth Elev:				Easting:	607435
Drill Method:		Power auger		Northing:	4812003
Orig Ground Elev m:		93		Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:		93.4			
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218499814		Mat Consistency:	Loose
Top Depth:	0		Material Moisture:	
Bottom Depth:	2.1		Material Texture:	Fine to Medium
Material Color:	Brown		Non Geo Mat Type:	
Material 1:	Sand		Geologic Formation:	
Material 2:	Silt		Geologic Group:	
Material 3:			Geologic Period:	
Material 4:			Depositional Gen:	lacustrine
Gsc Material Description:				
Stratum Description:	SAND-FINE TO MEDIUM,SILT. BROWN,LACUSTRINE,LOOSE, AGE GLACIAL.			
Geology Stratum ID:	218499816		Mat Consistency:	Stiff
Top Depth:	4.6		Material Moisture:	
Bottom Depth:	6.4		Material Texture:	
Material Color:	Red		Non Geo Mat Type:	
Material 1:	Silt		Geologic Formation:	
Material 2:	Clay		Geologic Group:	
Material 3:	Sand		Geologic Period:	
Material 4:			Depositional Gen:	lacustrine
Gsc Material Description:				
Stratum Description:	SILT,CLAY,SAND. RED,LACUSTRINE,STIFF, AGE GLACIAL. 00000008000700180015002000006DOVICIAN.			
Geology Stratum ID:	218499815		Mat Consistency:	Compact
Top Depth:	2.1		Material Moisture:	
Bottom Depth:	4.6		Material Texture:	
Material Color:	Brown		Non Geo Mat Type:	
Material 1:	Sand		Geologic Formation:	
Material 2:	Gravel		Geologic Group:	
Material 3:			Geologic Period:	
Material 4:			Depositional Gen:	alluvial
Gsc Material Description:				
Stratum Description:	SAND,GRAVEL. RED,BROWN,ALLUVIAL,COMPACT, AGE GLACIAL, WATER STABLE AT 303.5 FEET.			

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	M	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: TOR2.txt RecordID: 104950 NTS_Sheet: 30M05G		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Originators:		Geological Survey of Canada			

58	1 of 1	WNW/249.9	96.9 / 2.08	OAKVILLE ON	WWIS
Well ID:	2810266			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	6/10/2005
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	6607
Casing Material:				Form Version:	3
Audit No:	Z27808			Owner:	
Tag:	A026527			Street Name:	INGLEHARD STREET (ON ROAD SURFACE)
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	OAKVILLE TOWN
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:	11319221	Elevation:	99.221725
DP2BR:	2	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	606877
Code OB Desc:	Bedrock	North83:	4812079
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/10/2005	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	933007384
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	92
Other Materials:	WEATHERED
Mat3:	
Other Materials:	
Formation Top Depth:	0.6
Formation End Depth:	5.2
Formation End Depth UOM:	m

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933007383			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0			
Formation End Depth:		0.6			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933270411			
Layer:		1			
Plug From:		0.2			
Plug To:		1.8			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11334076			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930860214			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.1			
Casing Diameter:		5.1			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		933413068			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.1			
Screen End Depth:		5.2			
Screen Material:		5			
Screen Depth UOM:		m			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>		6.4			
 <i><u>Water Details</u></i>					
<i>Water ID:</i>		934060789			
<i>Layer:</i>		1			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		3.8			
<i>Water Found Depth UOM:</i>		m			
 <i><u>Hole Diameter</u></i>					
<i>Hole ID:</i>		11537793			
<i>Diameter:</i>		15			
<i>Depth From:</i>		0			
<i>Depth To:</i>		5.2			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

Unplottable Summary

Total: **43** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	R.M. OF HALTON	TRAFALGAR RD.	OAKVILLE TOWN ON	
CA	The Corporation of the Town of Oakville	Pine Avenue, Maple Avenue, Allan Street	Oakville ON	
CA	The Regional Municipality of Halton	MacDonald Road	Oakville ON	
CA		Trafalgar Road	Oakville ON	
CA	HALTON REGION	REYNOLDS ST.	OAKVILLE TOWN ON	
CA	R.M. OF HALTON	GALT AVENUE	OAKVILLE TOWN ON	
CA	R.M. OF HALTON	CHURCH ST./NAVY ST./TRAFALGAR	OAKVILLE TOWN ON	
CA	OAKVILLE TOWN	REYNOLDS ST.	OAKVILLE TOWN ON	
CA		Lot 12 and 13, Concession 3 Reynolds Street	Oakville ON	
CA		Lot 12 and 13, Concession 3, 'Reynolds Street	Oakville ON	
CA	The Regional Municipality of Halton	Trafalgar Rd	Oakville ON	
CA		Trafalgar Road	Oakville ON	
CA		Trafalgar Road, Thomas Street, Dunn Street, Reynolds Street, and Robinson Street	Oakville ON	
CA	Trafalgar Road Townhouse Development	Trafalgar Road	Oakville ON	
CA		Trafalgar Road	Oakville ON	
CA	R.M. OF HALTON	TRAFALGAR RD.	OAKVILLE TOWN ON	
CA	OAKVILLE TOWN	TRAFALGAR RD./BELYEA ST.	OAKVILLE TOWN ON	

EBR	General Electric Canada Inc.	Part lot 12, Concession 3, SDS, Lots 113 & 114, RP #1009 TOWN OF OAKVILLE	ON	
ECA	The Regional Municipality of Halton	Lakeshore Road and Rebecca Street Doral Drive, Randall Street, Dunn Street and Trafalgar Street	Oakville ON	L6M 3L1
ECA	Amelia Ann Francis	Galt Ave	Oakville ON	L6J 1X8
ECA	The Regional Municipality of Halton	MacDonald Road and Lawson Street	Oakville ON	L6M 3L1
ECA	The Corporation of the Town of Oakville	Pine Avenue Maple Avenue Allan St	Oakville ON	
EHS		Trafalgar	Oakville ON	
GEN	The Corporation of the Town of Oakville	Inglehart Street North	Oakville ON	L6J 3J5
GEN	The Corporation of the Town of Oakville	Inglehart Street North	Oakville ON	L6J 3J5
GEN	The Corporation of the Town of Oakville	Inglehart Street North	Oakville ON	L6J 3J5
GEN	The Corporation of the Town of Oakville	Inglehart Street North	Oakville ON	L6J 3J5
GEN	The Corporation of the Town of Oakville	Inglehart Street North	Oakville ON	L6J 3J5
GEN	The Corporation of the Town of Oakville	Inglehart Street North	Oakville ON	L6J 3J5
GEN	Budget Demolition Budget Demolition	Reynolds St	Oakville ON	L6J 3K4
SPL	PRIVATE OWNER	LOWER BASE LINE/TRAFALGAR RD. MOTOR VEHICLE (OPERATING FLUID)	OAKVILLE TOWN ON	
SPL	TRANSPORT TRUCK	GRAVEL RD && TRAFALGAR TRANSPORT TRUCK (CARGO)	OAKVILLE ON	
SPL	PRIVATE OWNER	TRAFALGAR ROAD SOUTH OF BURNHAMTHORPE MOTOR VEHICLE (OPERATING FLUID)	OAKVILLE TOWN ON	
SPL	UNKNOWN	LAKE ONTARIO VIA STORM SEWER TRAFALGAR ROAD/LAKESHORE ROAD EAST	OAKVILLE TOWN ON	
WDS		TRAFALGAR TWP.	OAKVILLE ON	
WDS		TRAFALGAR TWP.	OAKVILLE ON	
WDS		TRAFALGAR TWP.	OAKVILLE ON	
WDS		TRAFALGAR TWP.	OAKVILLE ON	
WDS		TRAFALGAR TWP.	OAKVILLE ON	

WDS	TRAFALGAR TWP.	OAKVILLE ON
WDS	TRAFALGAR TWP.	OAKVILLE ON
WDS	TRAFALGAR TWP.	OAKVILLE ON
WDS	TRAFALGAR TWP.	OAKVILLE ON

Unplottable Report

Site: R.M. OF HALTON
TRAFALGAR RD. OAKVILLE TOWN ON

Database:
CA

Certificate #: 3-1237-89-
Application Year: 89
Issue Date: 7/7/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: The Corporation of the Town of Oakville
Pine Avenue, Maple Avenue, Allan Street Oakville ON

Database:
CA

Certificate #: 0400-5F6GTA
Application Year: 2002
Issue Date: 10/24/2002
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: The Regional Municipality of Halton
MacDonald Road Oakville ON

Database:
CA

Certificate #: 8242-65HJ8M
Application Year: 2004
Issue Date: 10/7/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Trafalgar Road Oakville ON

Database:
CA

Certificate #: 8127-4RXLP7

Application Year: 00
Issue Date: 12/21/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Longboat Development (1986) Corporation
Client Address: 228 Lakewood Drive
Client City: Oakville
Client Postal Code: L6K 1B2
Project Description: This is an application for Municipal and Private Sewage Works Certificate of Approval to construct a sanitary sewer.
Contaminants:
Emission Control:

Site: HALTON REGION
REYNOLDS ST. OAKVILLE TOWN ON

Database:
CA

Certificate #: 7-1112-85-866
Application Year: 85
Issue Date: 1/10/86
Approval Type: Municipal water
Status: Received in 1985, Issued in 1986
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF HALTON
GALT AVENUE OAKVILLE TOWN ON

Database:
CA

Certificate #: 7-1856-87-
Application Year: 87
Issue Date: 12/18/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF HALTON
CHURCH ST./NAVY ST./TRAFALGAR OAKVILLE TOWN ON

Database:
CA

Certificate #: 7-0275-95-
Application Year: 95
Issue Date: 4/21/1995
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OAKVILLE TOWN
REYNOLDS ST. OAKVILLE TOWN ON

Database:
CA

Certificate #: 3-1490-85-006
Application Year: 85
Issue Date: 12/20/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Lot 12 and 13, Concession 3 Reynolds Street Oakville ON

Database:
CA

Certificate #: 0464-56TPWW
Application Year: 02
Issue Date: 2/4/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the Regional Municipality of Halton
Client Address: 1151 Bronte Road
Client City: Oakville
Client Postal Code: L6M 3L1
Project Description: This application is for approval to install watermains on Reynolds Street, Lawson Street, Sheddon Avenue, Palmer Avenue and Summer Avenue
Contaminants:
Emission Control:

Site: Lot 12 and 13, Concession 3, 'Reynolds Street Oakville ON

Database:
CA

Certificate #: 7321-56TQ6P
Application Year: 02
Issue Date: 2/5/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the Regional Municipality of Halton
Client Address: 1151 Bronte Road
Client City: Oakville
Client Postal Code: L6M 3L1
Project Description: This application is for approval to install sanitary sewers on Reynolds Street, Summer Avenue and Ingelhart Street.
Contaminants:
Emission Control:

Site: The Regional Municipality of Halton
Trafalgar Rd Oakville ON

Database:
CA

Certificate #: 9290-74AH77
Application Year: 2007
Issue Date: 6/25/2007
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:

Site:
Trafalgar Road Oakville ON

Database:
CA

Certificate #: 3206-53FKG3
Application Year: 01
Issue Date: 10/15/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the Regional Municipality of Halton
Client Address: 1151 Bronte Road
Client City: Oakville
Client Postal Code: L6M 3L1
Project Description: This application is for the construction of watermains on Trafalgar Road.
Contaminants:
Emission Control:

Site:
Trafalgar Road, Thomas Street, Dunn Street, Reynolds Street, and Robinson Street Oakville ON

Database:
CA

Certificate #: 5158-4MEL6B
Application Year: 00
Issue Date: 7/25/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Halton
Client Address: 1151 Bronte Road
Client City: Oakville
Client Postal Code: L6M 3L1
Project Description: Construction of
Contaminants:
Emission Control:

Site:
Trafalgar Road Townhouse Development
Trafalgar Road Oakville ON

Database:
CA

Certificate #: 1210-5DETKS
Application Year: 02
Issue Date: 8/29/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Manor Hill Properties Inc.
Client Address: 115 Sheppard Avenue West
Client City: Toronto
Client Postal Code: M2N 1M7
Project Description: Approval is sought for the construction of storm and sanitary sewers on Street A.
Contaminants:
Emission Control:

Site:
Trafalgar Road Oakville ON

Database:
CA

Certificate #: 4501-4RXKUF
Application Year: 00
Issue Date: 12/21/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Longboat Development (1986) Corporation
Client Address: 228 Lakewood Drive
Client City: Oakville
Client Postal Code: L6K 1B2
Project Description: This is an application for Municipal and Private Water Works Certificate of Approval to construct a watermain.
Contaminants:
Emission Control:

Site: R.M. OF HALTON
TRAFALGAR RD. OAKVILLE TOWN ON

Database:
CA

Certificate #: 7-1043-89-
Application Year: 89
Issue Date: 7/7/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OAKVILLE TOWN
TRAFALGAR RD./BELVEA ST. OAKVILLE TOWN ON

Database:
CA

Certificate #: 3-1645-89-
Application Year: 89
Issue Date: 8/11/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: General Electric Canada Inc.
Part lot 12, Concession 3, SDS, Lots 113 & 114, RP #1009 TOWN OF OAKVILLE ON

Database:
EBR

EBR Registry No: IA8E1188
Ministry Ref No: 8361295 RE1
Notice Type: Instrument Decision
Notice Stage: 800472048
Notice Date: August 30, 2001
Proposal Date: August 19, 1998
Year: 1998
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: General Electric Canada Inc.
Site Address:
Location Other:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Proponent Name:
Proponent Address: 420 S.Service Rd.E., Oakville Ontario, L6J 2X6
Comment Period:
URL:

Site Location Details:

Part lot 12, Concession 3, SDS, Lots 113 & 114, RP #1009 TOWN OF OAKVILLE

Site: *The Regional Municipality of Halton* **Database:**
[ECA](#)
Lakeshore Road and Rebecca Street Doral Drive, Randall Street, Dunn Street and Trafalgar Street Oakville ON L6M 3L1

Approval No: 8828-A4MKV4 **MOE District:**
Approval Date: 2015-12-02 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Lakeshore Road and Rebecca Street Doral Drive, Randall Street, Dunn Street and Trafalgar Street
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5580-A3RLFQ-14.pdf>

Site: *Amelia Ann Francis* **Database:**
[ECA](#)
Galt Ave Oakville ON L6J 1X8

Approval No: 7284-966JDC **MOE District:**
Approval Date: 2013-04-19 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Galt Ave
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6076-95CPEW-14.pdf>

Site: *The Regional Municipality of Halton* **Database:**
[ECA](#)
MacDonald Road and Lawson Street Oakville ON L6M 3L1

Approval No: 8568-6BLGT7 **MOE District:**
Approval Date: 2005-04-21 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: MacDonald Road and Lawson Street
Full Address:
Full PDF Link:

Site: *The Corporation of the Town of Oakville* **Database:**
[ECA](#)
Pine Avenue Maple Avenue Allan St Oakville ON

Approval No: 0400-5F6GTA **MOE District:**
Approval Date: 2002-10-24 **City:**
Status: Approved **Longitude:**

Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Pine Avenue Maple Avenue Allan St
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/4044-5F2HDQ-14.pdf>

Site: **Trafalgar Oakville ON** **Database:** **EHS**

Order No: 20130228001
Status: C
Report Type: Standard Report
Report Date: 08-MAR-13
Date Received: 28-FEB-13
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality: Oakville
Client Prov/State: ON
Search Radius (km): .25
X: 0
Y: 0

Site: **The Corporation of the Town of Oakville** **Database:** **GEN**
Inglehart Street North Oakville ON L6J 3J5

Generator No: ON7259280
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Site: **The Corporation of the Town of Oakville** **Database:** **GEN**
Inglehart Street North Oakville ON L6J 3J5

Generator No: ON7259280
Status: Registered
Approval Years: As of Jul 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 241 L
Waste Class Desc: Halogenated solvents and residues

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Site: **The Corporation of the Town of Oakville** **Database:** **GEN**
Inglehart Street North Oakville ON L6J 3J5

Generator No: ON7259280
Status:
Approval Years: 2015
Contam. Facility: No

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Jessica Li

MHSW Facility: No
SIC Code: 913910
SIC Description: 913910

Phone No Admin: 905-567-6100 Ext.2191

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Site: *The Corporation of the Town of Oakville
Inglehart Street North Oakville ON L6J 3J5*

Database:
GEN

Generator No: ON7259280
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 913910
SIC Description: 913910

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Jessica Li
Phone No Admin: 905-567-6100 Ext.2191

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Site: *The Corporation of the Town of Oakville
Inglehart Street North Oakville ON L6J 3J5*

Database:
GEN

Generator No: ON7259280
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 913910
SIC Description: 913910

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Jessica Li
Phone No Admin: 905-567-6100 Ext.2191

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Site: *The Corporation of the Town of Oakville
Inglehart Street North Oakville ON*

Database:
GEN

Generator No: ON7259280
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description:

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

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Site: *Budget Demolition Budget Demolition
Reynolds St Oakville ON L6J 3K4*

Database:
GEN

Generator No: ON7375048
Status: Registered
Approval Years: As of Dec 2018

PO Box No:
Country: Canada
Choice of Contact:

Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 221 L
Waste Class Desc: Light fuels

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Site: PRIVATE OWNER
LOWER BASE LINE/TRAFALGAR RD. MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON

Database:
SPL

Ref No: 133636
Site No:
Incident Dt: 10/29/1996
Year:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: LAND / WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/29/1996
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: PRIVATE OWNER-20 L DIESEL TO GROUND & DITCH, MVA, FD WILL CLEANUP.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 14403
Site Lot:
Site Conc:
Northing:
Easting: FD
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: TRANSPORT TRUCK
GRAVEL RD & TRAFALGAR TRANSPORT TRUCK (CARGO) OAKVILLE ON

Database:
SPL

Ref No: 183885
Site No:
Incident Dt: 7/20/2000
Year:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: CONFIRMED
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/21/2000

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 14403
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:

Dt Document Closed:
Incident Reason: ADVERSE ROAD CONDITION
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: LIBERTY LIQUID TRANSPORT-36 METRIC TONNES ASPHALT & 25 L DIESEL/OIL TO GRND
Contaminant Qty:

SAC Action Class:
Source Type:

Site: PRIVATE OWNER
TRAFALGAR ROAD SOUTH OF BURNHAMTHORPE MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON
Database: SPL

Ref No: 121269
Site No:
Incident Dt: 11/27/1995
Year:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/27/1995
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: PRIVATE OWNER-40 L OF GASOLINE TO ROAD.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 14403
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: UNKNOWN
LAKE ONTARIO VIA STORM SEWER TRAFALGAR ROAD/LAKESHORE ROAD EAST OAKVILLE TOWN ON
Database: SPL

Ref No: 116795
Site No:
Incident Dt: 8/5/1995
Year:
Incident Cause: UNKNOWN
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: LAND / WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/5/1995
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: DIESEL FUEL IN SEWER SYS-TEM,OUTFALL & LAKE ONT. FD, WORKS, SOURCE UNKNOWN
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 14403
Site Lot:
Site Conc:
Northing:
Easting: FD, HALTON REG.
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site:
TRAFALGAR TWP. OAKVILLE ON

Database:
WDS

Approval No:	A210407	Total Area (ha):	0.04
Mob Unit Cert No:		Landfill Cap (m³):	0
EBR Registry No:		Transfer Area (ha):	0
Status:	Approved	Transfer Cap (m³):	0
Facility Type:		Transfer Cert No:	
Record Type:		Inciner. Area (ha):	0
Link Source:		Inciner. Cap (t):	0
Project Type:		Process Area (m³):	0
Application Status:		Process Cap (m³/d):	0
Issue Date:	12/15/1971	Process Vol (m³):	0
Input Date:	11/18/93	Process Feed (m³):	0
Date Received:	8/10/71	Site Concession:	3, SDS
Est Closure Date:		Site Region/County:	
Mobile Capacity:	0	SWP Area Name:	
Mobile Units:		MOE District:	
Mobile Description:		District Office:	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	Latitude:	
Prop Postal:	L6J-5A5	Longitude:	
Prop Phone:		Geometry X:	
Serial Link:	210407	Geometry Y:	
Approval Type:			
Proponent:	SHELL CANADA LTD. (OAKVILLE)		
Prop Address:	OAKVILLE REFINERY, BOX 308		
Proponent County/District:			
Full Address:			
Site Lot:	35 DWG. 467-79-3 (PART 3)		
Waste Class Code:	201,606		
Waste Class:	201,606		
Waste Type:	liquid hazardous		
Waste Type Other:	No		
Waste Description:	100% HAZARDOUS, DATA TAKEN FROM INVENTORY OF MOE DETED:10/31/1979		
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:	THERE IS TWO CONDITIONS IN THE CERTIFICATE.		
Project Description:			
Municipalities Served:	POPULATION N/A		
Approval Description:			
Other Approvals/Permits:			
PDF URL:			

Site:
TRAFALGAR TWP. OAKVILLE ON

Database:
WDS

Approval No:	A210407	Total Area (ha):	0.04
Mob Unit Cert No:		Landfill Cap (m³):	0
EBR Registry No:		Transfer Area (ha):	0
Status:	Approved	Transfer Cap (m³):	0
Facility Type:		Transfer Cert No:	
Record Type:		Inciner. Area (ha):	0
Link Source:		Inciner. Cap (t):	0
Project Type:		Process Area (m³):	0
Application Status:		Process Cap (m³/d):	0
Issue Date:	06/16/1974	Process Vol (m³):	0
Input Date:	11/18/93	Process Feed (m³):	0
Date Received:	8/10/71	Site Concession:	3, SDS
Est Closure Date:		Site Region/County:	
Mobile Capacity:	0	SWP Area Name:	
Mobile Units:		MOE District:	
Mobile Description:		District Office:	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	Latitude:	
Prop Postal:	L6J-5A5	Longitude:	
Prop Phone:		Geometry X:	
Serial Link:	210407	Geometry Y:	

Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REFINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 35 DWG. 467-79-3 (PART 3)
Waste Class Code: 201,606
Waste Class: 201,606
Waste Type: liquid hazardous
Waste Type Other: No
Waste Description: 100% HAZARDOUS,DATA TAKEN FROM INVENTORY OF MOE DETED:10/31/1979
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE IS 3 CONDITIONS IN THE CERTIFICATE.
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Site: TRAFALGAR TWP. OAKVILLE ON **Database:**
WDS

Approval No: A210407 Mob Unit Cert No: EBR Registry No: Status: Approved Facility Type: Record Type: Link Source: Project Type: Application Status: Issue Date: 01/02/1986 Input Date: 11/18/93 Date Received: 8/10/71 Est Closure Date: Mobile Capacity: 0 Mobile Units: Mobile Description: Prop City: OAKVILLE, ONTARIO Prop Postal: L6J-5A5 Prop Phone: Serial Link: 210407 Approval Type: Proponent: SHELL CANADA LTD. (OAKVILLE) Prop Address: OAKVILLE REFINERY, BOX 308 Proponent County/District: Full Address: Site Lot: 35 DWG. 467-79-3 (PART 3) Waste Class Code: 201,606 Waste Class: 201,606 Waste Type: liquid hazardous Waste Type Other: No Waste Description: 100% HAZARDOUS,DATA TAKEN FROM INVENTORY OF MOE DETED:10/31/1979 Landfill Monitoring: Landfill Ctrl Type: Site Closing Description: THERE IS 3 CONDITIONS IN THE CERTIFICATE. THERE IS ALSO THE SCHEDULE "A" Project Description: Municipalities Served: POPULATION N/A Approval Description: Other Approvals/Permits: PDF URL:	Total Area (ha): 0.04 Landfill Cap (m³): 0 Transfer Area (ha): 0 Transfer Cap (m³): 0 Transfer Cert No: Inciner. Area (ha): 0 Inciner. Cap (t): 0 Process Area (m³): 0 Process Cap (m³/d): 0 Process Vol (m³): 0 Process Feed (m³): 0 Site Concession: 3, SDS Site Region/County: SWP Area Name: MOE District: District Office: Halton-Peel Latitude: Longitude: Geometry X: Geometry Y:
---	---

Site: TRAFALGAR TWP. OAKVILLE ON **Database:**
WDS

Approval No: A210407
Mob Unit Cert No:
EBR Registry No:
Status: Approved
Facility Type:
Record Type:
Link Source:
Project Type:
Application Status:
Issue Date: 07/26/1973
Input Date: 11/18/93
Date Received: 8/10/71
Est Closure Date:
Mobile Capacity: 0
Mobile Units:
Mobile Description:
Prop City: OAKVILLE, ONTARIO
Prop Postal: L6J-5A5
Prop Phone:
Serial Link: 210407
Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REFINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 35 DWG. 467-79-3 (PART 3)
Waste Class Code: 201,606
Waste Class: 201,606
Waste Type: liquid hazardous
Waste Type Other: No
Waste Description: 100% HAZARDOUS, DATA TAKEN FROM INVENTORY OF MOE DETED:10/31/1979
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE IS 3 CONDITIONS IN THE CERTIFICATE.
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Total Area (ha): 0.04
Landfill Cap (m³): 0
Transfer Area (ha): 0
Transfer Cap (m³): 0
Transfer Cert No:
Inciner. Area (ha): 0
Inciner. Cap (t): 0
Process Area (m³): 0
Process Cap (m³/d): 0
Process Vol (m³): 0
Process Feed (m³): 0
Site Concession: 3, SDS
Site Region/County:
SWP Area Name:
MOE District:
District Office: Halton-Peel
Latitude:
Longitude:
Geometry X:
Geometry Y:

Site: TRAFALGAR TWP. OAKVILLE ON

Database:
 WDS

Approval No: A210407
Mob Unit Cert No:
EBR Registry No:
Status: Approved
Facility Type:
Record Type:
Link Source:
Project Type:
Application Status:
Issue Date: 07/04/1972
Input Date: 11/18/93
Date Received: 8/10/71
Est Closure Date:
Mobile Capacity: 0
Mobile Units:
Mobile Description:
Prop City: OAKVILLE, ONTARIO
Prop Postal: L6J-5A5
Prop Phone:
Serial Link: 210407
Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REFINERY, BOX 308
Proponent County/District:

Total Area (ha): 0.04
Landfill Cap (m³): 0
Transfer Area (ha): 0
Transfer Cap (m³): 0
Transfer Cert No:
Inciner. Area (ha): 0
Inciner. Cap (t): 0
Process Area (m³): 0
Process Cap (m³/d): 0
Process Vol (m³): 0
Process Feed (m³): 0
Site Concession: 3, SDS
Site Region/County:
SWP Area Name:
MOE District:
District Office: Halton-Peel
Latitude:
Longitude:
Geometry X:
Geometry Y:

Full Address:
Site Lot: 35 DWG. 467-79-3 (PART 3)
Waste Class Code: 201,606
Waste Class: 201,606
Waste Type: liquid hazardous
Waste Type Other: No
Waste Description: 100% HAZARDOUS,DATA TAKEN FROM INVENTORY OF MOE DETED:10/31/1979
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE IS 3 CONDITIONS IN THE CERTIFICATE.
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Site: TRAFALGAR TWP. OAKVILLE ON

Database:
 WDS

Approval No:	A210407	Total Area (ha):	0.04
Mob Unit Cert No:		Landfill Cap (m³):	0
EBR Registry No:		Transfer Area (ha):	0
Status:	Approved	Transfer Cap (m³):	0
Facility Type:		Transfer Cert No:	
Record Type:		Inciner. Area (ha):	0
Link Source:		Inciner. Cap (t):	0
Project Type:		Process Area (m²):	0
Application Status:		Process Cap (m³/d):	0
Issue Date:	08/10/1971	Process Vol (m³):	0
Input Date:	11/18/93	Process Feed (m³):	0
Date Received:	8/10/71	Site Concession:	3, SDS
Est Closure Date:		Site Region/County:	
Mobile Capacity:	0	SWP Area Name:	
Mobile Units:		MOE District:	
Mobile Description:		District Office:	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	Latitude:	
Prop Postal:	L6J-5A5	Longitude:	
Prop Phone:		Geometry X:	
Serial Link:	210407	Geometry Y:	
Approval Type:			
Proponent:	SHELL CANADA LTD. (OAKVILLE)		
Prop Address:	OAKVILLE REFINERY, BOX 308		
Proponent County/District:			
Full Address:			
Site Lot:	35 DWG. 467-79-3 (PART 3)		
Waste Class Code:	201,606		
Waste Class:	201,606		
Waste Type:	liquid hazardous		
Waste Type Other:	No		
Waste Description:	100% HAZARDOUS,DATA TAKEN FROM INVENTORY OF MOE DETED:10/31/1979		
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:	THERE IS TWO CONDITIONS IN THE CERTIFICATE.		
Project Description:			
Municipalities Served:	POPULATION N/A		
Approval Description:			
Other Approvals/Permits:			
PDF URL:			

Site: TRAFALGAR TWP. OAKVILLE ON

Database:
 WDS

Approval No:	A210407	Total Area (ha):	0.04
Mob Unit Cert No:		Landfill Cap (m³):	0
EBR Registry No:		Transfer Area (ha):	0
Status:	Approved	Transfer Cap (m³):	0

Facility Type:
Record Type:
Link Source:
Project Type:
Application Status:
Issue Date: 04/23/1980
Input Date: 11/18/93
Date Received: 8/10/71
Est Closure Date:
Mobile Capacity: 0
Mobile Units:
Mobile Description:
Prop City: OAKVILLE, ONTARIO
Prop Postal: L6J-5A5
Prop Phone:
Serial Link: 210407
Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REFINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 35 DWG. 467-79-3 (PART 3)
Waste Class Code: 201,606
Waste Class: 201,606
Waste Type: liquid hazardous
Waste Type Other: No
Waste Description: 100% HAZARDOUS, DATA TAKEN FROM INVENTORY OF MOE DETED:10/31/1979
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE IS 3 CONDITIONS IN THE CERTIFICATE. THERE IS ALSO THE SCHEDULE "A"
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Transfer Cert No:
Inciner. Area (ha): 0
Inciner. Cap (t): 0
Process Area (m³): 0
Process Cap (m³/d): 0
Process Vol (m³): 0
Process Feed (m³): 0
Site Concession: 3, SDS
Site Region/County:
SWP Area Name:
MOE District:
District Office: Halton-Peel
Latitude:
Longitude:
Geometry X:
Geometry Y:

Site: TRAFALGAR TWP. OAKVILLE ON

Database:
WDS

Approval No: A210407
Mob Unit Cert No:
EBR Registry No:
Status: Approved
Facility Type:
Record Type:
Link Source:
Project Type:
Application Status:
Issue Date: 08/31/1976
Input Date: 11/18/93
Date Received: 8/10/71
Est Closure Date:
Mobile Capacity: 0
Mobile Units:
Mobile Description:
Prop City: OAKVILLE, ONTARIO
Prop Postal: L6J-5A5
Prop Phone:
Serial Link: 210407
Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REFINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 35 DWG. 467-79-3 (PART 3)
Waste Class Code: 201,606
Waste Class: 201,606

Total Area (ha): 0.04
Landfill Cap (m³): 0
Transfer Area (ha): 0
Transfer Cap (m³): 0
Transfer Cert No:
Inciner. Area (ha): 0
Inciner. Cap (t): 0
Process Area (m³): 0
Process Cap (m³/d): 0
Process Vol (m³): 0
Process Feed (m³): 0
Site Concession: 3, SDS
Site Region/County:
SWP Area Name:
MOE District:
District Office: Halton-Peel
Latitude:
Longitude:
Geometry X:
Geometry Y:

Waste Type: liquid hazardous
Waste Type Other: No
Waste Description: 100% HAZARDOUS,DATA TAKEN FROM INVENTORY OF MOE DETED:10/31/1979
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE IS 3 CONDITIONS IN THE CERTIFICATE.
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Site: TRAFALGAR TWP. OAKVILLE ON **Database:**
WDS

Approval No:	A210407	Total Area (ha):	0.04
Mob Unit Cert No:		Landfill Cap (m³):	0
EBR Registry No:		Transfer Area (ha):	0
Status:	Approved	Transfer Cap (m³):	0
Facility Type:		Transfer Cert No:	
Record Type:		Inciner. Area (ha):	0
Link Source:		Inciner. Cap (t):	0
Project Type:		Process Area (m³):	0
Application Status:		Process Cap (m³/d):	0
Issue Date:	10/14/1975	Process Vol (m³):	0
Input Date:	11/18/93	Process Feed (m³):	0
Date Received:	8/10/71	Site Concession:	3, SDS
Est Closure Date:		Site Region/County:	
Mobile Capacity:	0	SWP Area Name:	
Mobile Units:		MOE District:	
Mobile Description:		District Office:	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	Latitude:	
Prop Postal:	L6J-5A5	Longitude:	
Prop Phone:		Geometry X:	
Serial Link:	210407	Geometry Y:	
Approval Type:			
Proponent:	SHELL CANADA LTD. (OAKVILLE)		
Prop Address:	OAKVILLE REFINERY, BOX 308		
Proponent County/District:			
Full Address:			
Site Lot:	35 DWG. 467-79-3 (PART 3)		
Waste Class Code:	201,606		
Waste Class:	201,606		
Waste Type:	liquid hazardous		
Waste Type Other:	No		
Waste Description:	100% HAZARDOUS,DATA TAKEN FROM INVENTORY OF MOE DETED:10/31/1979		
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:	THERE IS 3 CONDITIONS IN THE CERTIFICATE.		
Project Description:			
Municipalities Served:	POPULATION N/A		
Approval Description:			
Other Approvals/Permits:			
PDF URL:			

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Jul 31, 2019

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Chemical Register:

Private CHEM

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

Government Publication Date: 1999-Jul 31, 2019

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 - Aug 2019

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Sep 2019

Certificates of Property Use:

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994-Oct 31, 2019

Drill Hole Database:

Provincial DRL

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

Government Publication Date: 1886 - Sep 2019

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011-Oct 31, 2019

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994-Oct 31, 2019

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011-Oct 31, 2019

Environmental Effects Monitoring:

Federal [EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

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

Government Publication Date: 1999-Oct 31, 2019

Environmental Issues Inventory System:

Federal [EIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial [EMHE](#)

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial [EPAR](#)

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2018

List of Expired Fuels Safety Facilities:

Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal FCS

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

Government Publication Date: Jun 2000-Aug 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal FED TANKS

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

Government Publication Date: May 31, 2018

Fisheries & Oceans Fuel Tanks:

Federal FOFT

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

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank:

Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial GEN

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

Government Publication Date: 1986-Jul 31, 2019

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2019

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:Provincial [NCPL](#)

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

Government Publication Date: Dec 31, 2017

National Defense & Canadian Forces Fuel Tanks:Federal [NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:Federal [NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:Federal [NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:Federal [NEBI](#)

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

Government Publication Date: 2008-Jun 30, 2019

National Energy Board Wells:Federal [NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):Federal [NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:Federal [NPCB](#)

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:Federal [NPRI](#)

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Aug 31, 2019

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

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

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

Orders:

Provincial

[ORD](#)

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

Government Publication Date: 1994-Oct 31, 2019

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

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

Government Publication Date: 1988-Oct 2019

Pipeline Incidents:

Provincial

[PINC](#)

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

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

Government Publication Date: 1994-Oct 31, 2019

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental clean-up 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-Sep 2019

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Jul 31, 2019

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Jun 2019

Wastewater Discharger Registration Database:

Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal TCFT

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

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Oct 31, 2019

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

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

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

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

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

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