Phase One Environmental Site Assessment
90 Woodridge Crescent, Ottawa, Ontario

Client:
Ferguslea Properties Ltd.

Type of Document:
Final

Project Name:
Phase One Environmental Site Assessment

Project Number:
OTT-00201554-G0

Prepared By:
Leah Wells, P.Eng.,

Reviewed By:
Mark McCalla, P. Geo.,

EXP Services Inc.
100-2650 Queensview Drive
Ottawa, Ontario K2B 8H6
t: +1.613.688.1899
f: +1.613.225.7337

Date Submitted:
2022-02-25

Legal Notification

This report was prepared by EXP Services Inc. for the account of **Ferguslea Properties Ltd.**

Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. EXP Services Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this project.

Table of Contents

List of Figures

List of Appendices

Executive Summary

EXP Services Inc. (EXP) was retained by Ferguslea Properties Ltd. to complete a Phase One Environmental Site Assessment (ESA) of the of property located at 90 Woodridge Crescent in Ottawa, Ontario hereinafter referred to as the 'Site' or 'Phase One property'. At the time of the investigation, the north part of the Phase One property was vacant, and the south part of the property was part of an OC Transpo transfer station.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used to support an official plan amendment and zoning bylaw amendment with the City of Ottawa.

Although the Phase One property was not being used for any purpose defined by Ontario Regulation 153/04 at the time of the investigation, EXP understands that the most recent use of the property was as a snow disposal facility, which is a type of industrial property use, and that the proposed future property use is residential. Consequently, in accordance with Regulation 153/04, as amended, a Record of Site Condition (RSC) will need to be filed.

The Phase One property is the east part of the property with the municipal address 90 Woodridge Crescent, located approximately 140 m west of the Bayshore Shopping Centre in Ottawa, Ontario. The Phase One property is irregular is shape, with an approximate area of 0.9 hectares.

The Phase One property is adjacent east to a residential apartment building and parking lot. The legal description of the Phase One property is part of Plan 465465, part of Block A. The property identification number (PIN) is 047010125.

The first developed use of a property is defined as use that resulted in the development of a building or structure. Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property has never been developed. However, the Phase One property was used as a snow disposal site between the 1970s and early 2000s.

Between 2012 and 2018, the Phase One property was leased by Ivanhoe Cambridge and used as a parking lot during renovations at the Bayshore Shopping Center. Following this, the Phase One property was vacant until late 2021, at which time the adjacent OC Transpo transfer station was expanded onto the south part of the Phase One property.

The following on-site potentially contaminating activities (PCA) were identified:

- PCA #Other – Former snow disposal facility
- PCA #Other – Historic total petroleum hydrocarbons (TPH) exceedance in groundwater

The following off-site PCA were identified:

- PCA #28 – Gasoline and Associated products storage in fixed tanks
- PCA #46 – Rail Yards, Tracks, and Spurs
- PCA #55 – Transformer Manufacturing, Processing and Use

Based on the intervening distance, and the cross-gradient location from the Phase One property, none of the off-site PCAs identified in the Phase One study area are an environmental concern to the Phase One property. Previous investigations on the adjacent properties did not identify any impacts related to fuel ASTs or transformers. Therefore, these PCAs are unlikely to have impacted the Phase One property.

The use of the Phase One property as a former snow dump is a PCA (PCA **#Other –** Former snow disposal site). Based on the results of the previous Phase II ESA conducted at the snow dump property, the only soil exceedances of the Table 3 SCS were for EC and SAR.

The locations of test pit and borehole locations from previous investigations is shown on Figure 4. Soil exceedances are shown on Figure 5. It should be noted that the Table 3 SCS exceedances of SAR and/or EC are based on ecotoxicity considerations as opposed to human health considerations. Consequently, there are no current requirements to initiate additional investigative and/or remedial work.

One groundwater sample taken at the southeast corner of the Phase One property (MW28) in 2004 had a TPH (heavy oil) concentration of 1000 ug/L. Although this did not exceed the standards at the time of the investigation in 2006, the current comparable Table 3 standard of PHC F4 for is 500 ug/L (**PCA #other** – Historic TPH exceedance in groundwater).

Based on the groundwater flow direction to the north, MW28 is upgradient of any other monitoring wells on site, including both the wells installed in 2004 and those installed in 2017. As groundwater results for BTEX and PHC/TP previous groundwater monitoring events were below the detection limits for BTEX and PHC, there does not appear to be a contaminant plume on the Phase One property. It is likely that sediment was present in the groundwater sample taken from MW28, which resulted in the elevated concentration of TPH.

The PCAs identified on the Phase One property have resulted in APECs summarized in the table below.

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #2	Entire Phase One property	PCA #Other – Former snow disposal facility	On-Site	Metals, EC, SAR	Soil

The APEC, which was identified in previous investigations, is considered to be well characterized. Based on results, shallow impacts to EC/SAR, vanadium have been detected sporadically throughout the Phase One property. Since no new PCA have been identified since these investigations, no additional Phase Two work is considered necessary.

The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.

1.0 Introduction

EXP Services Inc. (EXP) was retained by Ferguslea Properties Ltd. to complete a Phase One Environmental Site Assessment (ESA) of the of property located at 90 Woodridge Crescent in Ottawa, Ontario hereinafter referred to as the 'Site' or 'Phase One property'. At the time of the investigation, the north part of the Phase One property was vacant, and the south part of the property was part of an OC Transpo transfer station.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Section 9 of this report.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property, however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

1.1 Objective

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used to support an official plan amendment and zoning bylaw amendment with the City of Ottawa.

Although the Phase One property was not being used for any purpose defined by Ontario Regulation 153/04 at the time of the investigation, EXP understands that the most recent use of the property was as a snow disposal facility, which is a type of industrial property use, and that the proposed future property use is residential. Consequently, in accordance with Regulation 153/04, as amended, a Record of Site Condition (RSC) will need to be filed prior to a change in land use.

EXP personnel who conducted assessment work for this project included Leah Wells, P.Eng.. Mark McCalla, P.Geo., and Chris Kimmerly, P.Geo. An outline of their qualifications is provided in Appendix A.

1.2 Phase One Property Information

The Phase One property is the east part of the property with the municipal address 90 Woodridge Crescent, located approximately 140 m west of the Bayshore Shopping Centre in Ottawa, Ontario. The Phase One property is irregular in shape, with an approximate area of 0.9 hectares. The site location is shown on Figure 1.

The Phase One property is east adjacent to the residential apartment building and parking lot. The legal description of the Phase One property is part of Plan 465465, part of Block A. The property identification number (PIN) is 047010125.

A Site Location Plan is provided as Figure 1 in Appendix C.

The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property centroid are Zone 18, 436437m E and 5021687 m N. The UTM coordinates are based on measurements from Google Earth Pro, published by the Google Limited Liability Company (LLC). The accuracy of the centroid is estimated to be less than 10 m.

2.0 Scope of Investigation

The scope of work for the Phase One ESA consisted of the following activities:

- Reviewing the historical occupancy of the Phase One property through the use of available archived and relevant municipal and business directories, fire insurance plans (FIPs), topographical maps, and aerial photographs;
- Reviewing municipal and provincial records to determine whether activities that have occurred within the Phase One study area pose a potential environmental concern to the Phase One property;
- Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Phase One property and surrounding properties within a 250-metre radius of the Phase One property;
- Reviewing available geological maps, well records and utility maps for the vicinity of the Phase One property;
- Reviewing previous environmental and geotechnical reports for the Phase One property and study area;
- Obtaining a search of title and assessment rolls for the Phase One property;
- Conducting a reconnaissance of the Phase One property and surrounding properties within a 250-metre radius of the Phase One property in order to identify the presence of actual and/or potential environmental contaminants or concerns of significance;
- Conducting interviews with designated representative(s) as a resource for current and historical information;
- Reviewing the current use of the Phase One property and any land use practices that may have impacted its environmental condition;
- Reviewing the current use of the surrounding properties and any land use practices that may have impacted the environmental condition of the Phase One property; and,
- Preparing a report to document the findings.

In completing the scope of work, EXP did not conduct any intrusive investigations, including sampling, analyses, or monitoring. EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others.

3.0 Records Review

3.1 Phase One ESA Study Area Determination

The Phase One study area comprises the Phase One property and surrounding properties wholly or partly within 250 metres of the property boundaries. The 250-metre radius was used to gain an understanding of the current and past uses of surrounding properties to determine whether such uses may have contributed to subsurface environmental impacts at the Phase One property. At the time of the site reconnaissance, land usage within 250 metres of the Site was primarily residential and commercial.

The Site is zoned for residential use. The surrounding properties in the Phase One study area are primarily residential, the property to the east adjacent are zoned for general mixed use (Bayshore Mall). Highway 417 is south adjacent to the Phase One property.

The Phase One study area is shown on Figure 2 in Appendix C.

3.2 First Developed Use Determination

The first developed use of a property is defined as a use that resulted in the development of a building or structure. Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property has never been developed. However, the Phase On property was used as a snow disposal site between the 1970s and early 2000s.

Between 2012 and 2018, the Phase One property was leased by Ivanhoe Cambridge and used as a parking lot during renovations at the Bayshore Shopping Center. Following this, the Phase One property was vacant until late 2021, at which time the adjacent OC Transpo transfer station was expanded onto the south part of the Phase One property.

The surrounding neighborhood was developed circa 1965 with a residential complex.

3.3 Fire Insurance Plans

A search of The Catalogue of Canadian Fire Insurance Plans 1875 – 1975 (Catalogue) determined no fire insurance plans (FIPs) exist for the Phase One property.

3.4 Chain of Title

A chain of title was requested from Read Abstracts Limited for the Phase One property. A chain of title search provides a list of property owners and the dates when they owned them. To date chain of title information has not been received.

A partial chain of title indicates that the Phase One property has been owned by Ferguslea Properties Ltd. since 1997. Prior to 1997, the Phase One property was owned by Otnim Properties Ltd. Prior to Otnim, the Phase One property was owned by Minto.

3.5 City Directories

As part of a 2016 Phase I ESA, EXP reviewed city directories dated 1960, 1965, 1970, 1975, 1980, 1984, 1990, 1995, 2000, 2005, and 2010 at the National Library and Archives Canada in order to identify the occupancy history of the Site and neighbouring properties for potential environmental concerns. No streets in the area were listed prior to 1960. The following table summarizes the directory search.

Location	Proximity to the Phase One Property	Year	Occupant	Environmental Concern to Phase One Property (Yes/No)
90 Woodridge Crescent	Phase One Property	1990s - present	Residential	No
71-87 Woodridge Crescent	15 m north	Prior to 1965 1965 – present	No listing Residential	No
47-49 Woodridge Crescent	100 m northeast	Prior to 1965 1965 – present	No listing Residential	No
59 Woodridge Crescent	100 m northeast	Prior to 1965 1965 – present	No listing Residential	No
98 Woodridge Crescent	120 m northwest	Prior to 1970 1970 - present	No listing Residential	No
104-114 Woodridge Crescent	215 m northwest	Prior to 1965 1965 – present	No listing Residential	No

Based on the city directory search, no potentially contaminating activities (PCA) were identified in the Phase One study area.

3.6 Environmental and Geotechnical Reports

The following environmental reports pertaining the Phase One property were reviewed:

1. Trow Associates Inc. (now EXP), *Phase I & II Environmental Site Assessment, Woodridge Crescent Snowdump, Ottawa, Ontario*, August 2004.

The report addresses Phase One property, which formerly operated as a snow disposal site. Historical information indicated that the site had always been vacant. Additional information provided to Trow at the time of the investigation indicated that a historic fuel oil spill had occurred to the east of the Phase One property. A berm was present at the south end of the property, which was also used as a storage area for waste bins, construction supplies, and maintenance equipment.

The Phase II investigation consisted of drilling 30 boreholes and completing 9 of them as monitoring wells. Shallow soil samples were also collected from the berm. Soil and groundwater samples were submitted for analysis of metals, total petroleum hydrocarbons (TPH), and benzene, toluene, ethylbenzene, and xylenes (BTEX).

Soil exceedances of TPH were observed in one borehole on the west part of the Phase One property, near the adjacent parking lot. The area of impacted soil was approximately 10 m^2 and 0.3 m deep.

Based on the soil analytical results obtained, no exceedances of applicable provincial soil quality criteria were observed for metals. However, electrical conductivity (EC) exceeded applicable criterion for some of the soil samples submitted. Based on the groundwater analytical results obtained, no exceedances of applicable provincial groundwater quality criteria for petroleum hydrocarbons or metals were documented.

2. Bayshore Residential Development, Soil Remediation, Former Snow Disposal Site, Woodridge Crescent, Ottawa, Ontario, Final Report, April 2006.

This report documents remediation activities to remove petroleum impacted soil delineated in the Phase II ESA conducted in 2004 from the Phase One property. As part of previous investigations, a total of 55 soil samples and 7 groundwater samples were submitted for analysis of petroleum hydrocarbons (PHC) and inorganic parameters. Soil and groundwater samples were compared to Table 3 site condition standards (SCS) for residential land use and coarse textured soil. Excavation activities were conducted by Quantum Environmental Group. Approximately 5 tonnes of petroleum impacted soil was removed from the Phase One property. Four confirmatory samples were submitted for analysis of BTEX and PHC. All of the confirmatory samples met the current Table 3 SCS.

In addition, 25 surface soil samples were collected from similar locations as the 2004 sampling program. Six groundwater samples were collected from existing groundwater monitoring wells, three of which were on the Phase One property and three of which were on the west adjacent part of 90 Woodridge Crescent. The soil and groundwater samples were submitted for laboratory analysis of calcium, chloride, sodium and electrical conductivity. There are no Tables 3 SCS for calcium, chloride, or sodium in soil. An overall decreasing trend was noted between the 2003 and 2005 soil samples. There are no current Table 3 SCS for calcium for groundwater, and the samples met the Table 3 SCS for sodium and chloride.

3. EXP Services Inc., *Criteria Assessment of Former Snow Dump, 100 Bayshore Drive, Ottawa, Ontario*, April 2012.

The objective of this report was to compare results from previous investigations to the new soil and groundwater standards released by the Ministry of the Environment (MOE) in July 2011. Prior to 2004, hydrocarbon contamination was assessed by total petroleum hydrocarbons (gas, diesel, and heavy oil fractions) as well as oil and grease. The updated regulations assess results to petroleum hydrocarbons (PHC) fractions F1 to F4. Direct comparison of these parameters is not possible, however, TPH is approximately comparable to PHC F1 to F3, and oil and grease is approximately comparable to F4.

The previously identified petroleum impact at the west part of the site was remediated in 2005. A soil sample from adjacent to the berm exceeded the Table 3 Site Condition Standards (SCS) for EC, likely related to application of road salt. One groundwater sample at the southeast corner of the Phase One property (MW28) had a TPH (heavy oil) concentration of 1000 ug/L. This did not exceed the standards at the time of the investigation in 2006; however, it would exceed the current PHC F4 standards. No other soil or groundwater exceedances were identified when compared to the 2011 criteria.

4. EXP Services Inc., *Phase II Environmental Site Assessment, 100 Bayshore Drive, Ottawa, Ontario*, July 2017.

The property addressed in this report involved the Phase One property as well as the east adjacent property (100 Bayshore Drive). The investigation was conducted to assess the potential effects of the recent use as a parking lot and construction office. The investigation consisted of advancing 12 boreholes across the property and completing four of the boreholes as monitoring wells. Seven of the boreholes were advanced on the Phase One property, two of which were completed as monitoring wells.

Representative soil and groundwater samples were collected and submitted for laboratory analysis of metals, inorganics, and PHC. Based on the analytical results obtained, no adverse impacts were detected in the groundwater. With respect to soil, the majority of the analysed soil samples were less than the MOECC 2011 Table 3 SCS, which is applicable for this site. The exception to this was vanadium in several boreholes and EC in three locations.

Due to the depth and distribution, the vanadium was considered to be naturally occurring and not indicative of soil contamination. The exceedances for electrical conductivity were considered to be caused by excess road salt, as electrical conductivity was previously measured at the site and attributed to the previous snow disposal site. Therefore, based on the above, it was concluded that the recent leasehold activities did not adversely impact the site.

5. Golder Associates, *Test Pitting Program, 90 Woodridge Crescent, Ottawa, Ontario*, October 2017.

Golder Associates executed a test pitting program on the eastern portion of the property located at 90 Woodridge Crescent (the Phase One property), which was vacant at the time of the investigation. The Phase One property was owned by Ferguslea Inc. and leased to Ivanhoe Cambridge for use as a parking lot during construction activities at the adjacent commercial property (Bayshore Mall). The test pit program was undertaken to assess the quality of re-graded soil berms and imported fill material. Thirteen test pits, from 0.1 to 3.0 meters below ground surface (m bgs) were excavated on the Phase One property. Soil samples were submitted for analysis of PHCs, BTEX, PAHs, metals and inorganics. All of the soil samples were within applicable site condition standards (SCS), with the exception of electrical conductivity (EC) and sodium adsorption ration (SAR). These exceedances are associated with road salt related to the previous use of the property as a snow disposal site.

6. Golder Associates, *Summary of Soil Sample Results for Eastern Portion of Property at 90 Woodridge Crescent, Ottawa, Ontario*, October 2017.

Soil results were compared to the Table 3 SCS for industrial/commercial/community property use. Exceedances of the Table 3 SCS for SAR and EC were found in multiple soil samples. These exceedances were attributed to road salt application from the historic use of the Site as a snow disposal site. The 2004 results were compared to the 2017 results to evaluate the site conditions relative to pre-lease conditions. Comparison of the results showed that concentrations of 2004 and 2017 EC and SAR concentrations were generally similar, on average concentrations were higher in the 2017 samples.

7. EXP Services Inc., *Document Review – Test Pitting Program, 90 Woodridge Crescent, Ottawa, Ontario*, November 2017.

The purpose of this report was to review various documents provided by Ferguslea as they pertain to the current site conditions at 90 Woodridge Crescent and provide an opinion regarding the site conditions with respect to future land development. Low level soil impacts were identified on the property, attributed to the historic use of the Phase One property as a snow disposal site. Two subsurface investigations were completed in 2017, by EXP in July and by Golder in October, the purpose of which was to assess if the use of the Phase One property under the leasehold agreement (for parking and office trailers), during the Bayshore Mall renovations had adversely impacted the Phase One property.

3.6.1 Summary of Previous Investigations

The use of the Phase One property as a former snow dump is a PCA (PCA **#Other –** Former snow disposal site). Based on the results of the previous Phase II ESA conducted at the snow dump property, the only soil exceedances of the Table 3 SCS were for EC and SAR.

The locations of test pit and borehole locations from previous investigations is shown on Figure 4. Soil exceedances are shown on Figure 5. It should be noted that the Table 3 SCS exceedances of SAR and/or EC are based on ecotoxicity considerations as opposed to human health considerations. Consequently, there are no current requirements to initiate additional investigative and/or remedial work.

One groundwater sample taken at the southeast corner of the Phase One property (MW28) in 2004 had a TPH (heavy oil) concentration of 1000 ug/L. Although this did not exceed the standards at the time of the investigation in 2006, the current comparable Table 3 standard of PHC F4 for is 500 ug/L (**PCA #other** – Historic TPH exceedance in groundwater).

Based on the groundwater flow direction to the north, MW28 is upgradient of any other monitoring wells on site, including both the wells installed in 2004 and those installed in 2017. As groundwater results for BTEX and PHC/TP previous groundwater monitoring events were below the detection limits for BTEX and PHC, there does not appear to be a contaminant plume on the Phase One property. It is likely that sediment was present in the groundwater sample taken from MW28, which resulted in the elevated concentration of TPH.

3.6.2 Adjacent Properties

The following reports for adjacent properties within the Phase One study area were also reviewed.

3.6.2.1 100 Bayshore Drive

1. Golder Associates, *Phase I Environmental Site Assessment, Part of 100 Bayshore Drive, West of Bayshore Shopping Centre, Ottawa, Ontario*, September 2017

This Phase I ESA was conducted on the vacant property east adjacent to the Phase One property. The vacant site was also used as a parking lot during mall renovations. The property had been developed with a recreation centre from the 1960s to the 1990s, at which time the building was demolished. The Phase I ESA identified fill material of unknown quality as a potentially contaminating activity (PCA). A Phase II ESA was recommended.

2. Golder Associates, *Test Pitting Program, Vacant Parcel West of Bayshore Shopping Centre, 100 Bayshore Drive, Ottawa, Ontario*, October 2017.

The test pitting program was conducted to assess the fill quality on the Phase II property. Ten test pits were excavated on the property between 0.8 and 3.0 m bgs. One soil sample from each test pit was submitted for chemical analysis of BTEX, PHC, PAH, metals, EC, and SAR.

There were no exceedances of the Table 3 SCS for industrial/commercial/community property use. EC and SAR exceedances, inferred to be associated with road salt application were present in some of the soil samples.

3. Golder Associates, Phase One Environmental Site Assessment, West of Bayshore Shopping Mall, Ottawa, Ontario, December 2019.

The Phase One ESA was conducted to support an RSC which will be filed for the property, as it is intended to be developed for residential use. Several PCAs and associated APECs were identified on the site. Two fuel ASTs were present on the southwest part of the site while it was used as a construction yard. A salt dome was present on the southwest corner of the site between 2012 and 2016. The dome was covered and located on a concrete pad. A pad mounted transformer was identified on the northwest part of the site, and to the southeast of the site. All of these PCAs were considered to result in APECs.

4. Golder Associates, Phase Two Environmental Site Assessment, 100 Bayshore Drive, Ottawa, Ontario, March 2021.

The Phase Two investigation was conducted to assess APECs identified in the Phase One report. Eight boreholes were advanced on the site, five of which were completed as monitoring wells. There were no exceedances of the applicable SCS in any soil or groundwater samples with the exception of salt related impacts (EX and SAR) in some of the soil samples, and chloride in the groundwater samples. Elevated levels of vanadium were observed in the clay samples, but this was attributed to natural elevations in the clay.

Based on a review of the reports for the adjacent property several PCAs were identified in the Phase One study area. A salt dome was identified on the site. The salt dome on the west adjacent property was covered and stored on a concrete pad. Due to the short duration that it was present, and the containment system, it is unlikely that the salt dome has impacted the Phase One property. Previous assessments did not identify any impacts related to fuel ASTs or transformers. Therefore, these PCAs are unlikely to have impacted the Phase One property.

3.6.2.2 90 Woodridge Crescent, the “Fairview”

The high-rise building at 90 Woodridge Crescent is located 20 m west of the Phase One property.

1. Trow Associates Inc. (now EXP), *Phase II Environmental Site Assessment, Fairview Building, Bayshore Residential Development, 90 Woodridge Crescent, Ottawa, Ontario*. August 2004.

The objective of the Phase II ESA was to assess potential environmental concerns associated with the presence of former and existing on-site fuel oil USTs. Based on the results of the Phase II ESA, PHC contaminated soil and groundwater was present on the Site in concentrations that exceeded the applicable provincial criteria.

2. Trow Associates Inc. (now Exp), *Bayshore Residential Development, Underground Storage Tank Removal and Soil Remediation, Fairview Building, 90 Woodridge Crescent, Ottawa, Ontario*, September 2006.

The objective of the remedial effort was to remove the UST and the associated impacted soil and determine the potential for off-site migration of PHC impacted groundwater. In June 2005, the furnace oil UST was removed from the subject site. Between June and September 2005, Trow representatives were on site to supervise contaminated soil excavation activities and to collect soil samples from the remedial excavation work completed at the exterior of the Site building. Approximately 3,300 tonnes of PHC impacted soil was removed from the Site.

Between August and November 2005, approximately 365 tonnes of PHC impacted soil was removed from a remedial excavation that was completed in the underground parking garage. In late January and February 2006, approximately 5 tonnes of PHC impacted soil and concrete were removed from the Site.

The confirmatory soil samples submitted from both excavations satisfied the provincial criteria which were applicable at the time of the work. Following the completion of the remediation activities, representative groundwater samples were collected from the excavations. The concentrations of PHCs in the groundwater samples were below the applicable provincial criteria.

3. EXP Services Inc., *Screening Level Risk Assessment, The Fairview Building, 90 Woodridge Crescent, Ottawa, Ontario*, August 2011.

In July 2011, the Ontario Ministry of Environment (MOE) revised the soil and groundwater quality criteria. EXP completed a review of the previous soil and groundwater remediation at the subject site and found that the PHC concentrations in the soil, which met the original criteria, exceeded the new criteria. To determine if the PHC concentrations in soil represented a risk to human health an SLRA was conducted.

Air samples were collected from the basement of the building and submitted for analysis of PHCs. Potential theoretical risks were identified to on-site human receptors (long-term workers, property residents and property visitors) from exposure to PHCs in soil located beneath the basement floor via indoor air inhalation exposure pathway. However, the air sample results did not identify any actual risks via this pathway and the subject site was deemed suitable for use as a residential property.

Based on a review of the adjacent property, the former UST bedside the building is a PCA (PCA #28 – Gasoline and associated products storage in fixed Tanks). However, The UST has since been removed from the property and any potential impacts delineated and remediated. Therefore the former UST does not represent an environmental concern to the Phase One property.

3.7 Environmental Source Information

Information pertaining to the Phase One property was obtained by reviewing documents that are available to the public through municipal and provincial sources. EXP did not identify the need to contact any federal agencies.

Written responses from regulatory agencies and copies of documents obtained via searches are provided in Appendix D.

3.7.1 Ontario Ministry of the Environment, Conservation and Parks Records

On February 11, 2022, records pertaining to the Phase One property were requested from the Ministry of the Environment, Conservation and Parks (MECP) through the *Freedom of Information and Protection of Privacy Act* (FOI). To date, no response has been received. If environmentally significant information is obtained from the MECP search, it will be provided as an addendum to this report.

3.7.2 Historical Land Use Inventory

An HLUI request was made to the City of Ottawa on June 23, 2016, as part of the Phase I ESAs conducted for the Accora Village complex in 2016. A response was received from the City July 19, 2016. The following significant entries were noted:

- 90 Woodridge Crescent – Minto Private snow dump (**PCA #Other** – Former snow disposal facility)
- 100 Bayshore Drive – Park Clean (**PCA #37** – Operation of Dry Cleaning Equipment (where chemicals are used))

The presence of the former snow dump has been addressed by previous investigations (Section 3.6). A dry cleaner (PCA #37) was identified inside the Bayshore Shopping Center. Due to the distance from the Phase One property, as well as the location inside the mall where it is unlikely to impact the subsurface, this does not constitute an APEC.

None of the records reviewed are considered an environmental concern to the Phase One property. A copy of the HLUI results is included in Appendix C.

An updated HLUI request was submitted February 11, 2022. A copy of the request is provided in Appendix C. It is unlikely that any additional environmentally significant information will be obtained from the updated HLUI.

3.7.3 Technical Standards and Safety Authority

As part of the Phase I ESAs conducted in 2016, a request for information regarding the subject site and certain nearby properties was made to the Technical Standards and Safety Authority (TSSA). Their response stated they had no records of any outstanding instructions, incident reports, furnace oil spills, or contamination records for the subject site or in the near vicinity.

3.7.4 Environmental Registry

On January 19, 2022, the MECP Environmental Registry website was searched for postings in the vicinity of the Phase One property, no records were found.

- 100 Bayshore Drive (120 m east) – A Permit to Take Water issued to PCL Constructors for construction dewatering Approval number 011-6664 was issued August 2013.
- 100 Bayshore Drive (120 m east) – CA issued to Ivanhoe Cambridge for discharge to air Certificate number EBR IA05E0408 issued October 2006.

Both of the records are associated with Bayshore Mall, neither of which pose an environmental concern to the Phase One property.

3.7.5 Environmental Registry

On January 19, 2022, the MECP Environmental Access website was searched for postings within the Phase One study area, the following records were found:

- 100 Bayshore Drive (120 m east) – CA for the operation of HVAC, hot water supply, emergency generator and maintenance equipment exhausting to the atmosphere issued to Ivanhoe Cambridge Inc. Certificate number 2006-6JSMMH issued January 2006.
- 100 Bayshore Drive (120 m east) – ECA for interim stormwater management works, designed to service an interim parking lot with 237 parking spaces, a temporary construction complex, 9 trailers and an access route issued to Bayshore Shopping Centre Ltd. Certificate 9336-954MP2, issued February 2013.
- 41 Holly Acres Road (210 m west) – ECA for the construction of a new oil/water separator for the collection, transmission, treatment and disposal of stormwater and oil spill containment from the transformers T1 and T2 issued to Hydro Ottawa. Certificate 5134-B4KJXD, issued September 2018.

The location of the transformers (**PCA #55** – Transformer Manufacturing, Processing and Use), is 120 m from the Phase One property. In addition, Graham Creek is present between 41 Holly Acres Road and the Phase One property. Therefore, this is not considered an environmental concern to the Phase One property.

None of the records reviewed pose an environmental concern to the Site.

3.7.6 Hazardous Waste Information Network

On January 21, 2021, the MECP Hazardous Waste Information Network (HWIN) website was searched for registered waste generators within the Phase One study area. The following records were found:

Location (Generator)	Wastes Generated	Years	Environmental Concern to Phase One Property and Rationale
OCDSB 145 Woodridge Crescent (ON9691158)	Paint/pigment/coating residues, other specified inorganics	2009 to 2021	No, it is unlikely that large amounts of waste are generated at a school.
Ivanhoe Cambridge Inc 100 Bayshore Drive (ON5215665)	Alkaline wastes, specified inorganics, inorganic laboratory chemicals, aliphatic solvents, petroleum distillates, oil skimmings and sludges, waste oils and lubricants	2013 to 2021	No, it is unlikely that large quantities of waste are generated based on inferred operations (all located in Bayshore Shopping Centre), and distance of the actual building from the Phase I property (70 m). As these generators are all located within the mall, any potential leakage from operations is unlikely to impact the subsurface.
Bayshore Dental 100 Bayshore Drive (ON3019203)	Pathological wastes	2014 to 2021	
FGL Sports Ltd. 100 Bayshore Drive (ON6745657)	Aliphatic solvents	2017 to 2021	
Walmart 100 Bayshore Drive (ON2683618)	Acid waste, alkaline waste, paint/pigment/coating, inorganic laboratory chemicals, halogenated pesticides, waste oils and lubricants, pharmaceuticals, pathological wastes, and waste compressed gases.	2016 to 2021	

The waste generators in the Phase One study area are associated with commercial businesses at the Bayshore Mall, or with property management at the adjacent residential buildings. It is not anticipated that significant quantities of waste are generated at any of these properties. In addition, all of the properties are located down or cross gradient from the Phase One property and therefore not considered an environmental concern to the site.

3.7.7 Records of Site Condition

On January 23, 2022, the MECP Brownfields Registry website was searched for postings of Records of Site Condition within the Phase One study area. No records were found.

3.7.8 Coal Gasification Plants

Documents entitled *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario* prepared by the MECP and *Inventory of Coal Gasification Plant Waste Sites in Ontario* prepared by Intera Technologies Ltd. were reviewed. There were no coal gasification plants identified within the Phase One study area.

3.7.9 PCB Storage Sites

Documents entitled *National Inventory of PCBs in Use and PCB Wastes in Storage in Canada*, *2003 Annual Report* prepared by Environment Canada and *Ontario Inventory of PCB Storage Sites* prepared by the MECP were reviewed. No records pertaining to PCB storage sites were identified within the Phase One study area.

3.7.10 Waste Disposal Sites

Documents entitled *Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario* prepared by Golder Associates Ltd. and *Waste Disposal Site Inventory* prepared by the MECP were reviewed. No former landfills or waste disposal sites were identified within the Phase One study area.

3.7.11 Former Industrial Sites

The document entitled *Mapping and Assessment of Former Industrial Sites; City of Ottawa* prepared by Intera Inc. was reviewed. No former industrial sites were identified within the Phase One study area.

3.8 EcoLog ERIS Database Search

A search of provincial and federal databases for records pertaining to the Phase One property and properties within the Phase One study area was conducted by EcoLog ERIS. EXP has confirmed neither the completeness nor the accuracy of the records that were provided. A summary of the more significant findings is provided below. A copy of the EcoLog ERIS report is provided in Appendix E.

Entries from the EcoLog ERIS report were reviewed and summarized below:

Location	Description	Database	Environmental Concern to Phase One Property (Yes/No) & Rationale
Phase One Property			
90 Woodridge Crescent	Quantum Environmental Group registered waste generator of light fuels in 2005 (ON9335348).	GEN	No, this record is associated with remedial excavation on the Phase One property.
Phase One Study Area			
98 Woodridge Crescent	Ferguslea Properties Ltd., registered waste generator of paint/pigments/coatings and waste compressed gases from 2020 to 2021 (ON3800592).	GEN	No, it is unlikely that operations are generating significant amounts of waste.
145 Woodridge Crescent	OCDSB, registered waste generator of PCBs from 2006 to (ON7177979), and paint/pigment /coating residues, and inorganics from 2009 to 2020 (ON9691158). June 27, 1995, 4 L of motor oil spilled to road due to collision.	GEN	No, it is unlikely that large amounts of waste are generated at a school.
100 Bayshore Drive	October 14, 1997, 23 L of diesel fuel was spilled to asphalt. July 18, 2005. 68 L of hydraulic oil spilled to roadway. August 23, 2010. Bellai Construction spilled 200 L of diesel fuel to pavement. October 22, 2013. PCL Constructors spilled 5 gallons of hydraulic oil to asphalt. September 14, 2013. Maurice Yelle spilled 20 L of diesel fuel to catch basin. March 20, 2014. PCL Constructors spilled 140 L of concrete admixture to ground. April 27, 2016. 10 L of hydraulic oil spilled to ground.	SPL	No, based on the quantities of contaminant spilled and the distance from the Phase One property (70 m). These spills likely occurred on the part of 100 Bayshore which was used as a staging area during construction. This property has been assessed (Section 3.6.2.1), not impacts related to spills were identified.
	Black Photo, registered waste generator of photo processing wastes 1990 to 2001 (ON0074379). Eaton, registered waste generator of paint/pigment/coating residues and waste oils and lubricants from 1993 to 2001 (ON0283810). Astral Photo, registered waste generator of photo processing wastes from 1994 to 2001 (ON0566607).	GEN	No, it is unlikely that large quantities of waste are generate based on inferred operations (all located in Bayshore Shopping Centre), and distance of building from Phase One property (70 m). As these generators are all located within the mall, any potential leakage from operations is unlikely to impact the subsurface.

	Direct Film, registered waste generator of photo processing wastes from 1989 to 1998 (ON1171500). The Bay, registered waste generator of waste oils and lubricants from 1990 to 2001 (ON1354400), halogenated solvents 2002 to 2004 (ON6490023), paint/pigment/coatings from 2007 to 2010 (ON2987118). Pharma Plus, registered waste generator of pharmaceuticals and pathological wastes from 1995 to 1998 (ON1553304). 845577 Ontario Ltd., registered waste generator of photo processing wastes from 1994 to 2001 (ON1879100). Lenscrafters, registered waste generator of organic laboratory chemicals in 2001 (ON2683900). Ivanhoe Cambridge Inc., registered waste generator of oil skmmings and sludges from 2007 to 2008 (ON3092694), other specified inorganics from 2010 to 2013, and petroleum distillates, alkaline waste, and waste oil and lubricants from 2013 to 2021 (ON5215665). Kone Inc., registered waste generator of oil skimmings and sludges, and waste oils and lubricants from 2007 to 2010 (ON7288136). OC Transpo, registered waste generator of inert organic wastes from 2013 to 2016 (ON8973008). Bayshore Dental, registered waste generator of pathological wastes from 2014 to 2021 (ON3019203). Walmart, registered waste generator of alkaline wastes, waste compressed gases, organic laboratory chemicals, pathological wastes, waste oils and lubricants, halogenated pesticides, paint/pigment/coating residues, and acid wastes from 2016 to 2021 (ON2683618). FGL Sport Ltd., registered waste generator of aliphatic solvents from 2017 to 2021 (ON6745657). Express LLC., registered waste generator of waste compressed gases and aliphatic solvents 2017 (ON8884139). Luxotica Retail North America, registered waste generator of aliphatic solvents, inorganic sludges, and waste crankcase oils and lubricants in 2020 (ON8645894).		
66 Woodridge Crescent	Nepean Hydro, registered waste generator of PCBs from 1992 to 1998 (ON0453107).	GEN	No, it is assumed this record is associated with the transformer station at 75 Creek's End Lane (210 m west)
50 Woodridge Crescent	December 31, 2012, 2 L of diesel fuel spilled to catch basin. April 22, 2006, 25-30 L of power steering fluid spilled to asphalt. May 11, 2008, 10 L of coolant spilled to road and catch basin. June 18, 2008, unknown quantity of diesel fuel spilled to road. June 4, 2009, 5 L of antifreeze spilled to catch basin. June 15, 2011, 40 L of coolant spilled to road. May 15, 2013, 200 L of diesel spilled to road and catch basin. January 10, 2020, 7 L of engine oil spilled to ground.	SPL	No, based on the small quantities of contaminant spilled and the distance from the Site.

41 Holly Acres Road	Hydro Ottawa, registered waste generator of waste oils and sludges in 2018 (ON7891253).	GEN	No, based on the distance from the Site (210 m), and the separation from the Phase One property by Graham Creek
Holly Acres Road and Highway 417	April 8, 1993, 22 L of transformer oil spilled to ground from cooling system leak.	SPL	No, based on small quantity of contaminant spilled.
	Nepean Hydro registered waste generator of alkaline wastes and oil skimmings and sludges from 1989 to 1998 (ON0453104)	GEN	No, based on the distance from the Site.

- The Pipeline Incidents database, TSSA Historic Incidents database, and Ontario Spills database identified three entries for natural gas leaks. As natural gas is discharged to the atmosphere, these spills are not a concern to the Phase One property;
- The Environmental Compliance Approval database had one entry for sewage works for the Bayshore Shopping Centre; and
- There were eight records found in the Water Well Information System (WWIS) database for the Phase I study area. All of the records were for monitoring wells.

Based on the review of the ERIS report the following PCAs were identified:

- Phase One property – Minto Private snow dump (**PCA #Other** – Former snow disposal facility)

The use of the Phase One property as a former snow disposal site was addressed by previous investigations (Section 3.6).

None of the records reviewed are considered an environmental concern to the Phase One property.

3.9 Physical Setting Sources

3.9.1 Aerial Photographs

Aerial photographs dated 1958, 1968, 1976, 1991, 1999, 2007, 2011, 2019, and 2021 were available for review on the City of Ottawa website. Aerial photographs dated prior to 1958 were not available for review. The following table summarizes the development and land use history of the Phase One property and adjacent properties as depicted on the reviewed aerial photographs. Copies of the aerial photographs are provided in Appendix F.

Aerial Photograph (year)	Details
1958	The Phase One property is vacant and undeveloped. The Phase One property and study area consists of agricultural land. A rail line borders the Phase One property to the south. Graham Creek is present approximately 100 m west of the Phase One property.
1965	The Phase One property remains vacant. Some of the Accora Village complex has been developed to the north of the Phase One property. Russell Court, part of Graham Court, and part of Williams Court have been developed with townhouse buildings. Construction of the Queensway highway on the former railroad is underway to the southeast. A recreational facility has been constructed east adjacent to the Phase One property. Properties to the south of the Phase One property remain agricultural.
1976	The Phase One property remains vacant. The remainder of the Accora Village complex has been developed, including the high-rise apartment as 90 Woodridge crescent, west adjacent to the Phase One property. Bayshore Shopping centre has been developed to the west. The Queensway highway has been completed to the south.
1991	The Phase One property and surrounding area remain unchanged.

Aerial Photograph (year)	Details
1999	The Phase One property is being used as a snow disposal site. The recreation facility east adjacent to the Phase One property has been demolished. A new recreation facility has been constructed at 98 Woodridge Crescent. The remainder of the Phase One study area is similarly developed to the 1991 aerial photograph.
2002	A berm is present at the south end of the Phase One property, which no longer appears to be used for snow disposal. A transitway station has been constructed east adjacent at the former recreation facility location.
2011	The Phase One property and study area appear to be similarly developed to the 2002 aerial photograph.
2014	The Phase One property is in use as a parking lot during construction work on the Bayshore Mall. A paved roadway runs though the Phase One property. The Phase One study area appears to be similarly developed to the 2011 aerial photograph.
2019	The Phase One property has been restored to its former condition as a vacant property. The properties in the Phase One study area are similarly developed to the 2017 aerial photograph.
2021	A gravel pad has been placed on the south part of the Phase One property in preparation for the extension of the OC Transpo transfer station. The Phase One study area is similarly developed to the 2019 aerial photograph.

Based on the review of the aerial photographs, the former rail line was identified as a **PCA #46** – Rail Yards, Tracks, and Spurs. No other PCAs have been identified in the Phase One study area in addition to those mentioned in previous sections.

3.9.2 Topography, Hydrology, Geology

Bedrock and surficial geology were reviewed via the Google Earth applications published by the Ontario Ministry of Energy, Northern Development and Mines. The bedrock geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/bedrock-geology and was last modified on March 19, 2018. The surficial geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology and was last modified on May 23, 2017.

Based on the above information, beneath any fill, the surficial geology of the subject site is characterized by Champlain Sea deposits of silt and clay under erosional terraces. The bedrock geology underlying the subject site is the Oxford Formation and consists of dolomite and sandstone.

Previous investigations have identified that the subsurface stratigraphy generally consists of crushed stone fill material overlying native silty clay. Bedrock was not encountered but is inferred to be approximately 30 meters below ground surface in the vicinity of the Phase One property based on well records.

Topographically, the land slopes to the north towards the Ottawa River, and west towards Graham Creek. The ground surface is approximately 66 metres above sea level (masl).

The nearest surface water body to the subject site is Graham Creek, which is located 100 m west of the Phase One property. The Graham Creek discharges to the Ottawa River. The groundwater flow direction is north towards the Ottawa River.

3.9.3 Fill Materials

Previous subsurface investigations have identified a layer of sand and gravel material on the Phase One property. The fill material has been characterized by previous subsurface investigations. The thickness of the fill layer ranges between 0.5 and 1.2 m.

3.9.4 Water Bodies and Areas of Natural Significance

The nearest surface water body to the subject site is Graham Creek, located 100 m to the west. Graham Creek discharges to the Ottawa River, 800 m to the north of the Phase One property.

There are no Area of Natural Significance (ANSI) within the Phase One study area, according to the Ministry of Natural Resources and Forestry Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).

3.9.5 Well Records

The Ontario well records website (www.ontario.ca/environment-and-energy/map-well-records water wells) was accessed. Eight well records were identified within the Phase One study area. All of the records were for monitoring wells. Four of the records were for monitoring wells installed on the Phase One property, and four records were for monitoring wells installed on the east adjacent property. All of the wells were installed in 2017. The water table is approximately 2 meters below ground surface.

Based on these records, the general stratigraphy at the Phase One property is described as gravel overlying up to 4 m of brown silty sand, overlying a silty clay.

There are no oil, gas, or salt wells within the Phase One study area, according to the Oil, Gas & Salt Resources Library (maps.ogsrlibrary.com/wells/).

3.10 Site Operating Records

No site operating records were provided to EXP for review.

3.11 Summary of Records Review

Based on a review of the available records, the following PCAs were identified:

- **PCA #Other** – Former snow disposal facility; Part of 90 Woodridge Crescent (east adjacent). Former private snow dump
- **PCA #Other** – Historic TPH in groundwater at the southeast corner of the Phase One property
- **PCA #28** – Gasoline and Associated products storage in fixed tanks; Former fuel UST at 90 Woodridge Crescent;
- **PCA #46** – Rail Yards, Tracks, and Spurs; rail line (south adjacent); Former rail line, now Highway 417.
- **PCA #48** – Salt Manufacturing, Processing, and Bulk Storage; salt dome on the east adjacent property between 2012 and 2016;
- **PCA #55** – Transformer Manufacturing, Processing and Use; Hydro transformer station at 41 Holly Acres Road (southwest adjacent).

4.0 Interviews

Interviews were conducted by EXP with the individuals identified to be the most knowledgeable about both the current and historical Phase One property uses. The purpose of interviews is to obtain information to assist in identifying areas of potential environmental concern and identify details of potentially contaminating activities or potential contaminant pathways, in, on or below the Phase One property.

During the completion of this Phase I ESA, David Boushey, Director of Maintenance for Accora Village, confirmed that there are no known environmental issues at the Site.

Responses to other questions were made during site reconnaissance and are discussed in Section 5.0.

5.0 Site Reconnaissance

5.1 General Requirements

On February 4, 2022, at 8 a.m., Ms. Leah Wells, P.Eng. of EXP conducted the site visit for the Phase One property. The weather was overcast with an approximate temperature of -15 degrees Celsius. The Site visit lasted approximately 20 minutes.

The site visit was conducted in accordance with EXP's internal health and safety protocols and with the Ministry of Labour health and safety regulations. The purpose of the site visit was to assess the current conditions of the Phase One property.

Observations of the Phase One property and surrounding properties within the Phase One study area were conducted. Adjoining properties were observed from within the grounds of the Phase One property and from public roads and sidewalks.

Photographs were taken at the Phase One property on February 4, 2021, and pertinent photographs are included in Appendix G.

5.2 Specific Observations at the Phase One Property

The north part of the Phase One property is a vacant parcel of land (Photo 6). The south part of the Phase One forms part of the Bayshore OC Transpo transfer station. The south part of the Phase One property is paved, and two bus shelters are present (Photo 1 and 2).

5.2.1 Buildings and Structures

No buildings are present on the Phase One property.

5.2.2 Site Utilities and Services

The Site is currently not serviced. Natural gas, electricity, and municipal water and sewer are available in the Phase One study area.

5.3 Storage Tanks

5.3.1 Underground Storage Tanks

No USTs were observed on the Site.

5.3.2 Above Ground Storage Tanks

A small plastic tote containing windshield washer fluid was present for OC Transpo bus use. The tote is raised off the ground and no staining was observed in the snow in the vicinity of the tote (Photo 3).

5.4 Chemical Storage Handling and Floor Condition

No chemicals are stored on the Phase One property, except for small quantities of antifreeze.

5.5 Areas of Stained Soil, Pavement or Stressed Vegetation

No vegetation was visible on the Phase One property due to snow. No significant staining was observed on the asphalt on the south part of the Phase One property.

5.6 Fill and Debris

The Phase One property was snow covered at the time of the site visit. Fill material has been identified on the Phase One property in previous investigations.

5.7 Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MECP. According to the Environmental Protection Act (EPA), an ECA (Air) is required for the ongoing operation of any equipment that may discharge a contaminant into the natural environment if the equipment was installed, modified or altered after June 29, 1988.

No air emissions of concerns were identified at the time of the site visit.

5.8 Odours

No strong odours were present during the site visit.

5.9 Noise

No excessive noise was heard during the site visit.

5.10 Other Observations

There were no pits and lagoons, no railways or spurs and no unidentified substances observed on the Phase One property.

5.11 Special Attention Items, Hazardous Building Materials and Designated Substances

No buildings were present on the Phase One property. Therefore, there was no evidence of any special attention items, hazardous building materials or designated substances (asbestos, zone depleting substances, lead, mercury, polychlorinated biphenyls (PCB), urea formaldehyde foam insulation, mould, or other special attention substances).

5.12 Abandoned and Existing Wells

No wells were observed at the Phase One property.

5.13 Roads, Parking Facilities and Right of Ways

Vehicular access to the Phase One property is from Woodridge Crescent.

5.14 Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and properties within 250 m of the Phase One property was conducted from publicly accessible areas to identify the occupants and document the uses and sources of potential environmental concerns that may impact the Phase One property. Refer to Figure 3 in Appendix C for the adjacent land uses.

The following land uses border the Phase One property:

- North: Residential (Accora Village Complex);
- West: Residential (90 Woodridge Crescent);
- East: (OC Transpo Station, Bayshore Mall) and

- South: Highway 417.

No other environmental concerns relating to the adjacent properties were observed at the time of the site visit.

5.13 Enhanced Investigation Property

Ontario Regulation 153/04 defines an enhanced investigation property as a "property that is used, or has ever been used, in whole or in part for an industrial use or any of the following commercial uses: a garage; a bulk liquid dispensing facility, including a gasoline outlet; or, for the operation of dry-cleaning equipment."

Therefore, in accordance with Regulation 153/04, the property is not considered to be an enhanced investigation property.

5.14 Summary and Written Description of Investigation

At the time of the investigation, the north part of the Phase One property was vacant, and the south part of the property was part of an OC Transpo transfer station.

Based on the findings of this investigation, PCAs have been identified in the Phase One study area, two of which were identified on the property. No additional PCAs were identified during the site visit. No additional PCAs have been identified since the previous investigations in 2017.

6.0 Review and Evaluation of Information

6.1 Current and Past Uses

The first developed use of a property is defined as a use that resulted in the development of a building or structure. Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property has never been developed. However, the Phase On property was used as a snow disposal site between the 1970s and early 2000s.

Between 2012 and 2018, the Phase One property was leased by Ivanhoe Cambridge and used as a parking lot during renovations at the Bayshore Shopping Center. Following this, the Phase One property was vacant until late 2021, at which time the adjacent OC Transpo transfer station was expanded onto the south part of the Phase One property.

The surrounding neighborhood was developed circa 1965 with a residential complex.

6.2 Potentially Contaminating Activity

Ontario Regulation (O. Reg.) 153/04 defines a Potential Contaminating Activity (PCA) as one of fifty-nine (59) industrial operations set out in Table 2 of Schedule D that occurs or has occurred in the Phase One study area.

The following on-site PCA were identified:

- **PCA #Other** – Former snow disposal facility; Part of 90 Woodridge Crescent (east adjacent). Former private snow dump; and
- **PCA #Other** – Historic TPH in groundwater at the southeast corner of the Phase One property.

The following off-site PCA were identified:

- **PCA #28** – Gasoline and Associated products storage in fixed tanks; Former fuel UST at 90 Woodridge Crescent;
- **PCA #46** – Rail Yards, Tracks, and Spurs; rail line (south adjacent); Former rail line, now Highway 417;
- **PCA #48** – Salt Manufacturing, Processing, and Bulk Storage; salt dome on the east adjacent property between 2012 and 2016; and
- **PCA #55** – Transformer Manufacturing, Processing and Use; Hydro transformer station at 41 Holly Acres Road (southwest adjacent).

6.3 Areas of Potential Environmental Concern

Ontario Regulation 153/04 defines an APEC as an area on a property where one or more contaminants are potentially present.

The PCAs identified on the Phase One property have resulted in APECs summarized in the table below.

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1	Entire Phase One property	PCA #Other – Former snow disposal facility	On-Site	Metals, EC, SAR	Soil

A furnace oil UST was formerly located beside the building on the adjacent property to the west. This UST was removed in 2005. Contaminated soil was removed from the site. Based on confirmatory sampling, no soil or groundwater impacts remained on the site after remediation. As any on-site contamination was remediated, and due to the separation distance and cross gradient location of the former UST relative to the Phase One property the former UST does not represent an environmental concern to the site.

Soil adjacent to the former rail line has been assessed as part of previous on-site investigations. No impacts were identified. The former rail line therefore does not represent an environmental concern to the Phase One property.

Due to the separation distance (210 m west) and cross gradient location, the transformer station does not represent an environmental concern to the Phase One property.

The salt dome on the west adjacent property was covered and stored on a concrete pad. Due to the short duration that it was present, and the containment system, it is unlikely that the salt dome has impacted the Phase One property.

Previous assessments on the west adjacent property did not identify any impacts related to fuel ASTs or transformers. Therefore, these PCAs are unlikely to have impacted the Phase One property.

Therefore, none of the off-site PCAs resulted in APECs.

The use of the Phase One property as a former snow dump is a PCA (PCA **#Other –** Former snow disposal site). Based on the results of the previous Phase II ESA conducted at the snow dump property, the only soil exceedances of the Table 3 SCS were for EC and SAR.

The locations of test pit and borehole locations from previous investigations is shown on Figure 4. Soil exceedances are shown on Figure 5. It should be noted that the Table 3 SCS exceedances of SAR and/or EC are based on ecotoxicity considerations as opposed to human health considerations. Consequently, there are no current requirements to initiate additional investigative and/or remedial work.

One groundwater sample taken at the southeast corner of the Phase One property (MW28) in 2004 had a TPH (heavy oil) concentration of 1000 ug/L. Although this did not exceed the standards at the time of the investigation in 2006, the current comparable Table 3 standard of PHC F4 for is 500 ug/L (**PCA #other** – Historic TPH exceedance in groundwater).

Based on the groundwater flow direction to the north, MW28 is upgradient of any other monitoring wells on site, including both the wells installed in 2004 and those installed in 2017. As groundwater results for BTEX and PHC/TP previous groundwater monitoring events were below the detection limits for BTEX and PHC, there does not appear to be a contaminant plume on the Phase One property. It is likely that sediment was present in the groundwater sample taken from MW28, which resulted in the elevated concentration of TPH.

6.4 Phase One Conceptual Site Model

To develop a conceptual model for the Phase One property, the following physical characteristics and pathways were considered. A conceptual site model (CSM) showing the topography of the site, inferred groundwater flow, general site features, APEC, and PCA is shown in Figure 2.

6.4.1 Buildings and Structures

No buildings or structures are present at the Phase One property.

6.4.2 Water Bodies and Groundwater Flow Direction

There are no water bodies on the subject site. The nearest surface water body to the subject site is the Graham Creek, is located 100 m west of the Phase One property. Graham Creek discharges to the Ottawa River, 800 m to the north of the Phase One property. The groundwater flow direction is north towards the Ottawa River.

6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

6.4.4 Water Wells

Eight well records were identified within the Phase One study area. All of the records were for monitoring wells, four of which were present on the Phase One property.

6.4.5 Potentially Contaminating Activity

The following on-site PCA were identified:

- **PCA #Other** – Former snow disposal facility
- **PCA #Other** – Historic TPH exceedance in groundwater

The following off-site PCA were identified:

- **PCA #28** – Gasoline and Associated products storage in fixed tanks
- **PCA #46** – Rail Yards, Tracks, and Spurs
- **PCA #48** – Salt Manufacturing, Processing, and Bulk Storage
- **PCA #55** – Transformer Manufacturing, Processing and Use

6.4.6 Areas of Potential Environmental Concern

The PCAs identified on the Phase One property have resulted in APECs summarized in the table below.

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1	Entire Phase One property	PCA #Other – Former snow disposal facility	On-Site	Metals EC, SAR	Soil

Based on the intervening distance, and the cross-gradient location from the Phase One property, none of the off-site PCAs resulted in APECs.

6.4.7 Subsurface Stratigraphy

Based on the above information, beneath any fill, the surficial geology of the subject site is characterized by Champlain Sea deposits of silt and clay under erosional terraces. The bedrock geology underlying the subject site is the Oxford Formation and consists of dolomite and sandstone.

Topographically, the land slopes towards the north towards the Ottawa River, and west towards Graham Creek. Ground surface is approximately 66 metres above sea level (masl).

6.4.8 Uncertainty Analysis

The CSM is a simplification of reality, which aims to provide a description and assessment of any areas where potentially contaminating activity that occurred within the Phase One study area may have adversely affected the Phase One property.

All information collected during this investigation, including records, interviews, and site reconnaissance, has contributed to the formulation of the CSM.

Information was assessed for consistency, however EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others. All reasonable inquiries to obtain accessible information were made, as required by Schedule D, Table 1, Mandatory Requirements for Phase One Environmental Site Assessment Reports. The CSM reflects our best interpretation of the information that was available during this investigation.

7.0 Conclusions

The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

The PCAs identified on the Phase One property have resulted in APECs summarized in the table below.

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1	Entire Phase One property	PCA #Other – Former snow disposal facility	On-Site	Metals EC, SAR	Soil

The APEC, which was identified in previous investigations, is considered to be well characterized. Based on results, shallow impacts to EC/SAR, vanadium have been detected sporadically throughout the Phase One property. Since no new PCA have been identified since these investigations, no additional Phase Two work is considered necessary.

8.0 References

- City of Ottawa, GeoOttawa online mapping tool, (maps.ottawa.ca/geoottawa).
- Dubreuil, L. and C. Woods, *Catalogue of Canadian Fire Insurance Plans, 1875 – 1975,* 2002.
- Environment Canada, *National Inventory of PCBs in Use and PCB Wastes in Storage in Canada*, 2003 Annual Report, 2004.
- EXP Services Inc., *Phase I Environmental Site Assessment, 90 Woodridge Crescent, Ottawa, Ontario,* December 2020.
- EXP Services Inc., *Screening Level Risk Assessment, The Fairview Building, 90 Woodridge Crescent, Ottawa, Ontario*, August 2011.
- Golder Associates Ltd., *Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario*, October 2004.
- Greenough Environmental Consulting Incorporated, *Re-Assessment of Asbestos Containing Materials, Bayshore Portfolio, Ottawa, Ontario,* April 2011
- Intera Technologies Ltd., *Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II*, April 1987.
- Natural Resources Canada, The Atlas of Canada – Toporama website (atlas.gc.ca/toporama/en/)
- Oil, Gas & Salt Resources Library, website (maps.ogsrlibrary.com/wells).
- Ontario Ministry of Energy, Northern Development and Mines, Bedrock Geology Application (www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/bedrock-geology), March 19, 2018.
- Ontario Ministry of Energy, Northern Development and Mines, Surficial Geology Application (www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology), May 23, 2017.
- Ontario Ministry of the Environment, Conservation and Parks, *Access Environment website (www.accessenvironment.ene.gov.on.ca).*
- Ontario Ministry of the Environment, Conservation and Parks, *Environmental Registry website (www.ebr.gov.on.ca/ERS-WEB-External).*
- Ontario Ministry of the Environment, Conservation and Parks, *Guide for Completing Phase One Environmental Site Assessments under Ontario Regulation 153/04*, June 2011.
- Ontario Ministry of the Environment, Conservation and Parks *Hazardous Waste Information Network website* (www.hwin.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*, November 1988.
- Ontario Ministry of the Environment, Conservation and Parks, *Ontario Inventory of PCB Storage Sites*, October 1995.
- Ontario Ministry of the Environment, Conservation and Parks, *Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act*, July 1, 2011.
- Ontario Ministry of the Environment, Conservation and Parks, Records of Site Condition website (www.lrcsde.lrc.gov.on.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Waste Disposal Site Inventory*, June 1991.
- Ontario Ministry of the Environment, Conservation and Parks, Water Wells website (www.ontario.ca/environment-and-energy/map-well-records water wells).

- Ontario Ministry of Labour, *Occupational Health and Safety Act*, R.S.O. 1990.
- Ontario Ministry of Natural Resources and Forestry, Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).
- Trow Associates Inc. (now EXP), *Phase II Environmental Site Assessment, Fairview Building, Bayshore Residential Development, 90 Woodridge Crescent, Ottawa, Ontario*. August 2004.
- Trow Associates Inc. (now Exp), *Bayshore Residential Development, Underground Storage Tank Removal and Soil Remediation, Fairview Building, 90 Woodridge Crescent, Ottawa, Ontario*, September 2006.
- Trow Associates Inc. (now EXP), *Phase II Environmental Site Assessment, Adjacent to Bayshore Public and Catholic Schools, Bayshore Residential Development, Ottawa, Ontario*, July 2004.
- Trow Associates Inc. (now EXP), P*hase II Environmental Site Assessment, Bayshore Recreation Centre, 98 Woodridge Crescent, Ottawa, Ontario,* July 2004.
- Trow Associates Inc. (now EXP), *Phase I & II Environmental Site Assessment, Woodridge Crescent Snowdump, Ottawa, Ontario*, August 2004.

9.0 Limitation of Liability, Scope of Report, and Third Party Reliance

Basis of Report

This report ("Report") is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of EXP may require re-evaluation. Where special concerns exist, or Ferguslea Properties Ltd. ("the Client") has special considerations or requirements, these should be disclosed to EXP to allow for additional or special investigations to be undertaken not otherwise within the scope of investigation conducted for the purpose of the Report.

Reliance on Information Provided

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to EXP by the Client and others. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by the Client. EXP has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information. Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to exp. If new information about the environmental conditions at the Site is found, the information should be provided to EXP so that it can be reviewed and revisions to the conclusions and/or recommendations can be made, if warranted.

Standard of Care

The Report has been prepared in a manner consistent with the degree of care and skill exercised by engineering consultants currently practicing under similar circumstances and locale. No other warranty, expressed or implied, is made. Unless specifically stated otherwise, the Report does not contain environmental consulting advice.

Complete Report

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment form part of the Report. This material includes, but is not limited to, the terms of reference given to EXP by the Client, communications between EXP and the Client, other reports, proposals or documents prepared by EXP for the Client in connection with the site described in the Report. In order to properly understand the suggestions, recommendations and opinions expressed in the Report, reference must be made to the Report in its entirety. EXP is not responsible for use by any party of portions of the Report.

Use of Report

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. No other party may use or rely upon the Report in whole or in part without the written consent of EXP. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. EXP is not responsible for damages suffered by any third party resulting from unauthorised use of the Report.

Report Format

Where EXP has submitted both electronic file and a hard copy of the Report, or any document forming part of the Report, only the signed and sealed hard copy shall be the original documents for record and working purposes. In the event of a dispute or discrepancy, the hard copy shall govern. Electronic files transmitted by EXP utilize specific software and hardware systems. EXP makes no representation about the compatibility of these files with the Client's current or future software and hardware systems. Regardless of format, the documents described herein are EXP's instruments of professional service and shall not be altered without the written consent of EXP.

10.0 Signatures

We trust this report meets your current needs. If you have any questions pertaining to the investigation undertaken by EXP, please do not hesitate to contact the undersigned. The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

Leah Wells, P.Eng.
Environmental Engineer
Earth and Environment

Mark McCalla, P.Geo.
Senior Project Manager
Earth and Environment

Chris Kimmerly, P. Geo.
Senior Project Manager
Earth and Environment

PROFESSIONAL GEOSCIENTIST
Christopher Thomas Kimmerly
PRACTICING MEMBER
0703
ONTARIO

Appendix A: Qualifications of Assessors

Qualifications of Assessors

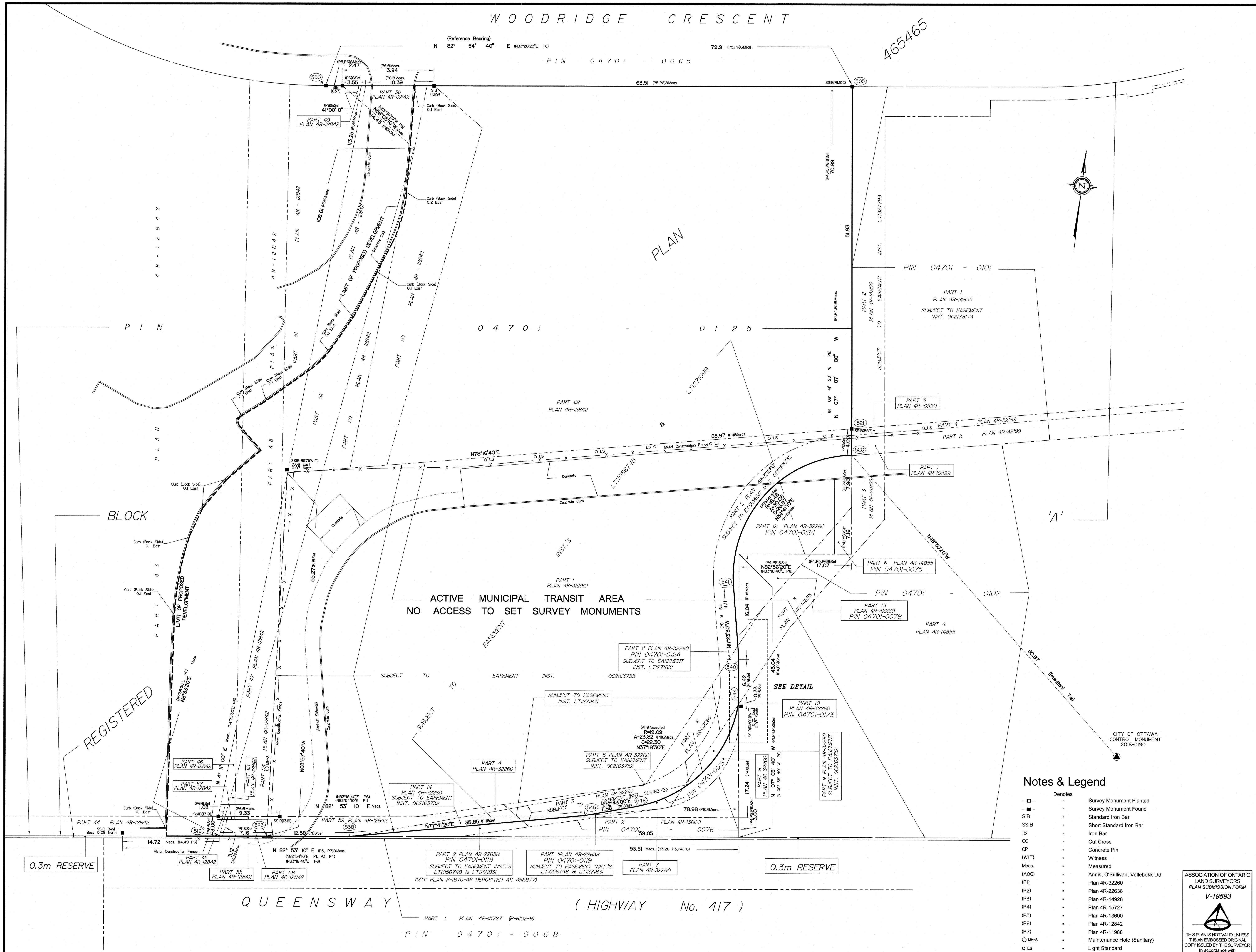
EXP provides a full range of environmental services through a full-time Environmental Services Group. EXP's Earth and Environment Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with Ontario Ministry of the Environment, Conservation and Parks. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the EXP organization.

Leah Wells, P.Eng., has four years of experience in the environmental consulting field. She has worked on numerous Phase I Environmental Site Assessments (ESA); Phase II ESAs, completing soil and groundwater sampling, soil vapour sampling, assisting in report preparation and data entry and analysis.

Mark McCalla, P.Geo., is a senior Environmental Scientist with EXP who has over 30 years of experience in the environmental consulting field. His technical undertakings have including work in the following fields: Phase I and II Environmental Site Assessments; Site Specific Risk Assessments; Petroleum and chlorinated hydrocarbon contaminated sites; Soil and groundwater remediation technologies; Hydrogeological, Terrain Analysis and Aggregate Assessments; Preparation of Ontario Ministry of Environment Certificate of Approvals and Records of Site Condition. Mr. McCalla is a Qualified Person for completing Phase I and II Environmental Site Assessments as per O.Reg. 153/04.

Chris Kimmerly, M.Sc., P.Geo., has more than 28 years of environmental consulting experience, 27 of which have been with EXP. A graduate of Brock University with a Master of Science Degree in Geological Science, His technical experience includes managing, coordinating, and conducting environmental site assessments; groundwater sampling programs; soil and groundwater remedial action and risk mitigation plans; mineral aggregate assessments; hydrogeological and terrain analysis assessments; designated substances and hazardous materials surveys.

Appendix B: Survey Plan



Notes & Legend

Symbol	Denotes	
—□—	"	Survey Monument Planted
—■—	"	Survey Monument Found
SIB	"	Standard Iron Bar
SSIB	"	Short Standard Iron Bar
IB	"	Iron Bar
CC	"	Cut Cross
CP	"	Concrete Pin
(WIT)	"	Witness
Meas.	"	Measured
(AOG)	"	Annis, O'Sullivan, Vollebekk Ltd.
(P1)	"	Plan 4R-32260
(P2)	"	Plan 4R-22638
(P3)	"	Plan 4R-14928
(P4)	"	Plan 4R-15727
(P5)	"	Plan 4R-13600
(P6)	"	Plan 4R-12842
(P7)	"	Plan 4R-11988
○ MH-S	"	Maintenance Hole (Sanitary)
o LS	"	Light Standard

ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
V-19593
THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR In accordance with Regulation 1026, Section 29 (3).

PLAN OF SURVEY OF

PART OF BLOCK A
REGISTERED PLAN 465465
CITY OF OTTAWA

Surveyed by Annis, O'Sullivan, Vollebekk Ltd.

Scale 1 : 250

10 7.5 5.0 2.5 0 5 10 Metres

Metric

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

Surveyor's Certificate

I CERTIFY THAT :

1. This survey and plan are correct and in accordance with the Surveys Act and the Surveyors Act and the regulations made under them.
2. The survey was completed on the 22nd day of October, 2021.

Dec 9/21
Date

V. Andrew Shelp
Ontario Land Surveyor

Bearings are grid, derived from the southerly limit of Woodridge Crescent shown to be N82°54'40"E on Plans 4R-13600 and 4R-11988 and are referenced to MTM Zone 9 (76°30' West Longitude) NAD-83 (original).

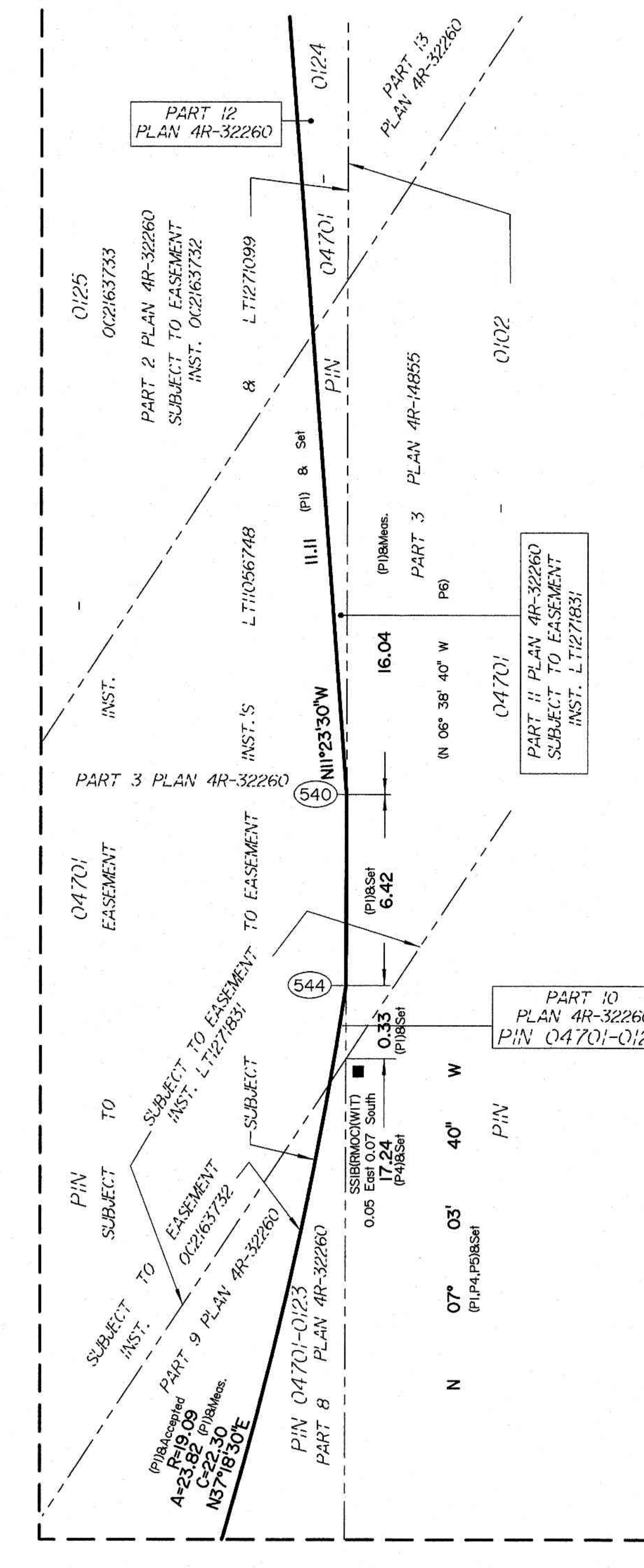
For comparison purposes, bearings shown on Plan P6 are astronomic bearings.

Coordinates are referenced to MTM Zone 9 (76°30' West Longitude) NAD-83 (original).

COORDINATE TABLE

POINTNUMBER	NORTHING	EASTING
500	5 023 160.272	358 730.745
505	5 023 170.133	358 810.039
516	5 023 045.128	358 729.006
520	5 023 114.637	358 816.968
521	5 023 118.606	358 816.472
523	5 023 046.015	358 736.110
538	5 023 047.573	358 748.593
540	5 023 081.669	358 803.867
541	5 023 092.559	358 801.673
544	5 023 075.298	358 804.656
545	5 023 055.221	358 783.617
546	5 023 057.562	358 791.141
2016–0190	5 023 074.246	358 862.633

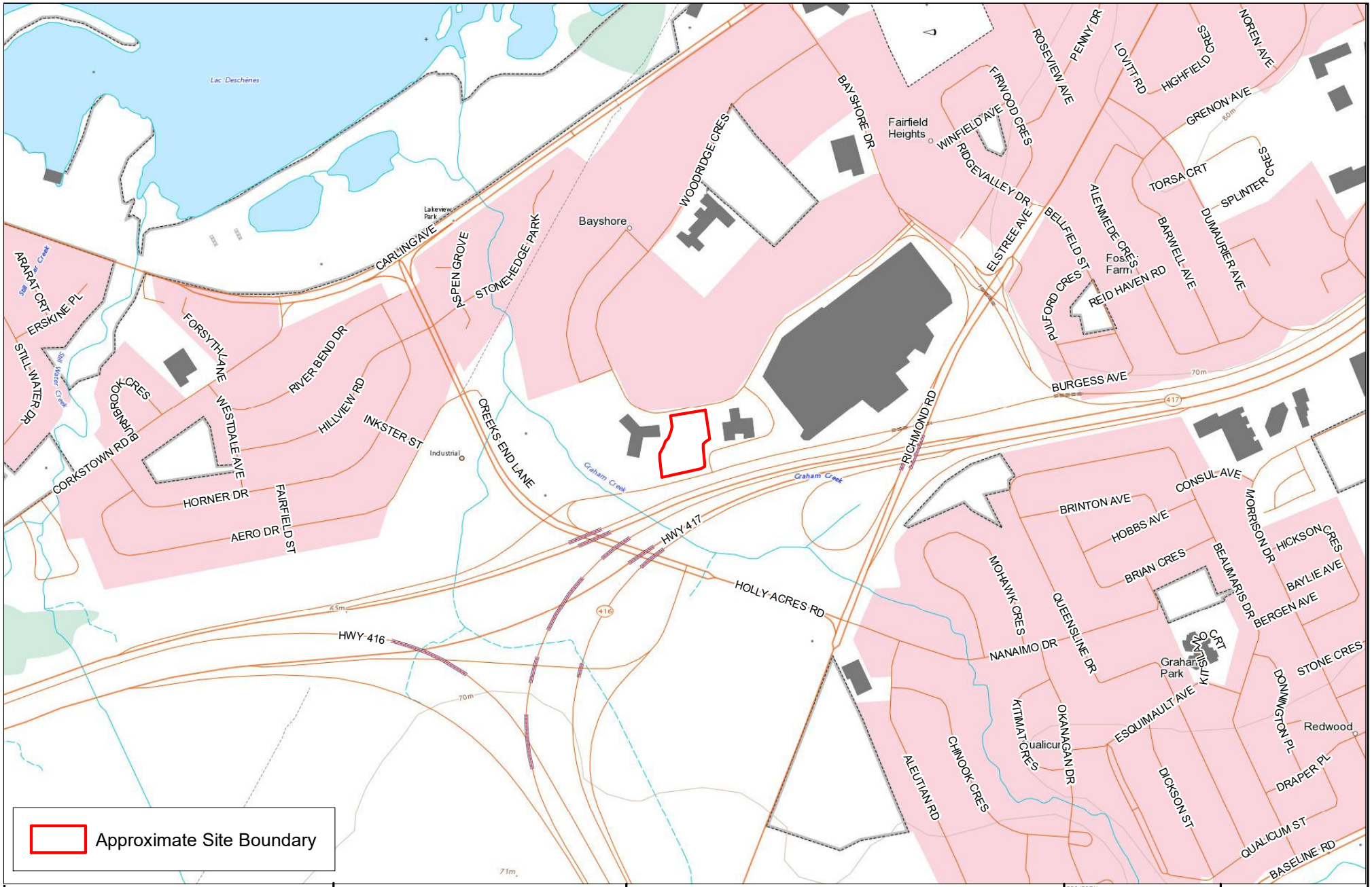
DETAIL Not to Scale



ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
14 Concourse Gate, Suite 500
Nepean, Ont. K2E 7S6
Phone: (613) 727-0850 / Fax: (613) 727-1079
Email: Nepean@aovltd.com
Ontario Land Surveyors

Job No. 22301-21 Fergusleа PtBlk A PL 465465 D D4 | ig

Appendix C: Figures



EXP Services Inc.

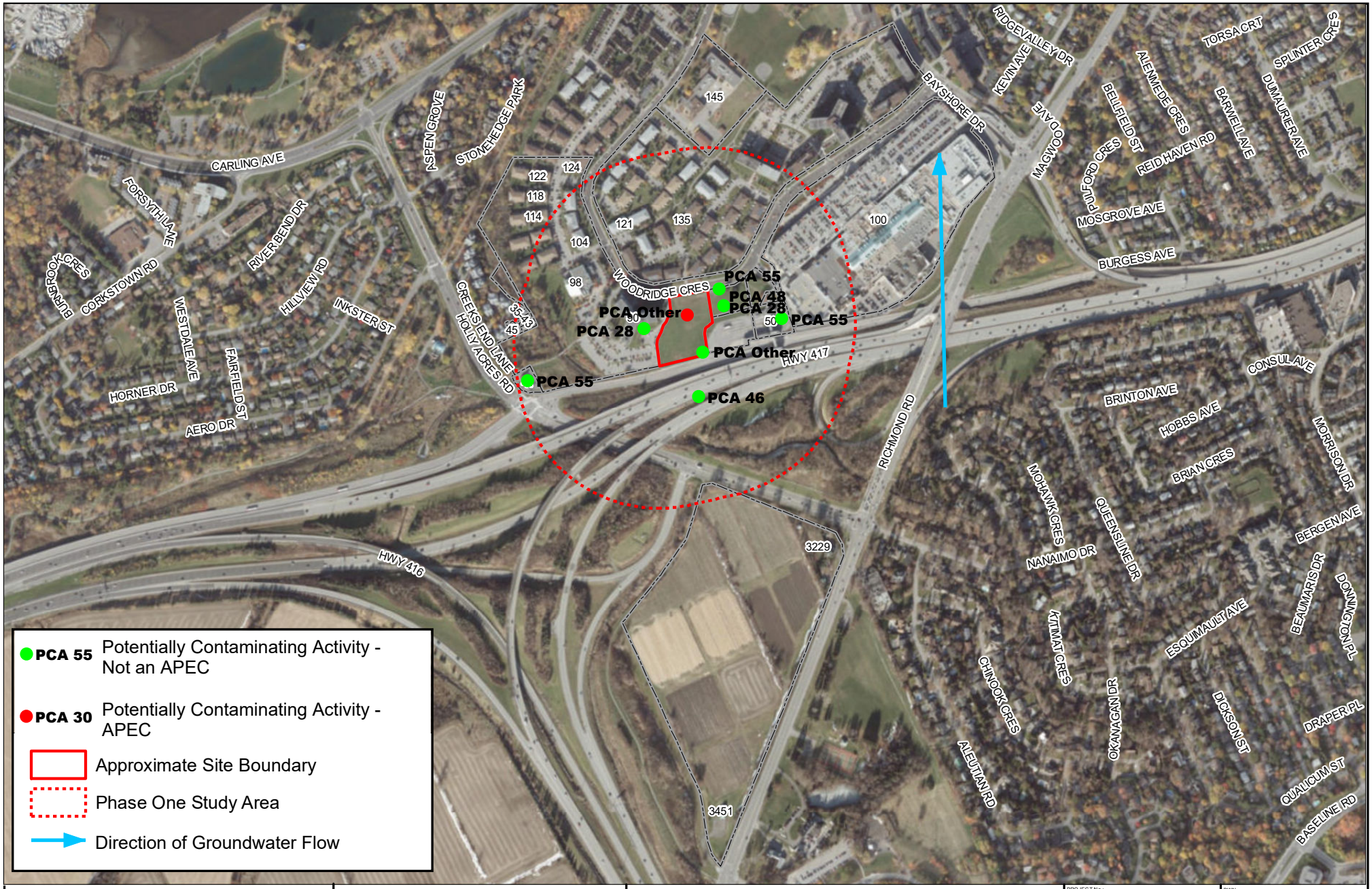
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Dr, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY•

TITLE AND LOCATION:

SITE LOCATION PLAN
Phase I Environmental Site Assessment
90 Woodridge Crescent
Ottawa, Ontario

PROJECT No.: OTT-00201554-G0	DWN: HY
SCALE: AS NOTED	CHKD: MM
DATE: FEBRUARY 2022	FIG. No.: 1



EXP Services Inc.

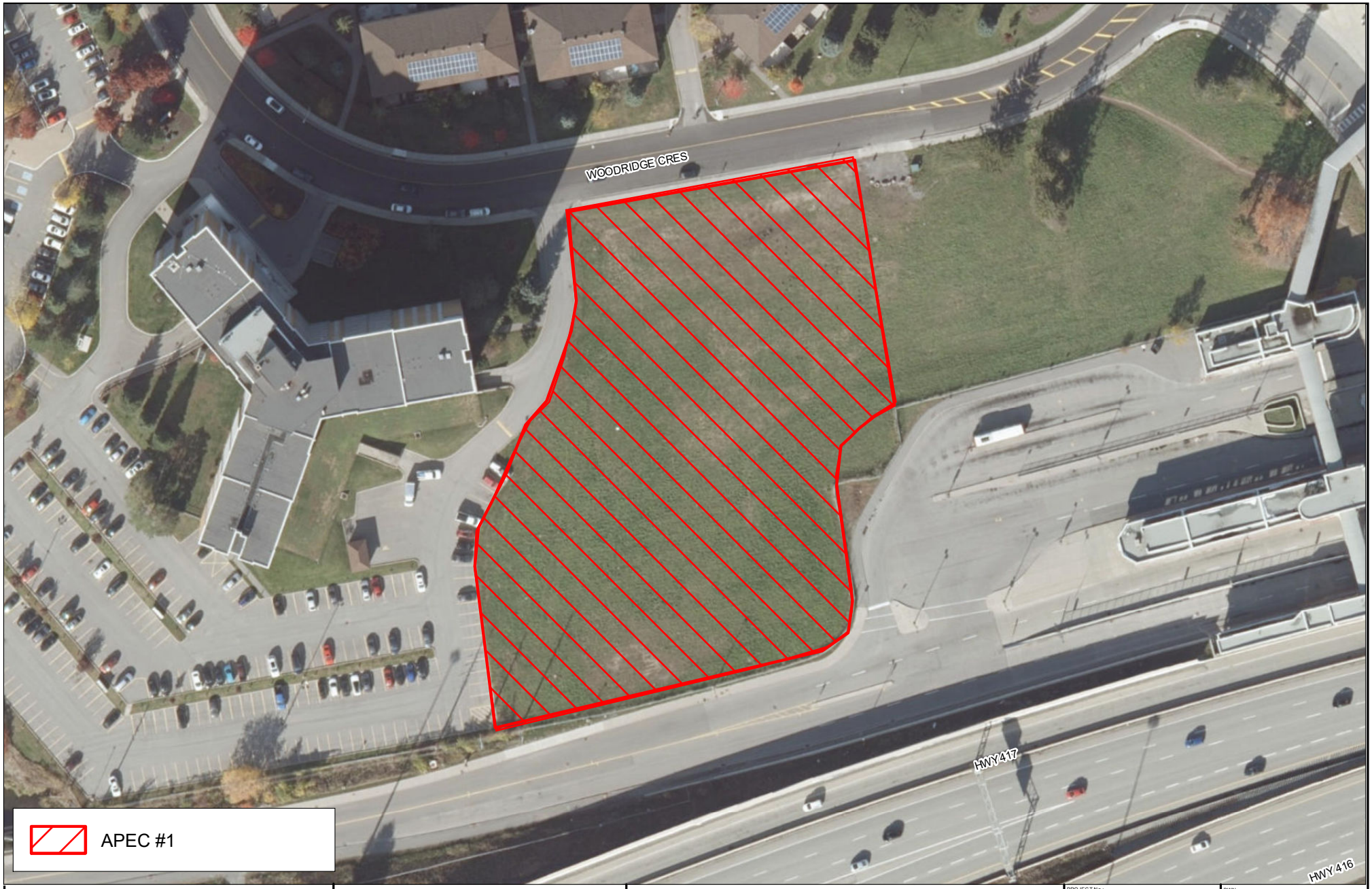
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Dr, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY•

TITLE AND LOCATION:

PHASE ONE STUDY AREA, SURROUNDING LAND USE AND POTENTIALLY CONTAMINATING ACTIVITES
Phase One Environmental Site Assessment
90 Woodridge Crescent
Ottawa, Ontario

PROJECT No.: OTT-00201554-G0	DWN: HY
SCALE: AS NOTED	CHKD: MM
DATE: FEBRUARY 2022	FIG. No.: 2



EXP Services Inc.
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Dr, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY•

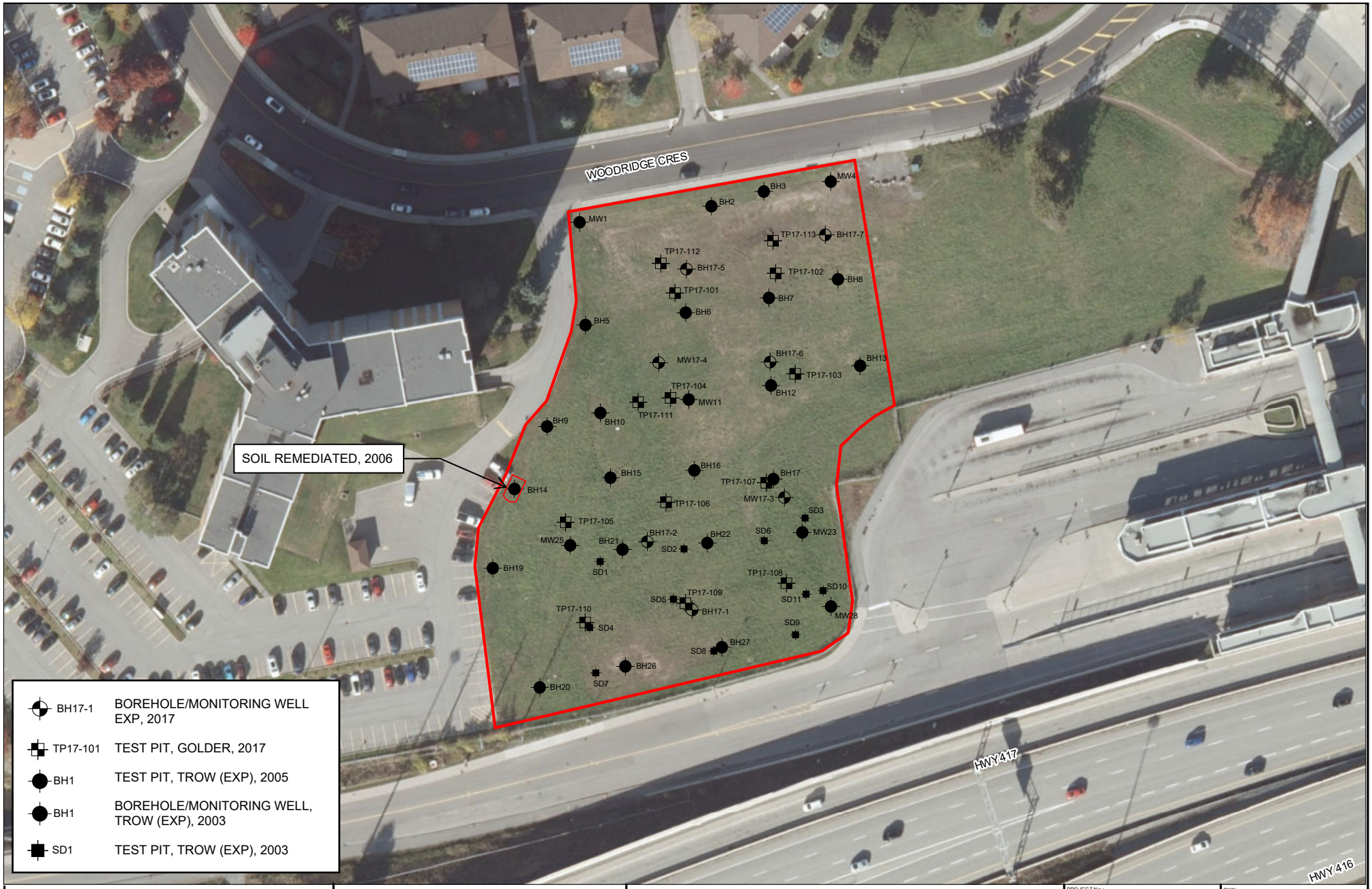
N

0 10 20 30 40 50 m

TITLE AND LOCATION:

SITE PLAN
Phase One Environmental Site Assessment
90 Woodridge Crescent
Ottawa, Ontario

PROJECT No.: OTT-00201554-G0	DWN: HY
SCALE: AS NOTED	CHKD: MM
DATE: FEBRUARY 2022	FIG. No.: 3



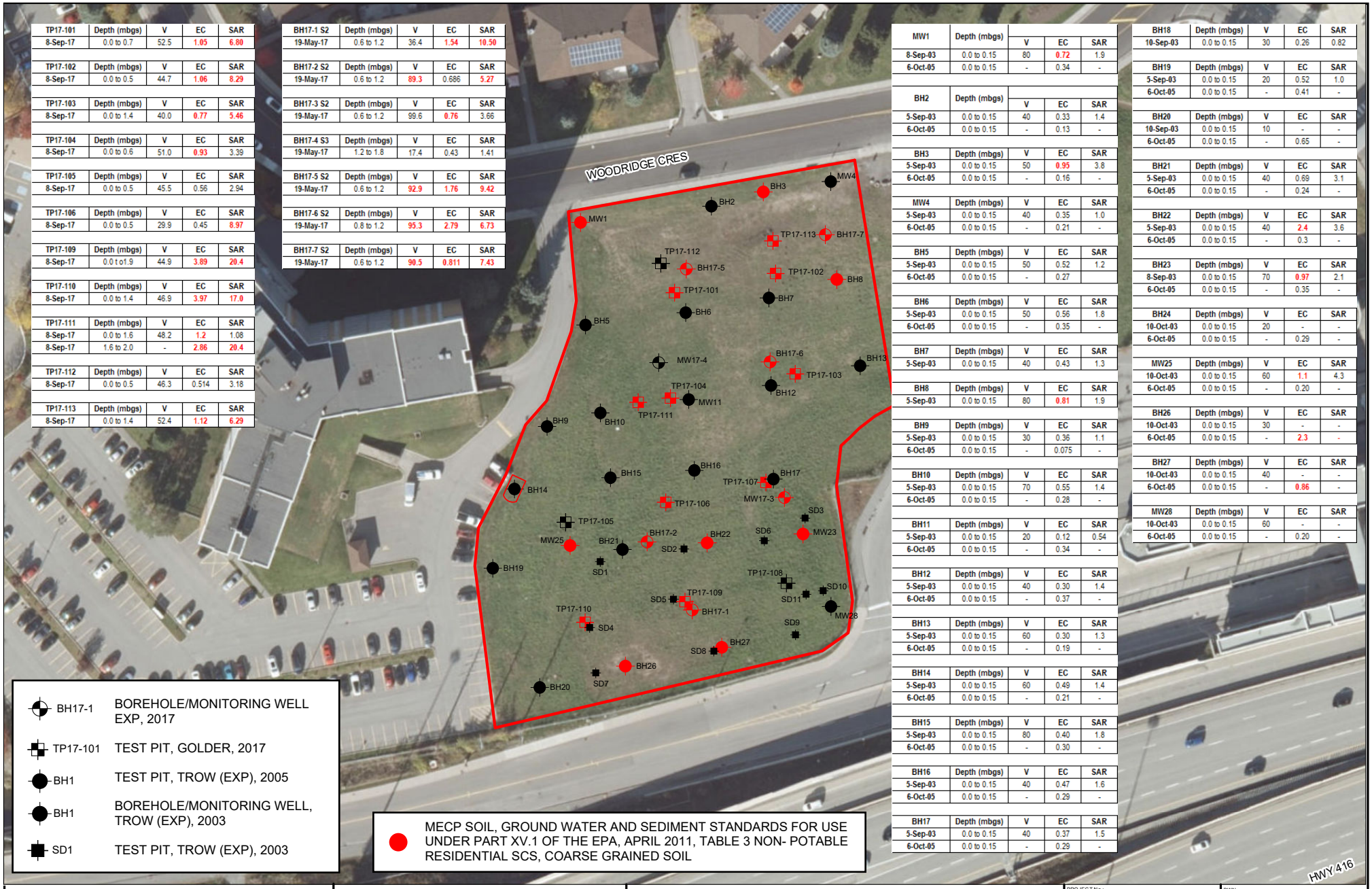
EXP Services Inc.
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Dr, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY•

TITLE AND LOCATION:

PREVIOUS INVESTIGATIONS
Phase One Environmental Site Assessment
90 Woodridge Crescent
Ottawa, Ontario

PROJECT No.: OTT-00201554-G0	DWN: HY
SCALE: AS NOTED	CHKD: MM
DATE: FEBRUARY 2022	FIG. No.: FIG 4



TP17-101	Depth (mbgs)	V	EC	SAR
8-Sep-17	0.0 to 0.7	52.5	1.05	6.80

TP17-102	Depth (mbgs)	V	EC	SAR
8-Sep-17	0.0 to 0.5	44.7	1.06	8.29

TP17-103	Depth (mbgs)	V	EC	SAR
8-Sep-17	0.0 to 1.4	40.0	0.77	5.46

TP17-104	Depth (mbgs)	V	EC	SAR
8-Sep-17	0.0 to 0.6	51.0	0.93	3.39

TP17-105	Depth (mbgs)	V	EC	SAR
8-Sep-17	0.0 to 0.5	45.5	0.56	2.94

TP17-106	Depth (mbgs)	V	EC	SAR
8-Sep-17	0.0 to 0.5	29.9	0.45	8.97

TP17-109	Depth (mbgs)	V	EC	SAR
8-Sep-17	0.0 t o1.9	44.9	3.89	20.4

TP17-110	Depth (mbgs)	V	EC	SAR
8-Sep-17	0.0 to 1.4	46.9	3.97	17.0

TP17-111	Depth (mbgs)	V	EC	SAR
8-Sep-17	0.0 to 1.6	48.2	1.2	1.08
8-Sep-17	1.6 to 2.0	-	2.86	20.4

TP17-112	Depth (mbgs)	V	EC	SAR
8-Sep-17	0.0 to 0.5	46.3	0.514	3.18

TP17-113	Depth (mbgs)	V	EC	SAR
8-Sep-17	0.0 to 1.4	52.4	1.12	6.29

BH17-1 S2	Depth (mbgs)	V	EC	SAR
19-May-17	0.6 to 1.2	36.4	1.54	10.50

BH17-2 S2	Depth (mbgs)	V	EC	SAR
19-May-17	0.6 to 1.2	89.3	0.686	5.27

BH17-3 S2	Depth (mbgs)	V	EC	SAR
19-May-17	0.6 to 1.2	99.6	0.76	3.66

BH17-4 S3	Depth (mbgs)	V	EC	SAR
19-May-17	1.2 to 1.8	17.4	0.43	1.41

BH17-5 S2	Depth (mbgs)	V	EC	SAR
19-May-17	0.6 to 1.2	92.9	1.76	9.42

BH17-6 S2	Depth (mbgs)	V	EC	SAR
19-May-17	0.8 to 1.2	95.3	2.79	6.73

BH17-7 S2	Depth (mbgs)	V	EC	SAR
19-May-17	0.6 to 1.2	90.5	0.811	7.43

MW1	Depth (mbgs)	V	EC	SAR
8-Sep-03	0.0 to 0.15	80	0.72	1.9
6-Oct-05	0.0 to 0.15	-	0.34	-

BH2	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	40	0.33	1.4
6-Oct-05	0.0 to 0.15	-	0.13	-

BH3	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	50	0.95	3.8
6-Oct-05	0.0 to 0.15	-	0.16	-

MW4	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	40	0.35	1.0
6-Oct-05	0.0 to 0.15	-	0.21	-

BH5	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	50	0.52	1.2
6-Oct-05	0.0 to 0.15	-	0.27	

BH6	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	50	0.56	1.8
6-Oct-05	0.0 to 0.15	-	0.35	-

BH7	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	40	0.43	1.3

BH8	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	80	0.81	1.9

BH9	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	30	0.36	1.1
6-Oct-05	0.0 to 0.15	-	0.075	-

BH10	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	70	0.55	1.4
6-Oct-05	0.0 to 0.15	-	0.28	-

BH11	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	20	0.12	0.54
6-Oct-05	0.0 to 0.15	-	0.34	-

BH12	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	40	0.30	1.4
6-Oct-05	0.0 to 0.15	-	0.37	-

BH13	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	60	0.30	1.3
6-Oct-05	0.0 to 0.15	-	0.19	-

BH14	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	60	0.49	1.4
6-Oct-05	0.0 to 0.15	-	0.21	-

BH15	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	80	0.40	1.8
6-Oct-05	0.0 to 0.15	-	0.30	-

BH16	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	40	0.47	1.6
6-Oct-05	0.0 to 0.15	-	0.29	-

BH17	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	40	0.37	1.5
6-Oct-05	0.0 to 0.15	-	0.29	-

BH18	Depth (mbgs)	V	EC	SAR
10-Sep-03	0.0 to 0.15	30	0.26	0.82

BH19	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	20	0.52	1.0
6-Oct-05	0.0 to 0.15	-	0.41	-

BH20	Depth (mbgs)	V	EC	SAR
10-Sep-03	0.0 to 0.15	10	-	-
6-Oct-05	0.0 to 0.15	-	0.65	-

BH21	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	40	0.69	3.1
6-Oct-05	0.0 to 0.15	-	0.24	-

BH22	Depth (mbgs)	V	EC	SAR
5-Sep-03	0.0 to 0.15	40	2.4	3.6
6-Oct-05	0.0 to 0.15	-	0.3	-

BH23	Depth (mbgs)	V	EC	SAR
8-Sep-03	0.0 to 0.15	70	0.97	2.1
6-Oct-05	0.0 to 0.15	-	0.35	-

BH24	Depth (mbgs)	V	EC	SAR
10-Oct-03	0.0 to 0.15	20	-	-
6-Oct-05	0.0 to 0.15	-	0.29	-

MW25	Depth (mbgs)	V	EC	SAR
10-Oct-03	0.0 to 0.15	60	1.1	4.3
6-Oct-05	0.0 to 0.15	-	0.20	-

BH26	Depth (mbgs)	V	EC	SAR
10-Oct-03	0.0 to 0.15	30	-	-
6-Oct-05	0.0 to 0.15	-	2.3	-

BH27	Depth (mbgs)	V	EC	SAR
10-Oct-03	0.0 to 0.15	40	-	-
6-Oct-05	0.0 to 0.15	-	0.86	-

MW28	Depth (mbgs)	V	EC	SAR
10-Oct-03	0.0 to 0.15	60	-	-
6-Oct-05	0.0 to 0.15	-	0.20	-

BH17-1 — BOREHOLE/MONITORING WELL EXP, 2017

TP17-101 — TEST PIT, GOLDER, 2017

BH1 — TEST PIT, TROW (EXP), 2005

BH1 — BOREHOLE/MONITORING WELL, TROW (EXP), 2003

SD1 — TEST PIT, TROW (EXP), 2003

MECP SOIL, GROUND WATER AND SEDIMENT STANDARDS FOR USE UNDER PART XV.1 OF THE EPA, APRIL 2011, TABLE 3 NON- POTABLE RESIDENTIAL SCS, COARSE GRAINED SOIL

EXP Services Inc.

t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Dr, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY•

N

0 10 20 30 40 50 m

TITLE AND LOCATION:

SOIL EXCEEDANCES
Phase One Environmental Site Assessment
90 Woodridge Crescent
Ottawa, Ontario

PROJECT No.:	DWN:
OTT-00201554-G0	HY
SCALE:	CHKD:
AS NOTED	MM
DATE:	FIG. No.:
FEBRUARY 2022	FIG 5

Appendix D: Fire Insurance Plans, Title Search, Municipal Records & Provincial Records

February 11, 2022 Via Mail

FOI Manager
Freedom of Information & Protection of Privacy Office
Ministry of the Environment, Conservation and Parks
12th Floor, 40 St. Clair Avenue West
Toronto, Ontario M4V 1M2

Re: OTT-00201554-G0 **File Review Request**
90 Woodridge Crescent, Ottawa, Ontario

Dear Sir or Madam:

I am sending a Freedom of Information Request to you for 90 Woodridge Crescent, Ottawa, Ontario. We are conducting an environmental site assessment and require any environmental concerns.

If possible, we would appreciate receiving the documentation by email (kathy.radisch@exp.com) and by mail. If you have any questions, or require any further information, please do not hesitate to contact the undersigned at 613-688-1891, ext. 63296.

Yours truly,
EXP Services Inc.

Kathy Radisch
Administrative Assistant
Earth & Environment

Enclosures: FOI Form
Credit Card Payment Form ($35)

100 - 2650 Queensview Drive, Ottawa, Ontario K2B 8H6
T: +1.613.688.1899 • F: +1.613.225.7337 • www.exp.com

File Number: C10-01-16-0195

July 19, 2016

Kathy Radisch
Exp Services Inc.
2650 Queensview Dr., Suite 100
Ottawa, ON K2B 8H6

Sent via email [kathy.radisch@exp.com]

Dear Kathy Radisch,

Re: Information Request
Accorra Village (Bayshore Dr,/ Woodridge Cres.) Ottawa, Ontario ("Subject Properties")

Internal Department Circulation

The Planning and Growth Management Department has the following information in response to your request for information regarding the Subject Property:

- The City of Ottawa's Environmental Remediation Unit notes that there are environmental records pertaining to the Right of Way adjacent to the parcel labeled "Site 6" of the site map submitted by the applicant, which are on file at the City of Ottawa's Environmental Remediation Unit offices. Visit http://ottawa.ca/en/city-hall/your-city-government/policies-and-administrative-structure/how-and-where-submit-request to submit requests for information under the *Municipal Freedom of Information and Protection of Privacy Act*

Search of Historical Land Use Inventory

This acknowledges receipt of the signed Disclaimer regarding your request for information from the City's Historical Land Use Inventory (HLUI 2005) database for the Subject Properties.

A search of the HLUI database revealed the following information:

- There are 3 activities associated with the Subject Properties: Activity Numbers 10799, 8821 and 9325.

The HLUI database was also searched for activity associated with properties located within 50m of the Subject Properties. The search revealed the following:

- There are 14 activities associated with the properties located within 50m of the Subject Properties: Activity Numbers 10507, 7373, 2335, 10930, 11016, 12788, 13460, 1355, 1560, 1662, 1700, 2308, 3261 and 4148

Please note that Activity Numbers 7373, 10507 and 9325, have a PIN Certainty of "2". This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the Subject Property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.

A site map has been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database's location of the Activity Numbers with a PIN Certainty of "2".

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at http://www.ebr.gov.on.ca/ERS-WEB-External/ contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House
161 Elgin Street 4th Floor
Ottawa ON K2P 2K1
Tel: (613) 239-1230
Fax: (613) 239-1422

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment for additional information.

If you have any further questions or comments, please contact Stephanie Mirtitsch at 613-580-2424 ext. 24856 or HLUI@ottawa.ca

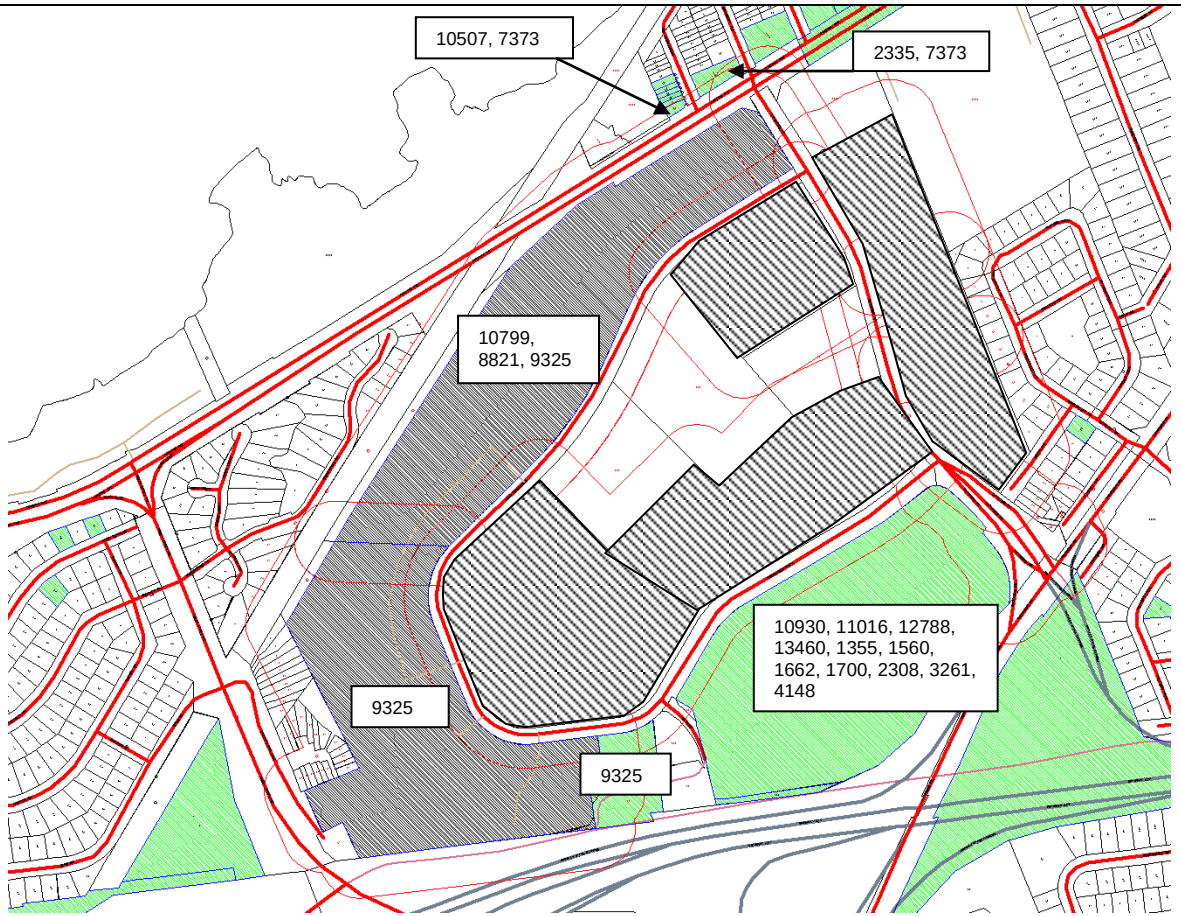
Sincerely,

for David Wise, MUP, MCIP, RPP
Program Manager
Development Review (Suburban Services) - West
Planning and Growth Management Department

DW / SM

Attach: 21

cc: File no. C10-01-16-0195



Scale 1: n/a	15, 90, 124, 145 Woodridge Cres and 21, 47 Bayshore Ottawa, ON File # C10-01-16-0195 Stephanie Mirtitsch Ottawa	Overview ID# = Activity Identification Number = Subject Site

CITY OF OTTAWA

HLUI ID: __679FQ9

AREA (Square Metres): 1530.095

Report: RPTC_OT_DEV0122

Run On: 18 Jul 2016 at: 09:35:47

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	047120394	Y	Y

Activity ID: 2335 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :** 2135

Related PINS: 047120394

Name: PETRO-CANADA PRODUCTS

Address: 3095 CARLING AVENUE, NEPEAN

Facility Type: Gasoline Service Stations

Comments 1:

Comments 2:

Generator Number: ON1019516

Storage Tanks:

HL References 1: M.1960, M.1970, M.1980

HL References 2:

HL References 3: 2000 PID

NAICS	SIC
447110	0
447190	0
811199	0
447110	633
447190	633
811199	633

Company Name	Year of Operation
PETRO-CANADA PRODUCTS	c. 2001
Petro-Canada	c. 1999
BP Self Service Station	c. 1970-1980
PETRO-CANADA PRODUCTS	c. 2005
PETRO-CANADA PRODUCTS	c. 2000

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	047120464	Y	Y

Activity ID: 7373 **Multiple PINS:** Y

PIN Certainty: 2 **Previous Activity ID(s) :** 3386

Related PINS: 047120394

Name: JOHN HUGHES SUNOCO
Address: 3099 CARLING AVENUE, NEPEAN
Facility Type: Gasoline Service Stations
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: M.1960, M.1970, M.1980
HL References 2:
HL References 3:

NAICS	SIC
447190	633
811199	633
447110	633

Company Name	Year of Operation
John Hughes Sunoco	c. 1970

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	047120394	Y	Y

Activity ID: 7373 **Multiple PINS:** Y

PIN Certainty: 2 **Previous Activity ID(s) :** 3386

Related PINS: 047120394

Name: JOHN HUGHES SUNOCO
Address: 3099 CARLING AVENUE, NEPEAN
Facility Type: Gasoline Service Stations
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: M.1960, M.1970, M.1980
HL References 2:
HL References 3:

NAICS	SIC
447190	633
811199	633
447110	633

Company Name	Year of Operation
John Hughes Sunoco	c. 1970

CITY OF OTTAWA

HLUI ID: __679DKI

AREA (Square Metres): 324.447

Report: RPTC_OT_DEV0122

Run On: 18 Jul 2016 at: 09:37:36

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	047120464	Y	Y

Activity ID: 10507 **Multiple PINS:** Y

PIN Certainty: 2 **Previous Activity ID(s) :** 2633

Related PINS: 047120443

Name: PETRO-CANADA SELF SERVES-LIBRES SERVICES 24-HR

Address: 3105 CARLING AVENUE, NEPEAN

Facility Type: Gasoline Service Stations

Comments 1: Nepean building permit number #20044

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1960, M.1970, M.1980; SC98

HL References 2:

HL References 3:

NAICS	SIC
811199	633
447110	633
447190	633

Company Name	Year of Operation
Petro-Canada Self Serves-Libres Services 24-Hr	c. 1998
Jack's Service Station Top Valu Gasmarts	c. 1970-1980

CITY OF OTTAWA

HLUI ID: __670HLK

AREA (Square Metres): 93417.419

Report: RPTC_OT_DEV0122

Run On: 18 Jul 2016 at: 09:42:44

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	047010061	Y	Y

Activity ID: 10799 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010061

Name: PROM TRADER

Address: 186 WOODRIDGE CRESCENT, NEPEAN

Facility Type: Combined Publishing and Printing Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
511120	0

Company Name	Year of Operation
PROM TRADER	c. 2001

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	047010061	Y	Y

Activity ID: 8821 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010061

Name: MINTO DEVELOPMENTS INC.
Address: 220 WOODRIDGE CRESCENT, NEPEAN
Facility Type: Residential Building and Development
Comments 1:
Comments 2:
Generator Number: ON3913491
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2003 PID

NAICS	SIC
236110	0

Company Name	Year of Operation
MINTO DEVELOPMENTS INC.	c. 2003

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	047010061	Y	Y

Activity ID: 9325 **Multiple PINS:** Y

PIN Certainty: 2 **Previous Activity ID(s) :** 7015

Related PINS: 047010061

Name: MINTO
Address: WOODRIDGE CRESCENT, NEPEAN
Facility Type: Other Utility Industries n.e.c.
Comments 1: - private snow dump Type B - snow can come from anywhere, rezoning process completed.
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: City of Nepean, Planning Dept.-1/25/99
HL References 2:
HL References 3:

NAICS	SIC
562210	499
562920	499
221330	499
221320	499
562990	499

Company Name	Year of Operation
Minto	c. 1996

CITY OF OTTAWA

HLUI ID: __670HK7

AREA (Square Metres): 83739.560

Report: RPTC_OT_DEV0122

Run On: 18 Jul 2016 at: 09:43:16

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	047010070	Y	N

Activity ID: 9325 **Multiple PINS:** Y

PIN Certainty: 2 **Previous Activity ID(s) :** 7015

Related PINS: 047010061

Name: MINTO

Address: WOODRIDGE CRESCENT, NEPEAN

Facility Type: Other Utility Industries n.e.c.

Comments 1: - private snow dump Type B - snow can come from anywhere, rezoning process completed.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: City of Nepean, Planning Dept.-1/25/99

HL References 2:

HL References 3:

NAICS	SIC
562210	499
562920	499
221330	499
221320	499
562990	499

Company Name	Year of Operation
Minto	c. 1996

CITY OF OTTAWA

HLUI ID: __679GU8

AREA (Square Metres): 8727.270

Report: RPTC_OT_DEV0122

Run On: 18 Jul 2016 at: 09:43:32

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	047010069	Y	N

Activity ID: 9325 **Multiple PINS:** Y

PIN Certainty: 2 **Previous Activity ID(s) :** 7015

Related PINS: 047010061

Name: MINTO

Address: WOODRIDGE CRESCENT, NEPEAN

Facility Type: Other Utility Industries n.e.c.

Comments 1: - private snow dump Type B - snow can come from anywhere, rezoning process completed.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: City of Nepean, Planning Dept.-1/25/99

HL References 2:

HL References 3:

NAICS	SIC
562210	499
562920	499
221330	499
221320	499
562990	499

Company Name	Year of Operation
Minto	c. 1996

CITY OF OTTAWA

HLUI ID: __679ADJ

AREA (Square Metres): 93274.678

Report: RPTC_OT_DEV0122

Run On: 18 Jul 2016 at: 09:44:10

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	047010118	Y	Y
1998	047010063	Y	N

Activity ID: 10930 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :** 4610

Related PINS: 047010063

Name: PARKER CLEAN

Address: 100 BAYSHORE DRIVE, NEPEAN

Facility Type: Laundries and Cleaners

Comments 1: Located in Bayshore Shopping Centre

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: SC98

HL References 2:

HL References 3:

NAICS	SIC
561740	972
812330	972
812320	972
812310	972

Company Name	Year of Operation
Parker Clean	c. 1998

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	047010118	Y	Y
1998	047010063	Y	N

Activity ID: 11016 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010118

Name: PCL CONSTRUCTORS CANADA INC.
Address: 100 BAYSHORE DRIVE,
Facility Type: Non Residential Building and Development
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

NAICS	SIC
236220	0
236210	0

Company Name	Year of Operation
PCL CONSTRUCTORS CANADA INC.	c. 2001

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	047010118	Y	Y
1998	047010063	Y	N

Activity ID: 12788 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010118

Name: STOKES
Address: 100 BAYSHORE DRIVE,
Facility Type: Lumber and Building Materials, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS	SIC
444110	0

Company Name	Year of Operation
STOKES	c. 2005

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	047010118	Y	Y
1998	047010063	Y	N

Activity ID: 13460 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010118

Name: THINGS ENGRAVED
Address: 100 BAYSHORE DRIVE, OTTAWA
Facility Type: Recreational Vehicle Dealers (where servicing is present)
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

NAICS	SIC
811490	0

Company Name	Year of Operation
THINGS ENGRAVED	c. 2001

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	047010118	Y	Y
1998	047010063	Y	N

Activity ID: 1355 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010118

Name: ASTRAL PHOTO
Address: 100 BAYSHORE DRIVE, OTTAWA
Facility Type: Photographic Equipment and Musical Instruments and Supplies, Wholesale
Comments 1: BAYSHORE SHOPPING CENTRE
Comments 2:
Generator Number: ON0566607
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2000 PID

NAICS	SIC
414130	0

Company Name	Year of Operation
ASTRAL PHOTO	c. 2000

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	047010118	Y	Y
1998	047010063	Y	N

Activity ID: 1560 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010118

Name: BELL WORLD
Address: 100 BAYSHORE DRIVE, NEPEAN
Facility Type: Appliance, Television, Radio and Stereo Stores
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

NAICS	SIC
443110	0

Company Name	Year of Operation
RADIO SHACK	c. 2001
TELEPHONE BOOTH THE	c. 2001
CLEARNET STORE	c. 2001
BELL WORLD	c. 2001

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	047010118	Y	Y
1998	047010063	Y	N

Activity ID: 1662 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010118

Name: BIRKS JEWELLERS
Address: 100 BAYSHORE DRIVE,
Facility Type: Jewellery Stores and Watch and Jewellery Repair Shops
Comments 1: #323
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS	SIC
448310	0

Company Name	Year of Operation
CHARM JEWELLERY	c. 2001
MAPPIN'S JEWELLERS	c. 2001
BIRKS JEWELLERS	c. 2005
BIRKS JEWELLERS	c. 2001
JUBILEE JEWELLERS	c. 2001
CHARM JEWELLERY	c. 2005
PEOPLES JEWELLERS	c. 2001
ZORRO'S FASHION JEWELLERY LIMITED	c. 2005

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	047010118	Y	Y
1998	047010063	Y	N

Activity ID: 1700 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010118

Name: BLACK PHOTO CORPORATION
Address: 100 BAYSHORE DRIVE, OTTAWA
Facility Type: Camera and Photographic Supply Stores
Comments 1: BAYSHORE SHOPPING CENTRE
Comments 2:
Generator Number: ON0074379
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2000 PID

NAICS	SIC
443130	0
812922	0

Company Name	Year of Operation
BLACK PHOTO CORPORATION	c. 2005
BLACK PHOTO CORPORATION	c. 2000
BLACK PHOTO CORPORATION	c. 2001

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	047010118	Y	Y
1998	047010063	Y	N

Activity ID: 2308 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010118

Name: BOMBAY COMPANY THE
Address: 100 BAYSHORE DRIVE, NEPEAN
Facility Type: Household Furniture Stores
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

NAICS	SIC
442110	0

Company Name	Year of Operation
BOMBAY COMPANY THE	c. 2001

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	047010118	Y	Y
1998	047010063	Y	N

Activity ID: 3261 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010118

Name: COMPUCENTRE
Address: 100 BAYSHORE DRIVE, NEPEAN
Facility Type: Electrical and Electronic Machinery, Equipment and Supplies, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

NAICS	SIC
443120	0

Company Name	Year of Operation
COMPUCENTRE	c. 2001

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	047010118	Y	Y
1998	047010063	Y	N

Activity ID: 4148 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 047010118

Name: DAOUST MOORE CONSTRUCTION
Address: 100 BAYSHORE DRIVE,
Facility Type: Residential Building and Development
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS	SIC
236110	0

Company Name	Year of Operation
DAOUST MOORE CONSTRUCTION	c. 2005

Appendix E: EcoLog ERIS Report

DATABASE REPORT

Project Property:	*Phase One ESA* *90 Woodridge Crescent* *Nepean ON K2B 7T1*
Project No:	*OTT-00201554-G0_100_C.Kimmerly*
Report Type:	*Standard Report*
Order No:	*22012000135*
Requested by:	*exp Services Inc.*
Date Completed:	*January 25, 2022*

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

Table of Contents

Executive Summary

Property Information:

Project Property: *Phase One ESA*
90 Woodridge Crescent Nepean ON K2B 7T1

Project No: *OTT-00201554-G0_100_C.Kimmerly*

Coordinates:

Latitude:	*45.3459235*
Longitude:	*-75.8112618*
UTM Northing:	*5,021,699.36*
UTM Easting:	*436,446.09*
UTM Zone:	*18T*

Elevation: *216 FT*
65.88 M

Order Information:

Order No: *22012000135*
Date Requested: *January 20, 2022*
Requested by: *exp Services Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	26	26
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	1	0	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	4	8	12
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	1	8	9
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	1	11	12
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	8	8
	Total:		7	63	70

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	SPL	UNKNOWN	CREEK BEHIND 90 WOODRIDGE CRES. OTTAWA ON	-/0.0	0.00	23
1	GEN	Quantum Environmental Group	90 Woodridge Crescent Ottawa ON K2B 7S9	-/0.0	0.00	23
1	ECA	Bayshore Shopping Centre Ltd.	90 Woodridge Cres 100 Bayshore Drive Ottawa ON M5J 2R2	-/0.0	0.00	23
11	EHS		90 Woodridge Crescent Nepean ON K2B 7T1	W/106.3	-1.03	24
11	EHS		90 Woodridge Crescent Nepean ON K2B 7T1	W/106.3	-1.03	24
11	EHS		90 Woodridge Crescent Nepean ON K2B 7T1	W/106.3	-1.03	24
11	EHS		90 Woodridge Crescent Nepean ON K2B 7T1	W/106.3	-1.03	24

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		100 BAYSHORE DR OTTAWA ON ***Well ID:*** 7290025	WNW/17.7	0.00	25
3	WWIS		100 BAYSHORE DRIVE Ottawa ON ***Well ID:*** 7291137	WNW/18.2	0.00	28
4	WWIS		100 BAYSHORE DRIVE Ottawa ON ***Well ID:*** 7291136	SE/39.4	0.00	30
5	GEN	NEPEAN HYDRO 28-845	BAYSHORE COMM. CTR- TRANSFORMER VAULT 66 WOODRIDGE CRES., C/O 1970 MERIVALE NEPEAN ON K2B 7S9	N/52.3	0.69	31
6	WWIS		100 BAYSHORE DR OTTAWA ON ***Well ID:*** 7290026	NNW/69.5	0.00	32
7	WWIS		100 BAYSHORE DRIVE Ottawa ON ***Well ID:*** 7291138	ENE/74.5	1.00	35
8	WWIS		100 BAYSHORE DR OTTAWA ON ***Well ID:*** 7290024	ENE/75.4	1.00	37
9	SPL	City of Ottawa	In front of 50 Woodridge Ottawa ON	ESE/88.1	0.00	40
9	SPL	City of Ottawa	50 Woodridge Cres. Ottawa ON	ESE/88.1	0.00	40
9	SPL	City of Ottawa	50 Woodridge Crescent OC TRANSPO BAYSHORE TRANSIT STATION<UNOFFICIAL> Ottawa ON	ESE/88.1	0.00	41
9	SPL		road in front of 50 Woodridge Crescent<UNOFFICIAL> Ottawa ON	ESE/88.1	0.00	41

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
9	SPL		50 Woodridge<UNOFFICIAL> Ottawa ON	ESE/88.1	0.00	42
9	SPL	City of Ottawa	50 Woodridge Crescent Ottawa ON	ESE/88.1	0.00	42
9	SPL	City of Ottawa	50 Woodridge Cres Ottawa ON	ESE/88.1	0.00	43
9	SPL	City of Ottawa	50 Woodridge Avenue Ottawa ON	ESE/88.1	0.00	43
9	SPL	City of Ottawa	50 Woodridge Cres Ottawa ON	ESE/88.1	0.00	44
9	SPL		50 Woodridge Cresent Ottawa ON	ESE/88.1	0.00	44
10	BORE		ON	WSW/96.0	-1.00	45
12	EHS		100 Bayshore Drive Nepean ON K2B 8C1	ENE/106.4	1.00	45
12	EHS		100 Bayshore Drive Nepean ON K2B 8C1	ENE/106.4	1.00	46
12	EHS		100 Bayshore Drive Nepean ON K2B 8C1	ENE/106.4	1.00	46
12	EHS		100 Bayshore Drive Nepean ON K2B 8C1	ENE/106.4	1.00	46
12	EHS		100 Bayshore Drive Nepean ON K2B 8C1	ENE/106.4	1.00	46
12	EHS		100 Bayshore Drive Nepean ON K2B 8C1	ENE/106.4	1.00	46

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	EHS		100 Bayshore Drive Nepean ON K2B 8C1	ENE/106.4	1.00	47
13	WWIS		100 BAYSHORE DR ON ***Well ID:*** 7290023	ENE/127.2	1.00	47
14	WWIS		100 BAYSHORE DRIVE Ottawa ON ***Well ID:*** 7291139	ENE/129.0	1.00	50
15	BORE		ON	S/133.9	-1.00	52
16	EHS		100 Bayshore Dr Ottawa ON K2B8C1	ENE/146.5	1.00	53
17	BORE		ON	SSW/156.0	-1.00	53
18	BORE		ON	SW/156.6	-1.00	54
19	HINC		85 WOODRIDGE CRESCENT OTTAWA ON	NNW/161.2	1.00	55
20	BORE		ON	SSE/170.9	0.00	56
21	BORE		ON	SW/178.7	-1.00	56
22	BORE		ON	SSW/197.0	-1.00	58
23	BORE		ON	SSW/199.0	-1.00	58
24	GEN	Ferguslea Properties Limited	98 Woodridge Crescent Ottawa ON K2B 7S9	WNW/201.3	-1.00	59

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
24	GEN	Ferguslea Properties Limited	98 Woodridge Crescent Ottawa ON K2B 7S9	WNW/201.3	-1.00	59
25	BORE		ON	ESE/201.9	0.00	60
26	SPL	CONSUMERS' GAS CO. LTD., THE	91 WOODRIDGE CRESCENT NATURAL GAS PIPELINE OTTAWA CITY ON K2B 7T2	N/205.1	1.00	61
27	BORE		ON	SSW/207.8	-1.00	62
28	BORE		ON	SSW/208.7	-1.00	63
29	BORE		ON	SSW/210.4	-1.00	64
30	BORE		ON	SSW/211.5	-1.00	65
31	BORE		ON	SW/214.1	-1.00	66
32	BORE		ON	SSW/215.1	-1.00	67
33	BORE		ON	S/216.8	-1.00	68
34	BORE		ON	SSW/222.2	-1.01	69
35	PINC	TAGGART CONSTRUCTION LTD	100 BAYSHORE DR,,OTTAWA,ON,K2B 8C1,CA ON	ENE/231.1	1.00	70
35	GEN	Walmart Canada Corp.	10-100 Bayshore Drive Ottawa ON K2B 8C1	ENE/231.1	1.00	71

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
35	GEN	Ivanhoe Cambridge Inc.	100 Bayshore Drive Ottawa ON K2B8C1	ENE/231.1	1.00	71
35	GEN	Bayshore Dental Partnership	100 Bayshore Drive Second Floor Nepean ON K2B 8C1	ENE/231.1	1.00	72
35	GEN	FGL Sports Limited	100 Bayshore Drive Nepean ON K2B 8C1	ENE/231.1	1.00	72
35	GEN	MAC 12000503	100 Bayshore Drive Ottawa ON K2B8C1	ENE/231.1	1.00	73
36	BORE		ON	SW/232.6	-1.03	73
37	BORE		ON	SSW/235.7	-1.01	74
38	BORE		ON	SW/236.1	-1.03	75
39	BORE		ON	SW/237.4	-1.03	76
40	BORE		ON	SSW/238.6	-1.08	78
41	BORE		ON	SSW/242.9	-0.85	79
42	BORE		ON	SW/243.5	-1.00	81
43	BORE		ON	ESE/245.7	0.00	82
44	BORE		ON	SW/247.5	-0.67	83

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 26 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	SSE	170.92	20
	ON	ESE	201.90	25
	ON	ESE	245.75	43

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	WSW	95.99	10
	ON	S	133.92	15
	ON	SSW	155.96	17
	ON	SW	156.55	18
	ON	SW	178.71	21
	ON	SSW	196.97	22

ON	SSW	199.01	23
ON	SSW	207.84	27
ON	SSW	208.73	28
ON	SSW	210.39	29
ON	SSW	211.45	30
ON	SW	214.06	31
ON	SSW	215.06	32
ON	S	216.78	33
ON	SSW	222.17	34
ON	SW	232.60	36
ON	SSW	235.68	37
ON	SW	236.14	38

ON		SW	237.42	39
ON		SSW	238.56	40
ON		SSW	242.94	41
ON		SW	243.51	42
ON		SW	247.50	44

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Nov 30, 2021 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Bayshore Shopping Centre Ltd.	90 Woodridge Cres 100 Bayshore Drive Ottawa ON M5J 2R2	-	0.00	1

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Nov 30, 2021 has found that there are 12 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	100 Bayshore Drive Nepean ON K2B 8C1	ENE	106.39	12
	100 Bayshore Drive Nepean ON K2B 8C1	ENE	106.39	12
	100 Bayshore Drive Nepean ON K2B 8C1	ENE	106.39	12

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	100 Bayshore Drive Nepean ON K2B 8C1	ENE	106.39	12
	100 Bayshore Drive Nepean ON K2B 8C1	ENE	106.39	12
	100 Bayshore Drive Nepean ON K2B 8C1	ENE	106.39	12
	100 Bayshore Drive Nepean ON K2B 8C1	ENE	106.39	12
	100 Bayshore Dr Ottawa ON K2B8C1	ENE	146.51	16

Lower Elevation	Address	Direction	Distance (m)	Map Key
	90 Woodridge Crescent Nepean ON K2B 7T1	W	106.33	11
	90 Woodridge Crescent Nepean ON K2B 7T1	W	106.33	11
	90 Woodridge Crescent Nepean ON K2B 7T1	W	106.33	11
	90 Woodridge Crescent Nepean ON K2B 7T1	W	106.33	11

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Nov 30, 2021 has found that there are 9 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Quantum Environmental Group	90 Woodridge Crescent Ottawa ON K2B 7S9	-	0.00	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
NEPEAN HYDRO 28-845	BAYSHORE COMM. CTR- TRANSFORMER VAULT 66 WOODRIDGE CRES., C/O 1970 MERIVALE NEPEAN ON K2B 7S9	N	52.26	5
FGL Sports Limited	100 Bayshore Drive Nepean ON K2B 8C1	ENE	231.11	35
Bayshore Dental Partnership	100 Bayshore Drive Second Floor Nepean ON K2B 8C1	ENE	231.11	35
Ivanhoe Cambridge Inc.	100 Bayshore Drive Ottawa ON K2B8C1	ENE	231.11	35
Walmart Canada Corp.	10-100 Bayshore Drive Ottawa ON K2B 8C1	ENE	231.11	35
MAC 12000503	100 Bayshore Drive Ottawa ON K2B8C1	ENE	231.11	35

Lower Elevation	Address	Direction	Distance (m)	Map Key
Ferguslea Properties Limited	98 Woodridge Crescent Ottawa ON K2B 7S9	WNW	201.34	24
Ferguslea Properties Limited	98 Woodridge Crescent Ottawa ON K2B 7S9	WNW	201.34	24

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.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	85 WOODRIDGE CRESCENT OTTAWA ON	NNW	161.19	19

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

PINC - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
TAGGART CONSTRUCTION LTD	100 BAYSHORE DR,,OTTAWA,ON, K2B 8C1,CA ON	ENE	231.11	35

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020 has found that there are 12 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
UNKNOWN	CREEK BEHIND 90 WOODRIDGE CRES. OTTAWA ON	-	0.00	1
City of Ottawa	50 Woodridge Cres. Ottawa ON	ESE	88.07	9
City of Ottawa	In front of 50 Woodridge Ottawa ON	ESE	88.07	9
	road in front of 50 Woodridge Crescent<UNOFFICIAL> Ottawa ON	ESE	88.07	9
	50 Woodridge<UNOFFICIAL> Ottawa ON	ESE	88.07	9
City of Ottawa	50 Woodridge Crescent Ottawa ON	ESE	88.07	9
City of Ottawa	50 Woodridge Cres Ottawa ON	ESE	88.07	9

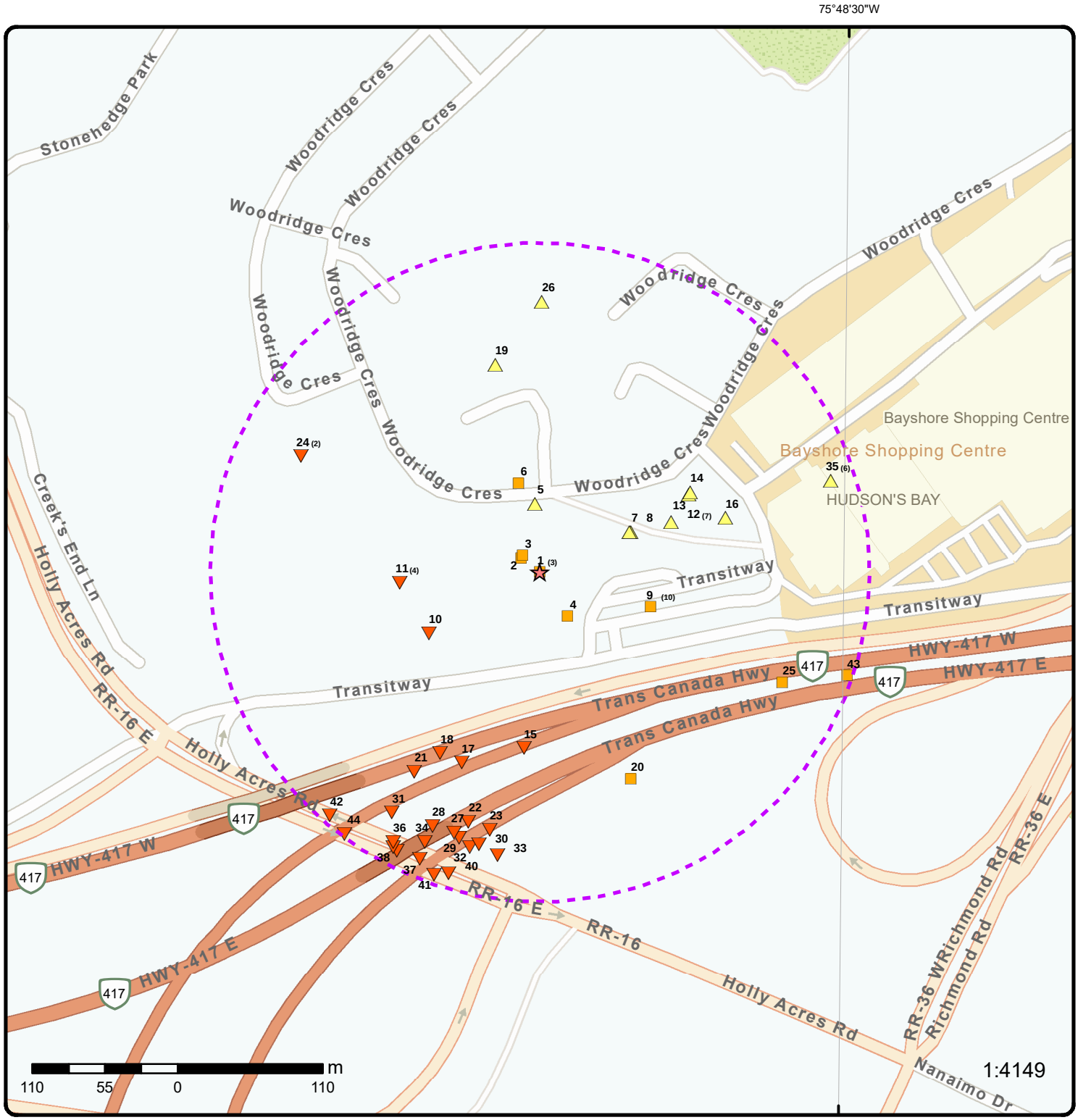
Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
City of Ottawa	50 Woodridge Avenue Ottawa ON	ESE	88.07	9
City of Ottawa	50 Woodridge Crescent OC TRANSPO BAYSHORE TRANSIT STATION<UNOFFICIAL> Ottawa ON	ESE	88.07	9
	50 Woodridge Cresent Ottawa ON	ESE	88.07	9
City of Ottawa	50 Woodridge Cres Ottawa ON	ESE	88.07	9
CONSUMERS' GAS CO. LTD., THE	91 WOODRIDGE CRESCENT NATURAL GAS PIPELINE OTTAWA CITY ON K2B 7T2	N	205.15	26

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 8 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	100 BAYSHORE DR OTTAWA ON ***Well ID:*** 7290025	WNW	17.66	2
	100 BAYSHORE DRIVE Ottawa ON ***Well ID:*** 7291137	WNW	18.20	3
	100 BAYSHORE DRIVE Ottawa ON ***Well ID:*** 7291136	SE	39.37	4
	100 BAYSHORE DR OTTAWA ON ***Well ID:*** 7290026	NNW	69.52	6
	100 BAYSHORE DRIVE Ottawa ON ***Well ID:*** 7291138	ENE	74.50	7

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	100 BAYSHORE DR OTTAWA ON ***Well ID:*** 7290024	ENE	75.41	8
	100 BAYSHORE DR ON ***Well ID:*** 7290023	ENE	127.22	13
	100 BAYSHORE DRIVE Ottawa ON ***Well ID:*** 7291139	ENE	129.04	14



Map: 0.25 Kilometer Radius

Order Number: 22012000135

Address: 90 Woodridge Crescent, Nepean, ON

ERIS

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation

- Freeways; Highways
- Traffic Circle; Ramp
- Major Arterial; Minor Arterial
- Local Road
- Service Road; Traffic Circle; Ramp
- Rail

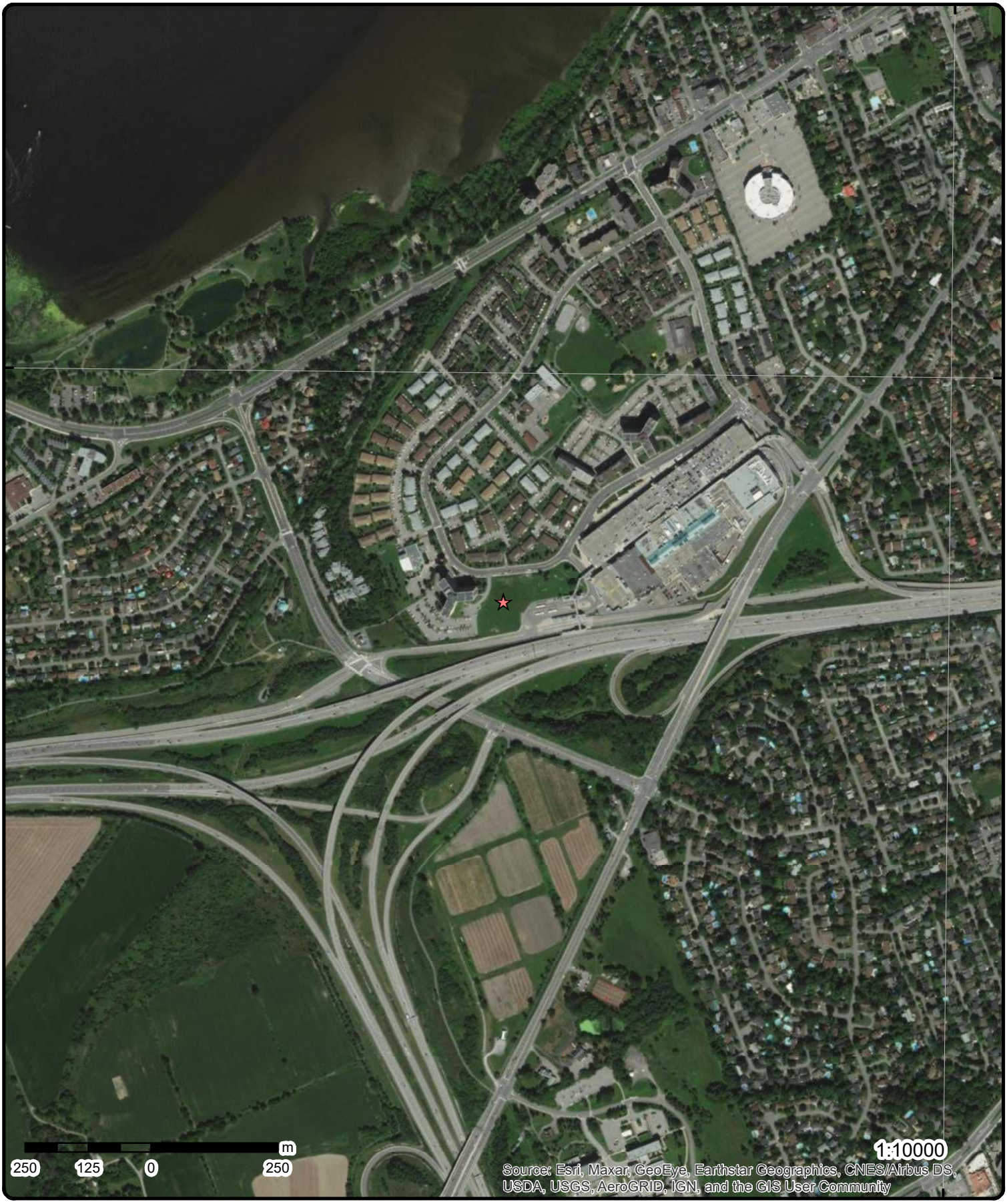
- Beach
- Airport
- Industrial Area
- Military Base
- Aircraft Roads
- Native Reservation
- Hospital

- Shopping & Sports Area
- University/College
- Cemetery; Golf Course
- Parkt (National)
- Park (City/County)

75°48'W

45°21'N

45°21'N

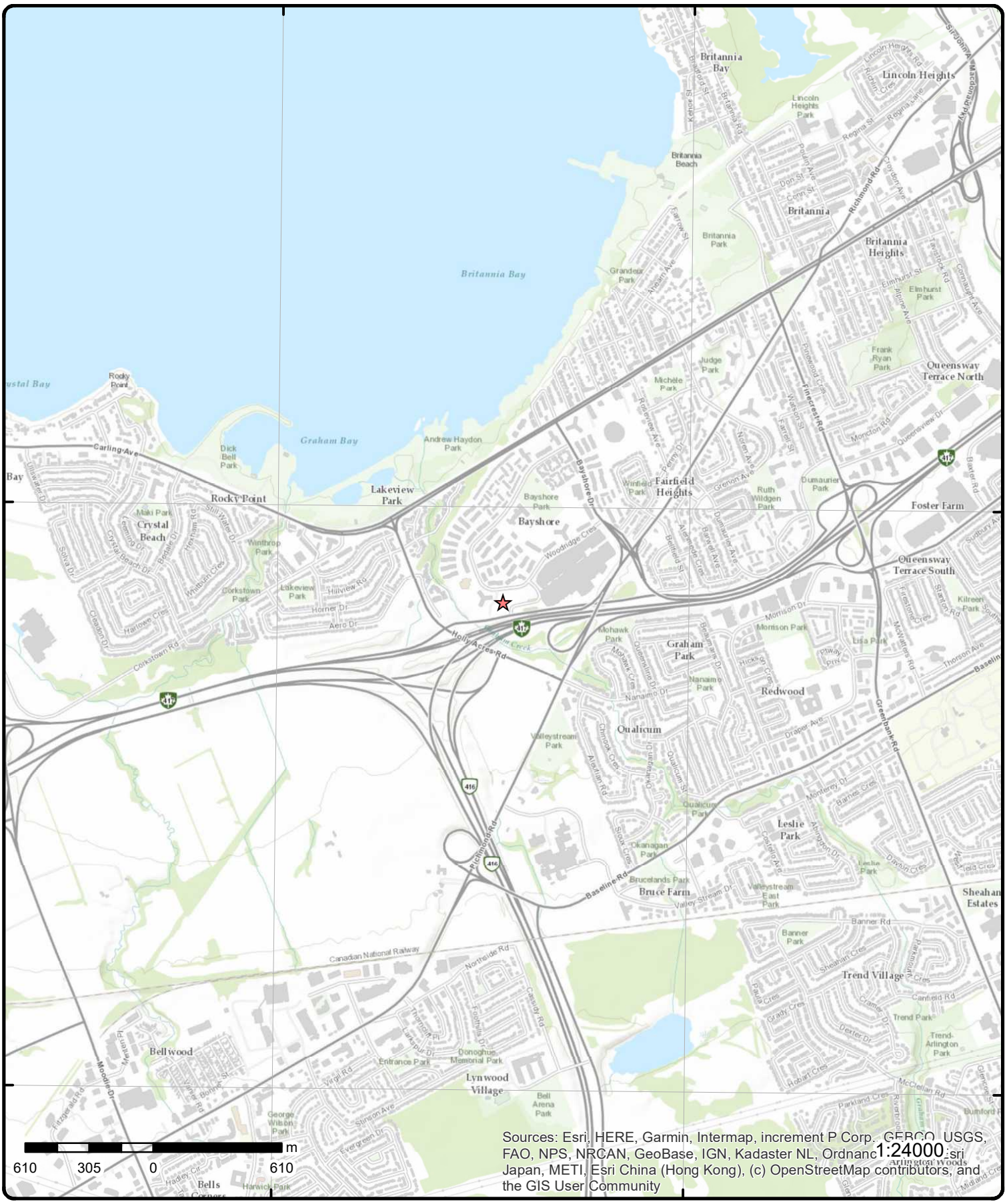


Aerial **Year: 2020**

Order Number: 22012000135

Address: 90 Woodridge Crescent, Nepean, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 22012000135

Address: 90 Woodridge Crescent, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 3	-/0.0	65.9 / 0.00	UNKNOWN CREEK BEHIND 90 WOODRIDGE CRES. OTTAWA ON	SPL

Ref No:	191186	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	11/28/2000	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CAUSE (N.O.S.)	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	20107
Nature of Impact:	Water course or lake	**Site Lot:**	
Receiving Medium:	WATER	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	NEPEAN FIRE DEPT., WORKS DEPT.
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	11/28/2000	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	OTHER	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	UNKNOWN SOURCE:UNKOWN LIQUID IN CREEK.FIRE DEPTRESPODNING.		
Contaminant Qty:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 3	-/0.0	65.9 / 0.00	Quantum Environmental Group 90 Woodridge Crescent Ottawa ON K2B 7S9	GEN

Generator No:	ON9335348	**Status:**	
SIC Code:	238910	**Co Admin:**	
SIC Description:	Site Preparation Contractors	**Choice of Contact:**	
Approval Years:	05	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:		**MHSW Facility:**	

Detail(s)

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 3	-/0.0	65.9 / 0.00	Bayshore Shopping Centre Ltd. 90 Woodridge Cres 100 Bayshore Drive	ECA

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

Ottawa ON M5J 2R2

Approval No:	9336-954MP2	**MOE District:**	
Approval Date:	2013-02-26	**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
Business Name: Bayshore Shopping Centre Ltd.
Address: 90 Woodridge Cres 100 Bayshore Drive
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6498-8VDQXT-14.pdf
PDF Site Location:

---

11 | **1 of 4** | **W/106.3** | **64.8 / -1.03** | **90 Woodridge Crescent Nepean ON K2B 7T1** | **EHS**

Order No:	20310500109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	10-NOV-20	**Search Radius (km):**	.25
Date Received:	05-NOV-20	**X:**	-75.8126143
Previous Site Name:		**Y:**	45.3458438
Lot/Building Size:			
Additional Info Ordered:			

---

11 | **2 of 4** | **W/106.3** | **64.8 / -1.03** | **90 Woodridge Crescent Nepean ON K2B 7T1** | **EHS**

Order No:	20310500109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	10-NOV-20	**Search Radius (km):**	.25
Date Received:	05-NOV-20	**X:**	-75.8126143
Previous Site Name:		**Y:**	45.3458438
Lot/Building Size:			
Additional Info Ordered:			

---

11 | **3 of 4** | **W/106.3** | **64.8 / -1.03** | **90 Woodridge Crescent Nepean ON K2B 7T1** | **EHS**

Order No:	20310500109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	10-NOV-20	**Search Radius (km):**	.25
Date Received:	05-NOV-20	**X:**	-75.8126143
Previous Site Name:		**Y:**	45.3458438
Lot/Building Size:			
Additional Info Ordered:			

---

11 | **4 of 4** | **W/106.3** | **64.8 / -1.03** | **90 Woodridge Crescent Nepean ON K2B 7T1** | **EHS**

Order No:	20310500109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON

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

Report Date:	10-NOV-20	**Search Radius (km):**	.25
Date Received:	05-NOV-20	**X:**	-75.8126143
Previous Site Name:		**Y:**	45.3458438
Lot/Building Size:			
Additional Info Ordered:			

2 **1 of 1** **WNW/17.7** **65.9 / 0.00** **100 BAYSHORE DR OTTAWA ON** **WWIS**

Well ID:	7290025	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	7/7/2017
Sec. Water Use:	Monitoring	**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z250873	**Owner:**	
Tag:	A189892	**Street Name:**	100 BAYSHORE DR
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
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:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2017/05/18
Year Completed:	2017
Depth (m):	5.49
Latitude:	45.346017954388
Longitude:	-75.8114430641566
Path:	

Bore Hole Information

Bore Hole ID:	1006616439	**Elevation:**	64.171508
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	436432.00
Code OB Desc:		**North83:**	5021710.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	18-May-2017 00:00:00	**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: 1006670531
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 0.6100000143051147
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006670532
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.6100000143051147
Formation End Depth: 3.9600000381469727
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006670533
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 3.9600000381469727
Formation End Depth: 5.489999771118164
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006670543
Layer: 3
Plug From: 2.14000010490417
Plug To: 5.48999977111816
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006670541

Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006670542
Layer:	2
Plug From:	0.310000002384186
Plug To:	2.14000010490417
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006670540
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1006670530
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006670537
Layer:	1
Slot:	10
Screen Top Depth:	2.44000005722046
Screen End Depth:	5.48999977111816
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	1006670535
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006670534
Diameter:	15.239999771118164
Depth From:	0.0
Depth To:	5.489999771118164
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	WNW/18.2	65.9 / 0.00	100 BAYSHORE DRIVE Ottawa ON	WWIS

Well ID: 7291137
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z258508
Tag: A189892
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: 7/28/2017
Selected Flag: True
Abandonment Rec: Yes
Contractor: 7241
Form Version: 7
Owner:
Street Name: 100 BAYSHORE DRIVE
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7291137.pdf

Additional Detail(s) (Map)

Well Completed Date: 2017/06/21
Year Completed: 2017
Depth (m):
Latitude: 45.3460360460199
Longitude: -75.8114305576729
Path: 729\7291137.pdf

Bore Hole Information

Bore Hole ID: 1006673067
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 21-Jun-2017 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 64.147079
Elevrc:
Zone: 18
East83: 436433.00
North83: 5021712.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1006817763
Layer: 2
Plug From: 1
Plug To: 3
Plug Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1006817762
Layer:	1
Plug From:	0
Plug To:	1
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006817764
Layer:	3
Plug From:	3
Plug To:	20
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006817761
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	HAND PULL

Pipe Information

Pipe ID:	1006817753
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006817758
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1006817756
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006817755
Diameter:	3.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	SE/39.4	65.9 / 0.00	100 BAYSHORE DRIVE Ottawa ON	WWIS

Well ID: 7291136
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z258509
Tag: A189891
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: 7/28/2017
Selected Flag: True
Abandonment Rec: Yes
Contractor: 7241
Form Version: 7
Owner:
Street Name: 100 BAYSHORE DRIVE
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7291136.pdf

Additional Detail(s) (Map)

Well Completed Date: 2017/06/21
Year Completed: 2017
Depth (m):
Latitude: 45.3456251064243
Longitude: -75.8109906803916
Path: 729\7291136.pdf

Bore Hole Information

Bore Hole ID: 1006673064
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 21-Jun-2017 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 65.230293
Elevrc:
Zone: 18
East83: 436467.00
North83: 5021666.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1006817752
Layer: 2
Plug From: 1
Plug To: 20
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006817751
Layer:	1
Plug From:	0
Plug To:	1
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006817750
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	HAND PULL

Pipe Information

Pipe ID:	1006817744
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006817749
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1006817747
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006817746
Diameter:	6.03000020980835
Depth From:	0.0
Depth To:	1.8300000429153442
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

5	***1 of 1***	***N/52.3***	***66.6 / 0.69***	***NEPEAN HYDRO 28-845*** ***BAYSHORE COMM. CTR-TRANSFORMER*** ***VAULT 66 WOODRIDGE CRES., C/O 1970*** ***MERIVALE*** ***NEPEAN ON K2B 7S9***	***GEN***

Generator No:	ON0453107	**Status:**	
SIC Code:	4911	**Co Admin:**	
SIC Description:	ELECT. POWER SYS.	**Choice of Contact:**	
Approval Years:	92,93,94,95,96,97,98	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:		**MHSW Facility:**	

Detail(s)

Waste Class:	243
Waste Class Desc:	PCB'S

6 | ***1 of 1*** | ***NNW/69.5*** | ***65.9 / 0.00*** | ***100 BAYSHORE DR OTTAWA ON*** | ***WWIS***

Well ID:	7290026	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	7/7/2017
Sec. Water Use:	Monitoring	**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z250872	**Owner:**	
Tag:	A189891	**Street Name:**	100 BAYSHORE DR
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
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:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2017/05/18
Year Completed:	2017
Depth (m):	6.1
Latitude:	45.3465308000811
Longitude:	-75.8114759218891
Path:	

Bore Hole Information

Bore Hole ID:	1006616442	**Elevation:**	64.780906
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	436430.00
Code OB Desc:		**North83:**	5021767.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	18-May-2017 00:00:00	**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:	1006670608
Layer:	4
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	
Formation End Depth:	6.099999904632568
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006670607
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	4.570000171661377
Formation End Depth:	
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006670605
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.6100000143051147
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006670606
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28

Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.6100000143051147
Formation End Depth:	4.570000171661377
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006670616
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006670618
Layer:	3
Plug From:	2.74000000953674
Plug To:	6.09999990463257
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006670617
Layer:	2
Plug From:	0.310000002384186
Plug To:	2.74000000953674
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006670615
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1006670604
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006670612
Layer:	1
Slot:	10
Screen Top Depth:	3.09999990463257
Screen End Depth:	6.09999990463257
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm

Screen Diameter: 6.03000020980835

Water Details

Water ID: 1006670610
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006670609
Diameter: 15.239999771118164
Depth From: 0.0
Depth To: 6.099999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

---

7 | ***1 of 1*** | ***ENE/74.5*** | ***66.9 / 1.00*** | ***100 BAYSHORE DRIVE Ottawa ON*** | ***WWIS***

Well ID: 7291138
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use: Test Hole
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z258507
Tag: A189893
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: 7/28/2017
Selected Flag: True
Abandonment Rec: Yes
Contractor: 7241
Form Version: 7
Owner:
Street Name: 100 BAYSHORE DRIVE
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7291138.pdf

Additional Detail(s) (Map)

Well Completed Date: 2017/06/21
Year Completed: 2017
Depth (m):
Latitude: 45.3462053950812
Longitude: -75.8103990112741
Path: 729\7291138.pdf

Bore Hole Information

Bore Hole ID: 1006673091
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:

Elevation: 64.987899
Elevrc:
Zone: 18
East83: 436514.00
North83: 5021730.00

Open Hole:
Cluster Kind:
Date Completed: 21-Jun-2017 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1006817775
Layer: 2
Plug From: 1
Plug To: 3
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006817776
Layer: 3
Plug From: 3
Plug To: 18
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006817774
Layer: 1
Plug From: 0
Plug To: 1
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006817773
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: HAND PULL

Pipe Information

Pipe ID: 1006817765
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1006817770
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:

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

Water Details

Water ID: 1006817768
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006817767
Diameter: 3.0
Depth From: 0.0
Depth To: 6.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

8 | **1 of 1** | **ENE/75.4** | **66.9 / 1.00** | **100 BAYSHORE DR OTTAWA ON** | **WWIS**

Well ID: 7290024
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z250869
Tag: A189893
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: 7/7/2017
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 100 BAYSHORE DR
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2017/05/18
Year Completed: 2017
Depth (m): 5.49
Latitude: 45.3462054856463
Longitude: -75.810386247554
Path:

Bore Hole Information

Bore Hole ID: 1006616424
DP2BR:
Spatial Status:

Elevation: 64.985687
Elevrc:
Zone: 18

Code OB:		***East83:***	436515.00
Code OB Desc:		***North83:***	5021730.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	18-May-2017 00:00:00	***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:	1006670503
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.6100000143051147
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006670505
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.9600000381469727
Formation End Depth:	5.489999771118164
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006670504
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.6100000143051147
Formation End Depth:	3.9600000381469727
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006670515
Layer:	3
Plug From:	2.14000010490417
Plug To:	5.48999977111816
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006670514
Layer:	2
Plug From:	0.310000002384186
Plug To:	2.14000010490417
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006670513
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006670512
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1006670502
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006670509
Layer:	1
Slot:	10
Screen Top Depth:	2.44000005722046
Screen End Depth:	5.48999977111816
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	1006670507
Layer:	
Kind Code:	

Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006670506
Diameter: 15.239999771118164
Depth From: 0.0
Depth To: 5.489999771118164
Hole Depth UOM: m
Hole Diameter UOM: cm

---

9 ***1 of 10*** ***ESE/88.1*** ***65.9 / 0.00*** ***City of Ottawa*** ***SPL***
In front of 50 Woodridge
Ottawa ON

Ref No: 6322-687MN6
Site No:
Incident Dt: 12/31/2004
Year:
Incident Cause: Container Leak (Fuel Tank Barrels)
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Receiving Medium: Water
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/31/2004
Dt Document Closed:
Incident Reason: Unknown - Reason not determined
Site Name: CITY OF OTTAWA<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo- 2L? oil to sewer
Contaminant Qty: 2 L

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Spills
Source Type:

---

9 ***2 of 10*** ***ESE/88.1*** ***65.9 / 0.00*** ***City of Ottawa*** ***SPL***
50 Woodridge Cres.
Ottawa ON

Ref No: 6774-67TN4E
Site No:
Incident Dt: 12/19/2004
Year:
Incident Cause: Other Transport Accident
Incident Event:
Contaminant Code: 24
Contaminant Name: ETHYLENE GLYCOL (ANTIFREEZE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Surface Water Pollution
Receiving Medium: Water
Receiving Env:

Discharger Report:
Material Group: Chemical
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:

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

MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	12/19/2004	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Spill to Inland Watercourses
Incident Reason:	Weather	**Source Type:**	
Site Name:	BAYSHORE TRANSIT STATION<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC Transpo - Antifreeze to Catchbasin		
Contaminant Qty:	other - see incident description		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	3 of 10	ESE/88.1	65.9 / 0.00	City of Ottawa 50 Woodridge Crescent OC TRANSPO BAYSHORE TRANSIT STATION<UNOFFICIAL> Ottawa ON	SPL

Ref No:	7746-6P4VW5	**Discharger Report:**	
Site No:		**Material Group:**	Oils
Incident Dt:	4/22/2006	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Other Discharges	**Sector Type:**	Other Motor Vehicle
Incident Event:		**Agency Involved:**	
Contaminant Code:	15	**Nearest Watercourse:**	
Contaminant Name:	POWER STEARING FLUID	**Site Address:**	50 WOODRIDGE CRESCENT
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:	Other Impact(s)	**Site Lot:**	
Receiving Medium:	Land & Water	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	4/22/2006	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	Equipment Failure	**Source Type:**	
Site Name:	50 WOODRIDGE CRESCENT		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC Transpo, 25-30L power steering fluid to asphalt & c/b		
Contaminant Qty:	30 15		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	4 of 10	ESE/88.1	65.9 / 0.00	road in front of 50 Woodridge Crescent<UNOFFICIAL> Ottawa ON	SPL

Ref No:	0250-7EJVZB	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:		**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Pipe Or Hose Leak	**Sector Type:**	Other Motor Vehicle
Incident Event:		**Agency Involved:**	
Contaminant Code:	24	**Nearest Watercourse:**	
Contaminant Name:	ETHYLENE GLYCOL (ANTIFREEZE)	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Confirmed	**Site Municipality:**	Ottawa
Nature of Impact:	Surface Water Pollution	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No Field Response	**Easting:**	

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

Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	5/11/2008	**Site Map Datum:**	
Dt Document Closed:	5/24/2008	**SAC Action Class:**	Watercourse Spills
Incident Reason:	Other - Reason not otherwise defined	**Source Type:**	
Site Name:	road in front of 50 Woodridge Crescent<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CO Transpo: est. 10L coolant to road, cb, cleaned		
Contaminant Qty:	10 L		

---

9 | ***5 of 10*** | ***ESE/88.1*** | ***65.9 / 0.00*** | ***50 Woodridge<UNOFFICIAL>*** ***Ottawa ON*** | ***SPL***

Ref No:	7125-7FQVKN	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:		**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:		**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:	6/18/2008	**Site Map Datum:**	
Dt Document Closed:	9/11/2008	**SAC Action Class:**	Highway Spills (usually highway accidents)
Incident Reason:		**Source Type:**	
Site Name:	50 Woodridge<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Source Ukn-Ukn Qty Diesel Fuel to Road/Sewer.		
Contaminant Qty:			

---

9 | ***6 of 10*** | ***ESE/88.1*** | ***65.9 / 0.00*** | ***City of Ottawa*** ***50 Woodridge Crescent*** ***Ottawa ON*** | ***SPL***

Ref No:	3831-7SQ29H	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:		**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Valve / Fitting Leak Or Failure	**Sector Type:**	Motor Vehicle
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:	ETHYLENE GLYCOL (ANTIFREEZE)	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/4/2009	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Watercourse Spills

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

Incident Reason: Equipment Failure
Source Type:
Site Name: at O.C. Transpo Station <UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: O.C. Transit - 5 L of anti-freeze to catch basin.
Contaminant Qty: 5 L

---

9 | **7 of 10** | **ESE/88.1** | **65.9 / 0.00** | **City of Ottawa**
50 Woodridge Cres
Ottawa ON | **SPL**

Ref No: 5246-8HUMST
Site No:
Incident Dt: 6/15/2011
Year:
Incident Cause: Other Discharges
Incident Event:
Contaminant Code: 27
Contaminant Name: COOLANT N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/15/2011
Dt Document Closed: 7/13/2011
Incident Reason:
Site Name: Bayshore Laneway<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo: spill 40 L coolant to pavement and CB
Contaminant Qty: 40 L

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Motor Vehicle
Agency Involved:
Nearest Watercourse:
Site Address: 50 Woodridge Cres
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Watercourse Spills
Source Type:

---

9 | **8 of 10** | **ESE/88.1** | **65.9 / 0.00** | **City of Ottawa**
50 Woodridge Avenue
Ottawa ON | **SPL**

Ref No: 8064-97QRYX
Site No:
Incident Dt: 15-MAY-13
Year:
Incident Cause: Collision/Accident
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: Planned Field Response
Dt MOE Arvl on Scn: 16-MAY-13
MOE Reported Dt: 15-MAY-13
Dt Document Closed:
Incident Reason: Other
Site Name: Catch Basin <UNOFFICIAL>

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Motor Vehicle
Agency Involved:
Nearest Watercourse:
Site Address: 50 Woodridge Avenue
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Watercourse Spills
Source Type:

Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo - 200 L of diesel to road & cb from bus.
Contaminant Qty: 200 L

---

9 | **9 of 10** | **ESE/88.1** | **65.9 / 0.00** | **City of Ottawa**
50 Woodridge Cres
Ottawa ON | **SPL**

Ref No:	3450-ALCVRG	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	4/12/2017	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	Municipal Government
Incident Cause:		**Sector Type:**	Miscellaneous Communal
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	50 Woodridge Cres
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	1202	**Site Region:**	Eastern
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land	**Northing:**	5015848
MOE Response:		**Easting:**	432885
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	4/12/2017	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	Equipment Failure	**Source Type:**	Other

Site Name: Transit station site<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo: ~ 1L diesel to asphalt, cb, cntd & clng
Contaminant Qty: 1 L

---

9 | **10 of 10** | **ESE/88.1** | **65.9 / 0.00** | **50 Woodridge Cresent**
Ottawa ON | **SPL**

Ref No:	1856-BKPUJ8	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2020/01/10	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	27	**Nearest Watercourse:**	
Contaminant Name:	COOLANT N.O.S.	**Site Address:**	50 Woodridge Cresent
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	n/a	**Site Region:**	Eastern
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land; Surface Water	**Northing:**	5021785.37
MOE Response:	No	**Easting:**	436536.41
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2020/01/10	**Site Map Datum:**	
Dt Document Closed:	2020/08/26	**SAC Action Class:**	
Incident Reason:	Equipment Failure	**Source Type:**	Valve/Fitting/Piping

Site Name: Spill Site<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo: 7L engine oil to grnd, 1L to drain, cleaned.

Contaminant Qty: 7 L

---

10 | **1 of 1** | **WSW/96.0** | **64.9 / -1.00** | **ON** | **BORE**

Borehole ID:	848380	**Inclin FLG:**	No
OGF ID:	215590010	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	12-JUL-1989	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.345499
Total Depth m:	9.8	**Longitude DD:**	-75.812329
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436362
Drill Method:	Hollow stem auger	**Northing:**	5021653
Orig Ground Elev m:	65.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 50 metres
DEM Ground Elev m:	62.4		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560810	**Mat Consistency:**	Stiff
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.4	**Material Texture:**	
Material Color:	Grey-Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SIILTY CLAY SOME TO TRACE SAND GREYISH BROWN STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560811	**Mat Consistency:**	Dense
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	9.8	**Material Texture:**	
Material Color:	Brown-Grey	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND TRACE SILT AND GRAVEL LOOSE TO DENSE BROWN GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

---

12 | **1 of 7** | **ENE/106.4** | **66.9 / 1.00** | **100 Bayshore Drive Nepean ON K2B 8C1** | **EHS**

Order No:	20191202109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report (Urban)	**Client Prov/State:**	ON
Report Date:	05-DEC-19	**Search Radius (km):**	.3
Date Received:	02-DEC-19	**X:**	-75.809998
Previous Site Name:		**Y:**	45.346274
Lot/Building Size:			

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

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory

---

12 | **2 of 7** | **ENE/106.4** | **66.9 / 1.00** | **100 Bayshore Drive Nepean ON K2B 8C1** | **EHS**

Order No:	20191202109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report (Urban)	**Client Prov/State:**	ON
Report Date:	05-DEC-19	**Search Radius (km):**	.3
Date Received:	02-DEC-19	**X:**	-75.809998
Previous Site Name:		**Y:**	45.346274
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory

---

12 | **3 of 7** | **ENE/106.4** | **66.9 / 1.00** | **100 Bayshore Drive Nepean ON K2B 8C1** | **EHS**

Order No:	20191202109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report (Urban)	**Client Prov/State:**	ON
Report Date:	05-DEC-19	**Search Radius (km):**	.3
Date Received:	02-DEC-19	**X:**	-75.809998
Previous Site Name:		**Y:**	45.346274
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory

---

12 | **4 of 7** | **ENE/106.4** | **66.9 / 1.00** | **100 Bayshore Drive Nepean ON K2B 8C1** | **EHS**

Order No:	20191202109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report (Urban)	**Client Prov/State:**	ON
Report Date:	05-DEC-19	**Search Radius (km):**	.3
Date Received:	02-DEC-19	**X:**	-75.809998
Previous Site Name:		**Y:**	45.346274
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory

---

12 | **5 of 7** | **ENE/106.4** | **66.9 / 1.00** | **100 Bayshore Drive Nepean ON K2B 8C1** | **EHS**

Order No:	20191202109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report (Urban)	**Client Prov/State:**	ON
Report Date:	05-DEC-19	**Search Radius (km):**	.3
Date Received:	02-DEC-19	**X:**	-75.809998
Previous Site Name:		**Y:**	45.346274
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory

---

12 | **6 of 7** | **ENE/106.4** | **66.9 / 1.00** | **100 Bayshore Drive Nepean ON K2B 8C1** | **EHS**

Order No:	20191202109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report (Urban)	**Client Prov/State:**	ON
Report Date:	05-DEC-19	**Search Radius (km):**	.3

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

Date Received:	02-DEC-19	**X:**	-75.809998
Previous Site Name:		**Y:**	45.346274
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

---

12 | **7 of 7** | **ENE/106.4** | **66.9 / 1.00** | **100 Bayshore Drive Nepean ON K2B 8C1** | **EHS**

Order No:	20191202109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report (Urban)	**Client Prov/State:**	ON
Report Date:	05-DEC-19	**Search Radius (km):**	.3
Date Received:	02-DEC-19	**X:**	-75.809998
Previous Site Name:		**Y:**	45.346274
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

---

13 | **1 of 1** | **ENE/127.2** | **66.9 / 1.00** | **100 BAYSHORE DR ON** | **WWIS**

Well ID:	7290023	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	7/7/2017
Sec. Water Use:	Monitoring	**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z250868	**Owner:**	
Tag:	A189894	**Street Name:**	100 BAYSHORE DR
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
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:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2017/05/18
Year Completed:	2017
Depth (m):	5.49
Latitude:	45.3464614824918
Longitude:	-75.8098282374035
Path:	

Bore Hole Information

Bore Hole ID:	1006616393	**Elevation:**	65.583335
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	436559.00
Code OB Desc:		**North83:**	5021758.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4

Date Completed: 18-May-2017 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006670231
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 3.9600000381469727
Formation End Depth: 5.489999771118164
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006670229
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 0.6100000143051147
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006670230
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.6100000143051147
Formation End Depth: 3.9600000381469727
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006670239
Layer: 1
Plug From: 0
Plug To: 0.310000002384186
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006670241
Layer: 3
Plug From: 2.14000010490417
Plug To: 5.48999977111816
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006670240
Layer: 2
Plug From: 0.310000002384186
Plug To: 2.14000010490417
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006670238
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1006670228
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1006670235
Layer: 1
Slot: 10
Screen Top Depth: 2.44000005722046
Screen End Depth: 5.48999977111816
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03000020980835

Water Details

Water ID: 1006670233
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID:	1006670232
Diameter:	15.239999771118164
Depth From:	0.0
Depth To:	5.489999771118164
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

14 | ***1 of 1*** | ***ENE/129.0*** | ***66.9 / 1.00*** | ***100 BAYSHORE DRIVE Ottawa ON*** | ***WWIS***

Well ID:	7291139	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	7/28/2017
Sec. Water Use:	Test Hole	***Selected Flag:***	True
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z258525	***Owner:***	
Tag:	A189894	***Street Name:***	100 BAYSHORE DRIVE
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7291139.pdf

Additional Detail(s) (Map)

Well Completed Date:	2017/06/21
Year Completed:	2017
Depth (m):	
Latitude:	45.3464795739497
Longitude:	-75.8098157303072
Path:	729\7291139.pdf

Bore Hole Information

Bore Hole ID:	1006673679	***Elevation:***	65.605636
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	436560.00
Code OB Desc:		***North83:***	5021760.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	21-Jun-2017 00:00:00	***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:	1006817786
Layer:	1
Plug From:	0
Plug To:	1
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006817788
Layer:	3
Plug From:	2
Plug To:	18
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006817787
Layer:	2
Plug From:	1
Plug To:	2
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006817785
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	HAND PULL

Pipe Information

Pipe ID:	1006817777
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006817782
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1006817780
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	

Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006817779
Diameter: 3.0
Depth From: 0.0
Depth To: 18.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

15 ***1 of 1*** ***S/133.9*** ***64.9 / -1.00*** ***ON*** ***BORE***

Borehole ID: 848253
OGF ID: 215589884
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 22-JUL-1988
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 12.7
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Hollow stem auger
Orig Ground Elev m: 65.9
Elev Reliabil Note:
DEM Ground Elev m: 66.6
Concession: CON 2 ON OTTAWA RIVER
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT 16
Township: NEPEAN
Latitude DD: 45.344722
Longitude DD: -75.811399
UTM Zone: 18
Easting: 436434
Northing: 5021566
Location Accuracy:
Accuracy: Within 50 metres

Borehole Geology Stratum

Geology Stratum ID: 6560395
Top Depth: 2
Bottom Depth: 12.7
Material Color:
Material 1: Sand
Material 2: Silt
Material 3: Gravel
Material 4:
Gsc Material Description:
Stratum Description: SAND TRACE OF SILT TRACE OF GRAVEL OCC. GRAVELLY ZONES COMPACT TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Compact
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 6560393
Top Depth: 0
Bottom Depth: .9
Material Color: Brown
Material 1: Fill
Material 2: Sand
Material 3: Gravel
Material 4:
Gsc Material Description:
Stratum Description: SAND, TRACE OF GRAVEL BROWN COMPACT FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Compact
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 6560394
Top Depth: .9

Mat Consistency: Stiff
Material Moisture:

Bottom Depth:	2	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAYEY SILT TRACE OF SAND BROWN STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

16 | **1 of 1** | **ENE/146.5** | **66.9 / 1.00** | **100 Bayshore Dr Ottawa ON K2B8C1** | **EHS**

Order No:	20170810094	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	17-AUG-17	**Search Radius (km):**	.25
Date Received:	10-AUG-17	**X:**	-75.809473
Previous Site Name:		**Y:**	45.346308
Lot/Building Size:			
Additional Info Ordered:			

17 | **1 of 1** | **SSW/156.0** | **64.9 / -1.00** | **ON** | **BORE**

Borehole ID:	848252	**Inclin FLG:**	No
OGF ID:	215589883	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	22-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344619
Total Depth m:	15.7	**Longitude DD:**	-75.811997
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436387
Drill Method:	Hollow stem auger	**Northing:**	5021555
Orig Ground Elev m:	65.7	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 50 metres
DEM Ground Elev m:	63.4		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560392	**Mat Consistency:**	Loose
Top Depth:	6.6	**Material Moisture:**	
Bottom Depth:	15.7	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND TRACE SILT GREY LOOSE TO COMPACT TO DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560391	**Mat Consistency:**	Compact
Top Depth:	2	**Material Moisture:**	

Bottom Depth:	6.6	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND SOME GRAVEL BROWN COMPACT FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560390	**Mat Consistency:**	Very Dense
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	MIXTURE OF CLAYEY SILT SAND AND GRAVEL GREY VERY STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

18 **1 of 1** **SW/156.6** **64.9 / -1.00** **ON** **BORE**

Borehole ID:	610797	**Inclin FLG:**	No
OGF ID:	215512308	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	FEB-1971	**Municipality:**	
Static Water Level:	6.0	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.344682
Total Depth m:	10.7	**Longitude DD:**	-75.812207
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436371
Drill Method:		**Northing:**	5021562
Orig Ground Elev m:	66.7	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	61.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218386563	**Mat Consistency:**	Compact
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:		**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	ARTIFICIAL,SAND, GRAVEL. BROWN,COMPACT.		

Geology Stratum ID:	218386565	**Mat Consistency:**	Dense
Top Depth:	7.9	**Material Moisture:**	
Bottom Depth:	10.7	**Material Texture:**	Fine to Medium
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	

Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: SAND-FINE TO MEDIUM.GREY,VERY DENSE, WATER STABLE AT 199.1 FEET. 0000001400065100002600670019 7K, **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 218386564 ***Mat Consistency:*** Dense
Top Depth: 2 ***Material Moisture:***
Bottom Depth: 7.9 ***Material Texture:*** Coarse
Material Color: Brown ***Non Geo Mat Type:***
Material 1: Sand ***Geologic Formation:***
Material 2: Gravel ***Geologic Group:***
Material 3: Silt ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: SAND,GRAVEL-FINE TO COARSE,SILT. BROWN,VERY DENSE.

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: H ***Horizontal:*** NAD27
Observatio: ***Verticalda:*** Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 033050 NTS_Sheet: 31G05C
Confiden 1: Logged by professional. Exact and complete description of material and properties.

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
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

---

19 ***1 of 1*** ***NNW/161.2*** ***66.9 / 1.00*** ***85 WOODRIDGE CRESCENT OTTAWA ON*** ***HINC***

External File Num: FS INC 0801-00311
Fuel Occurrence Type: CO Release
Date of Occurrence: 1/17/2008
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Multi-unit Residential
Service Interruptions: No
Property Damage: No
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:Yes Procedures:Yes Maintenance:No Design:Yes Training: Yes Management:Yes Human Factors:Ye
Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Emergency Services (Fire, Police,etc)
County Name: Ottawa
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:

Environmental Impact:

---

20 ***1 of 1*** ***SSE/170.9*** ***65.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	848379	***Inclin FLG:***	No
OGF ID:	215590009	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	14-JUL-1989	***Municipality:***	
Static Water Level:		***Lot:***	LOT 16
Primary Water Use:		***Township:***	NEPEAN
Sec. Water Use:		***Latitude DD:***	45.344522
Total Depth m:	9.8	***Longitude DD:***	-75.810362
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	436515
Drill Method:	Hollow stem auger	***Northing:***	5021543
Orig Ground Elev m:	66.4	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 50 metres
DEM Ground Elev m:	66.6		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560809	***Mat Consistency:***	Firm
Top Depth:	.7	***Material Moisture:***	
Bottom Depth:	9.8	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SILTY CLAY INTERBEDDED SANDY SILT FIRM TO STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560808	***Mat Consistency:***	Loose
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.7	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Fill	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Clay	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	FILL SAND AND CLAY BROWN LOOSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

---

21 ***1 of 1*** ***SW/178.7*** ***64.9 / -1.00*** ***ON*** ***BORE***

Borehole ID:	848259	***Inclin FLG:***	No
OGF ID:	215589890	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	23-JUL-1988	***Municipality:***	
Static Water Level:		***Lot:***	LOT 16

Primary Water Use:		***Township:***	NEPEAN
Sec. Water Use:		***Latitude DD:***	45.344553
Total Depth m:	27.7	***Longitude DD:***	-75.812456
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	436351
Drill Method:	Hollow stem auger	***Northing:***	5021548
Orig Ground Elev m:	65.6	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 50 metres
DEM Ground Elev m:	63.3		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560423	***Mat Consistency:***	
Top Depth:	24.4	***Material Moisture:***	
Bottom Depth:	26.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:	Boulders	***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	HET. MIXTURE OF SAND GRAVEL AND BOULDERS GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560424	***Mat Consistency:***	
Top Depth:	26.5	***Material Moisture:***	
Bottom Depth:	27.7	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK DOLOSTONE UNWEATHERED **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560422	***Mat Consistency:***	Compact
Top Depth:	5	***Material Moisture:***	
Bottom Depth:	24.4	***Material Texture:***	
Material Color:	Brown-Grey	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND TRACE SILT TRACE GRAVEL COMPACT TO VERY DENSE BROWN GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560421	***Mat Consistency:***	Compact
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	5	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Fill	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Clay	***Geologic Period:***	
Material 4:	Sand - Gravel	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	MIXTURE OF CLAYEY SILT SAND AND GRAVEL FILL BROWN COMPACT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 1	SSW/197.0	64.9 / -1.00	ON	BORE

Borehole ID:	848247	**Inclin FLG:**	No
OGF ID:	215589878	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	09-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344214
Total Depth m:	15.7	**Longitude DD:**	-75.811928
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436392
Drill Method:	Hollow stem auger	**Northing:**	5021510
Orig Ground Elev m:	64.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	61.6		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560372	**Mat Consistency:**	Loose
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	15.7	**Material Texture:**	
Material Color:	Brown-Grey	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILTY SAND TO SAND, TRACE OF GRAVEL, LOOSE, BROWN GREY, LOOSE TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560371	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	organic material	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	ORGANIC SILTY SAND (FILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	1 of 1	SSW/199.0	64.9 / -1.00	ON	BORE

Borehole ID:	848274	**Inclin FLG:**	No
OGF ID:	215589904	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	10-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344162
Total Depth m:	15.7	**Longitude DD:**	-75.811723
Depth Ref:	Ground Surface	**UTM Zone:**	18

Depth Elev:		**Easting:**	436408
Drill Method:	Hollow stem auger	**Northing:**	5021504
Orig Ground Elev m:	64.7	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	61.9		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560475	**Mat Consistency:**	Loose
Top Depth:	4	**Material Moisture:**	
Bottom Depth:	15.7	**Material Texture:**	
Material Color:	Brown-Grey	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILTY SAND TO SAND LOOSE TO DENSE BROWN GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560474	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Organic	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	ORGANIC SILTY SAND FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

---

24 **1 of 2** **WNW/201.3** **64.9 / -1.00** **Ferguslea Properties Limited**
98 Woodridge Crescent
Ottawa ON K2B 7S9
GEN

Generator No:	ON3800592	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Jul 2020	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

Waste Class:	331 I
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints

---

24 **2 of 2** **WNW/201.3** **64.9 / -1.00** **Ferguslea Properties Limited**
98 Woodridge Crescent
Ottawa ON K2B 7S9
GEN

Generator No:	ON3800592	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Jan 2021	**Phone No Admin:**	

PO Box No: ***Contam. Facility:***
Country: Canada ***MHSW Facility:***

Detail(s)

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

---

25 ***1 of 1*** ***ESE/201.9*** ***65.9 / 0.00*** ***ON*** ***BORE***

Borehole ID: 848456 ***Inclin FLG:*** No
OGF ID: 215590077 ***SP Status:*** Initial Entry
Status: Decommissioned ***Surv Elev:*** No
Type: Borehole ***Piezometer:*** No
Use: Geotechnical/Geological Investigation ***Primary Name:***
Completion Date: 03-NOV-1989 ***Municipality:***
Static Water Level: ***Lot:*** LOT 17
Primary Water Use: ***Township:*** NEPEAN
Sec. Water Use: ***Latitude DD:*** 45.34519
Total Depth m: 9.6 ***Longitude DD:*** -75.808904
Depth Ref: Ground Surface ***UTM Zone:*** 18
Depth Elev: ***Easting:*** 436630
Drill Method: Hollow stem auger ***Northing:*** 5021616
Orig Ground Elev m: 66.2 ***Location Accuracy:***
Elev Reliabil Note: ***Accuracy:*** Within 10 metres
DEM Ground Elev m: 66.3
Concession: CON 2 ON OTTAWA RIVER
Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 6561019 ***Mat Consistency:***
Top Depth: 0 ***Material Moisture:***
Bottom Depth: 1.4 ***Material Texture:***
Material Color: Brown ***Non Geo Mat Type:***
Material 1: Fill ***Geologic Formation:***
Material 2: Sand - Gravel ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: SAND AND GRAVEL (FILL), BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 6561022 ***Mat Consistency:*** Soft
Top Depth: 4.4 ***Material Moisture:***
Bottom Depth: 6.3 ***Material Texture:***
Material Color: ***Non Geo Mat Type:***
Material 1: Silt ***Geologic Formation:***
Material 2: Clay ***Geologic Group:***
Material 3: Sand ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: CLAYEY SILT WITH INTERBEDDED SANDY SILT, SOFT TO FIRM **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 6561020 ***Mat Consistency:*** Soft
Top Depth: 1.4 ***Material Moisture:***

Bottom Depth:	3.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	clay silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: GREY, SILTY CLAY TO CLAYEY SILT, SOFT TO STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561021	**Mat Consistency:**	Compact
Top Depth:	3.7	**Material Moisture:**	
Bottom Depth:	4.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SILTY SAND, COMPACT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561023	**Mat Consistency:**	Loose
Top Depth:	6.3	**Material Moisture:**	
Bottom Depth:	9.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SILTY SAND TO SAND, TRACE TO SOME GRAVEL, LOOSE TO COMPACT **Note: Many records provided by the department have a truncated [Stratum Description] field.

---

26 | **1 of 1** | **N/205.1** | **66.9 / 1.00** | **CONSUMERS' GAS CO. LTD., THE**
91 WOODRIDGE CRESCENT NATURAL GAS PIPELINE
OTTAWA CITY ON K2B 7T2 | **SPL**

Ref No:	160558	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	9/27/1998	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	20101
Nature of Impact:	Air Pollution	**Site Lot:**	
Receiving Medium:	AIR	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	F/D, P/D
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	9/27/1998	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	ERROR	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: CONSUMERS GAS- NAT GAS TO ATM DUE TO LINE RUPTURE AT CONST SITE.
Contaminant Qty:

27 **1 of 1** **SSW/207.8** **64.9 / -1.00** **ON** **BORE**

Borehole ID:	848255	**Inclin FLG:**	No
OGF ID:	215589886	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344141
Total Depth m:	27.5	**Longitude DD:**	-75.812067
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436381
Drill Method:	Hollow stem auger	**Northing:**	5021502
Orig Ground Elev m:	66.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 50 metres
DEM Ground Elev m:	62.7		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560404	**Mat Consistency:**	
Top Depth:	24.4	**Material Moisture:**	
Bottom Depth:	26	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Sand - Gravel - Bolders	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	HET. MIXT. OF SAND GRAVEL AND BOULDERS GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560405	**Mat Consistency:**	
Top Depth:	26	**Material Moisture:**	
Bottom Depth:	27.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK SILTY DOLOSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560401	**Mat Consistency:**	Firm
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILTY CLAY TO CLAY FIRM TO STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560402	**Mat Consistency:**	Soft

Top Depth:	3.1	**Material Moisture:**	
Bottom Depth:	7.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: CLAYEY SILT WITH INTERBEDDED SILTY SAND SOFT TO FIRM **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560403	**Mat Consistency:**	Compact
Top Depth:	7.6	**Material Moisture:**	
Bottom Depth:	24.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SAND TRACE OF SILT TRACE OF GRAVEL OCC. GRAVEL ZONES COMPACT **Note: Many records provided by the department have a truncated [Stratum Description] field.

---

28 **1 of 1** **SSW/208.7** **64.9 / -1.00** **ON** **BORE**

Borehole ID:	848245	**Inclin FLG:**	No
OGF ID:	215589876	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	07-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344185
Total Depth m:	28.7	**Longitude DD:**	-75.812272
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436365
Drill Method:	Hollow stem auger	**Northing:**	5021507
Orig Ground Elev m:	66	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	62.5		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560365	**Mat Consistency:**	Very Loose
Top Depth:	1.6	**Material Moisture:**	
Bottom Depth:	23.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: CLAYEY SILT TO SILTY SAND TO SAND TRACE TO SOME GRAVEL, VERY LOOSE TO COMPACT, BROWN TO GREY, LOOSE TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560364	**Mat Consistency:**	
Top Depth:	.8	**Material Moisture:**	

Bottom Depth:	1.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILTY SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560367	**Mat Consistency:**	
Top Depth:	27.1	**Material Moisture:**	
Bottom Depth:	28.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Dolomite	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK, SILTY DOLOSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560363	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Fill-Granular
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAYEY SILT (FILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560366	**Mat Consistency:**	Very Dense
Top Depth:	23.9	**Material Moisture:**	
Bottom Depth:	27.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Boulders	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	HET. MIXT. OF SAND, GRAVEL AND BOULDERS (GLACIAL TILL) VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

---

29 **1 of 1** **SSW/210.4** **64.9 / -1.00** **ON** **BORE**

Borehole ID:	848246	**Inclin FLG:**	No
OGF ID:	215589877	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	08-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344106
Total Depth m:	25.1	**Longitude DD:**	-75.812016
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436385
Drill Method:	Hollow stem auger	**Northing:**	5021498
Orig Ground Elev m:	65.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	63		
Concession:	CON 2 ON OTTAWA RIVER		

Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	6560370	**Mat Consistency:**	Very Dense
Top Depth:	24.3	**Material Moisture:**	
Bottom Depth:	25.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Boulders	**Depositional Gen:**	glacial

Gsc Material Description:
Stratum Description: HET. MIXTURE OF SAND, GRAVEL, & BOULDERS, VERY DENSE (GLACIAL TILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560368	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Fill-Granular
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: CLAYEY SILT TO SILT, SOFT (FILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560369	**Mat Consistency:**	Loose
Top Depth:	1.6	**Material Moisture:**	
Bottom Depth:	24.3	**Material Texture:**	
Material Color:	Brown-Grey	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SILTY SAND TO SAND, TRACE TO SOME GRAVEL, LOOSE, BROWN TO GREY, VERY LOOSE TO DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.

---

30 | ***1 of 1*** | ***SSW/211.5*** | ***64.9 / -1.00*** | ***ON*** | ***BORE***

Borehole ID:	848250	**Inclin FLG:**	No
OGF ID:	215589881	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	11-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344062
Total Depth m:	27.4	**Longitude DD:**	-75.811824
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436400
Drill Method:	Hollow stem auger	**Northing:**	5021493
Orig Ground Elev m:	65	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	62.9		
Concession:	CON 2 ON OTTAWA RIVER		

Location D:
Survey D:

Comments:

Borehole Geology Stratum

Geology Stratum ID:	6560385	***Mat Consistency:***	Very Dense
Top Depth:	23.1	***Material Moisture:***	
Bottom Depth:	26.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:	Boulders	***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	HET. MIXTURE OF SAND, GRAVEL AND BOULDERS, VERY DENSE (GLACIAL TILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560386	***Mat Consistency:***	
Top Depth:	26.3	***Material Moisture:***	
Bottom Depth:	27.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Dolomite	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK, SILTY DOLOSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560383	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	Fill-Misc
Material 1:	Fill	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Clay	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAYEY SILT (FILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560384	***Mat Consistency:***	Very Loose
Top Depth:	.6	***Material Moisture:***	
Bottom Depth:	23.1	***Material Texture:***	
Material Color:	Brown-Grey	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SILTY SAND TO SAND, TRACE OF GRAVEL OCC. SILT SEAMS, BROWN TO GREY, VERY LOOSE TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

---

31 ***1 of 1*** ***SW/214.1*** ***64.9 / -1.00*** ***ON*** ***BORE***

Borehole ID:	848278	***Inclin FLG:***	No
OGF ID:	215589908	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	22-JUL-1988	***Municipality:***	
Static Water Level:		***Lot:***	LOT 16
Primary Water Use:		***Township:***	NEPEAN
Sec. Water Use:		***Latitude DD:***	45.344272

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

Total Depth m:	12.6	**Longitude DD:**	-75.812669
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436334
Drill Method:	Hollow stem auger	**Northing:**	5021517
Orig Ground Elev m:	65.7	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	64.4		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560483	**Mat Consistency:**	Compact
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	12.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND TRACE OF SILT TRACE OF GRAVEL COMPACT TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

---

32 ***1 of 1*** ***SSW/215.1*** ***64.9 / -1.00*** ***ON*** ***BORE***

Borehole ID:	848552	**Inclin FLG:**	No
OGF ID:	215590173	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	05-AUG-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344043
Total Depth m:	2.4	**Longitude DD:**	-75.811913
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436393
Drill Method:	Hollow stem auger	**Northing:**	5021491
Orig Ground Elev m:	67.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 50 metres
DEM Ground Elev m:	63.4		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6561355	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND AND GRAVEL FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561356	**Mat Consistency:**	
Top Depth:	1.2	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Sandstone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK SANDSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

---

33 **1 of 1** **S/216.8** **64.9 / -1.00** **ON** **BORE**

Borehole ID:	848256	**Inclin FLG:**	No
OGF ID:	215589887	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	19-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.343991
Total Depth m:	29.9	**Longitude DD:**	-75.811644
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436414
Drill Method:	Hollow stem auger	**Northing:**	5021485
Orig Ground Elev m:	66	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 50 metres
DEM Ground Elev m:	63		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560406	**Mat Consistency:**	Firm
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.7	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILTY CLAY GREY FIRM **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560407	**Mat Consistency:**	Soft
Top Depth:	1.7	**Material Moisture:**	
Bottom Depth:	4.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAYEY SILT WITH INTERBEDDED SILTY SAND SOFT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560409	**Mat Consistency:**	

Top Depth:	24.8	**Material Moisture:**	
Bottom Depth:	27.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Boulders	**Depositional Gen:**	glacial
Gsc Material Description:			

Stratum Description: HET. MIXT. OF SAND GRAVEL AND BOULDERS GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560410	**Mat Consistency:**	
Top Depth:	27.3	**Material Moisture:**	
Bottom Depth:	29.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: BEDROCK, LIMESTONE AND SILTY DOLOSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560408	**Mat Consistency:**	Compact
Top Depth:	4.6	**Material Moisture:**	
Bottom Depth:	24.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SAND TRACE OF SILT TRACE TO SOME GRAVEL COMPACT TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.

---

34 **1 of 1** **SSW/222.2** **64.9 / -1.01** **ON** **BORE**

Borehole ID:	848275	**Inclin FLG:**	No
OGF ID:	215589905	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344076
Total Depth m:	19.8	**Longitude DD:**	-75.812347
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436359
Drill Method:	Hollow stem auger	**Northing:**	5021495
Orig Ground Elev m:	65.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	63.7		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560478	**Mat Consistency:**	
Top Depth:	18.7	**Material Moisture:**	
Bottom Depth:	19.8	**Material Texture:**	

Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Boulders	**Depositional Gen:**	glacial
Gsc Material Description:			

Stratum Description: HET MIXT OF SAND GRAVEL BOULDERS GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560476	**Mat Consistency:**	Stiff
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: CLAYEY SILT SOME SAND TRACE GRAVEL BROWN STIFF TO HARD OCC ZONES OF ORGANICS **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560477	**Mat Consistency:**	Loose
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	18.7	**Material Texture:**	
Material Color:	Brown-Grey	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SAND TRACE SILT TRACE GRAVEL LOOSE TO VERY DENSE BROWN GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
35	1 of 6	ENE/231.1	66.9 / 1.00	TAGGART CONSTRUCTION LTD 100 BAYSHORE DR,,OTTAWA,ON,K2B 8C1,CA ON	PINC

Incident ID:		**Pipe Material:**	
Incident No:	1423146	**Fuel Category:**	Natural Gas
Incident Reported Dt:	6/25/2014	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	Yes
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:	5076448	**Enforce Policy:**	Yes
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2014/06/25	**Regulator Location:**	
Depth:		**Method Details:**	E-mail
Customer Acct Name:	TAGGART CONSTRUCTION LTD		
Incident Address:	100 BAYSHORE DR,,OTTAWA,ON,K2B 8C1,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	100 BAYSHORE DR, NEPEAN - PIPELINE HIT - 6"		
Reported By:	Jeff Stiles - Enbridge Gas		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Excavation practices not sufficient		
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
35	2 of 6	ENE/231.1	66.9 / 1.00	Walmart Canada Corp. 10-100 Bayshore Drive Ottawa ON K2B 8C1	GEN

Generator No:	ON2683618	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Nov 2021	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	331 I
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	148 I
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	263 I
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	242 A
Waste Class Desc:	Halogenated pesticides and herbicides
Waste Class:	312 P
Waste Class Desc:	Pathological wastes
Waste Class:	261 A
Waste Class Desc:	Pharmaceuticals
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	261 L
Waste Class Desc:	Pharmaceuticals
Waste Class:	148 T
Waste Class Desc:	Misc. wastes and inorganic chemicals

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
35	3 of 6	ENE/231.1	66.9 / 1.00	Ivanhoe Cambridge Inc. 100 Bayshore Drive Ottawa ON K2B8C1	GEN

Generator No:	ON5215665	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Nov 2021	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

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

Detail(s)

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 122 L
Waste Class Desc: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 122 C
Waste Class Desc: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 213 B
Waste Class Desc: Petroleum distillates

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

---

35 ***4 of 6*** ***ENE/231.1*** ***66.9 / 1.00*** ***Bayshore Dental Partnership***
100 Bayshore Drive Second Floor
Nepean ON K2B 8C1 ***GEN***

Generator No: ON3019203
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

---

35 ***5 of 6*** ***ENE/231.1*** ***66.9 / 1.00*** ***FGL Sports Limited***
100 Bayshore Drive
Nepean ON K2B 8C1 ***GEN***

Generator No: ON6745657
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
35	6 of 6	ENE/231.1	66.9 / 1.00	MAC 12000503 100 Bayshore Drive Ottawa ON K2B8C1	GEN

Generator No:	ON5074459	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Nov 2021	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

Waste Class:	331 I
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	331 L
Waste Class Desc:	Waste compressed gases including cylinders

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
36	1 of 1	SW/232.6	64.8 / -1.03	ON	BORE

Borehole ID:	848276	**Inclin FLG:**	No
OGF ID:	215589906	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	28-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344074
Total Depth m:	23.6	**Longitude DD:**	-75.812653
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436335
Drill Method:	Boring	**Northing:**	5021495
Orig Ground Elev m:	61.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	63.8		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560481	**Mat Consistency:**	
Top Depth:	21.8	**Material Moisture:**	
Bottom Depth:	23.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK DOLOSTONE UNWEATHERED **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560479	**Mat Consistency:**	Loose
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	17.1	**Material Texture:**	
Material Color:	Brown-Grey	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	

Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND TRACE SILT TRACE GRAVEL LOOSE TO VERY DENSE BROWN GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560480	**Mat Consistency:**	
Top Depth:	17.1	**Material Moisture:**	
Bottom Depth:	21.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Boulders	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	HET MIXTURE OF SAND GRAVEL AND BOULDERS GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

---

37 | ***1 of 1*** | ***SSW/235.7*** | ***64.9 / -1.01*** | ***ON*** | ***BORE***

Borehole ID:	848244	**Inclin FLG:**	No
OGF ID:	215589875	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	14-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.343959
Total Depth m:	26.1	**Longitude DD:**	-75.812397
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436355
Drill Method:	Hollow stem auger	**Northing:**	5021482
Orig Ground Elev m:	65.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	64.9		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560358	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2	**Material Texture:**	
Material Color:	Brown-Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILTY CLAY TO CLAYEY SILT WITH SAND, SOFT, BROWN TO GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560362	**Mat Consistency:**	Very Dense
Top Depth:	22.3	**Material Moisture:**	
Bottom Depth:	26.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Boulders	**Depositional Gen:**	glacial

Gsc Material Description:
Stratum Description: HET. MIXT. OF SAND, GRAVEL AND BOULDERS (GLACIAL TILL) VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560361	**Mat Consistency:**	Loose
Top Depth:	5.5	**Material Moisture:**	
Bottom Depth:	22.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SILTY SAND TO SAND, TRACE TO SOME GRAVEL, LOOSE TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560359	**Mat Consistency:**	
Top Depth:	2	**Material Moisture:**	
Bottom Depth:	3.1	**Material Texture:**	
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:**	

Gsc Material Description:
Stratum Description: SAND WITH SOME SILT, BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560360	**Mat Consistency:**	Very Soft
Top Depth:	3.1	**Material Moisture:**	
Bottom Depth:	5.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: CLAYEY SILT WITH INTERBEDDED SANDY SILT, V. SOFT TO STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.

---

38 | ***1 of 1*** | ***SW/236.1*** | ***64.8 / -1.03*** | ***ON*** | ***BORE***

Borehole ID:	848254	**Inclin FLG:**	No
OGF ID:	215589885	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	20-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344038
Total Depth m:	26.8	**Longitude DD:**	-75.812653
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436335
Drill Method:	Hollow stem auger	**Northing:**	5021491
Orig Ground Elev m:	65.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 50 metres
DEM Ground Elev m:	64.1		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

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

Borehole Geology Stratum

Geology Stratum ID:	6560400	***Mat Consistency:***	
Top Depth:	25.3	***Material Moisture:***	
Bottom Depth:	26.8	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: BEDROCK SILTY DOLOSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560396	***Mat Consistency:***	Soft
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	3.8	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: CLAYEY SILT TO SILTY CLAY SOFT TO STIFF GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560397	***Mat Consistency:***	Very Soft
Top Depth:	3.8	***Material Moisture:***	
Bottom Depth:	9.1	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: CLAYEY SILT WITH INTERBEDDED SILTY SAND VERY SOFT TO FIRM **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560399	***Mat Consistency:***	
Top Depth:	21.3	***Material Moisture:***	
Bottom Depth:	25.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:	Boulders	***Depositional Gen:***	glacial
Gsc Material Description:			

Stratum Description: HET. MIXT. OF SAND GRAVEL AND BOULDERS GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560398	***Mat Consistency:***	Compact
Top Depth:	9.1	***Material Moisture:***	
Bottom Depth:	21.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: SAND TRACE OF SILT TRACE TO SOME GRAVEL COMPACT TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.

39	*1 of 1*	*SW/237.4*	*64.8 / -1.03*	*ON*	*BORE*

Borehole ID:	848243	**Inclin FLG:**	No
OGF ID:	215589874	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	13-NOV-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344011
Total Depth m:	27.3	**Longitude DD:**	-75.812614
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436338
Drill Method:	Hollow stem auger	**Northing:**	5021488
Orig Ground Elev m:	66	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	64.3		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560355	**Mat Consistency:**	Compact
Top Depth:	7.1	**Material Moisture:**	
Bottom Depth:	21.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILTY SAND TO SAND, TRACE GRAVEL, OCC. SILT SEAMS, COMPACT TO DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560356	**Mat Consistency:**	Dense
Top Depth:	21.6	**Material Moisture:**	
Bottom Depth:	25.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Boulders	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	HET. MIXT. OF SAND, GRAVEL AND BOULDERS (GLACIAL TILL) DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560353	**Mat Consistency:**	
Top Depth:	2.7	**Material Moisture:**	
Bottom Depth:	4	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BROWN SAND WITH SOME SILT, TRACE CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560354	**Mat Consistency:**	Very Dense
Top Depth:	4	**Material Moisture:**	
Bottom Depth:	7.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	

Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAYEY SILT WITH INTERBEDDED SANDY SILT, VERY SOFT TO FIRM **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560357	**Mat Consistency:**	
Top Depth:	25.3	**Material Moisture:**	
Bottom Depth:	27.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Dolomite	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK, SILTY DOLOSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560352	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:	Brown-Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILTY CLAY TO CLAYEY SILT WITH SAND, SOFT TO FIRM, BROWN TO GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

---

40 **1 of 1** **SSW/238.6** **64.8 / -1.08** **ON** **BORE**

Borehole ID:	848257	**Inclin FLG:**	No
OGF ID:	215589888	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	19-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.343862
Total Depth m:	27.5	**Longitude DD:**	-75.812114
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436377
Drill Method:	Hollow stem auger	**Northing:**	5021471
Orig Ground Elev m:	65.2	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 50 metres
DEM Ground Elev m:	66		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560415	**Mat Consistency:**	
Top Depth:	26.2	**Material Moisture:**	
Bottom Depth:	27.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK SILTY DOLOSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560414	**Mat Consistency:**	
Top Depth:	23.5	**Material Moisture:**	
Bottom Depth:	26.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Sand - Gravel - Bolders	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial

Gsc Material Description:
Stratum Description: HET. MIXT. OF SAND GRAVEL AND BOULDERS GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560411	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SILTY CLAY TO CLAY SOFT TO FIRM GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560412	**Mat Consistency:**	Soft
Top Depth:	2	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: CLAYEY SILT WITH INTERBEDDED SILTY SAND SOFT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6560413	**Mat Consistency:**	Loose
Top Depth:	9.1	**Material Moisture:**	
Bottom Depth:	23.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Boulders	**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SAND TRACE OF SILT TRACE TO SOME GRAVEL LOOSE TO COMPACT BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.

---

41 **1 of 1** **SSW/242.9** **65.0 / -0.85** **ON** **BORE**

Borehole ID:	848249	**Inclin FLG:**	No
OGF ID:	215589880	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	13-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.343852
Total Depth m:	27.5	**Longitude DD:**	-75.812255

Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	436366
Drill Method:	Hollow stem auger	***Northing:***	5021470
Orig Ground Elev m:	66.1	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	66		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560380	***Mat Consistency:***	Compact
Top Depth:	6.3	***Material Moisture:***	
Bottom Depth:	21.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SILTY SAND TO SAND, TRACE TO SOME GRAVEL, OCC. SILT SEAMS, COMPACT TO DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560379	***Mat Consistency:***	Soft
Top Depth:	2.5	***Material Moisture:***	
Bottom Depth:	6.3	***Material Texture:***	
Material Color:	Brown-Grey	***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAYEY SILT WITH INTERBEDDED SANDY SILT, SOFT, BROWN, GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560378	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	2.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	Fill-Granular
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Fill	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAYEY SILT TO SILTY SAND (FILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560381	***Mat Consistency:***	Dense
Top Depth:	21.3	***Material Moisture:***	
Bottom Depth:	25.8	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:	Boulders	***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	HET. MIXTURE OF SAND, GRAVEL AND BOULDERS, DENSE (GLACIAL TILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560382	***Mat Consistency:***	
Top Depth:	25.8	***Material Moisture:***	
Bottom Depth:	27.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	

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

Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Dolomite	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK SILTY DOLOSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

---

42 | **1 of 1** | **SW/243.5** | **64.9 / -1.00** | **ON** | **BORE**

Borehole ID:	848279	**Inclin FLG:**	No
OGF ID:	215589909	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.34425
Total Depth m:	21.8	**Longitude DD:**	-75.813269
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436287
Drill Method:	Hollow stem auger	**Northing:**	5021515
Orig Ground Elev m:	66.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	66		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560485	**Mat Consistency:**	Compact
Top Depth:	4.6	**Material Moisture:**	
Bottom Depth:	19.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND TRACE SILT TRACE GRAVEL COMPACT TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560486	**Mat Consistency:**	Very Dense
Top Depth:	19.8	**Material Moisture:**	
Bottom Depth:	21.8	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Boulders	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	HET MIXT OF SAND GRAVEL BOULDERS GLACIAL TILL GREY VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560484	**Mat Consistency:**	Loose
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	4.6	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	

Material 3:	Silt	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	

Gsc Material Description:

Stratum Description: MIXT OF SAND SILT AND GRAVEL FILL BROWN LOOSE TO COMPACT **Note: Many records provided by the department have a truncated [Stratum Description] field.

---

43 | **1 of 1** | **ESE/245.7** | **65.9 / 0.00** | **ON** | **BORE**

Borehole ID:	848457	**Inclin FLG:**	No
OGF ID:	215590078	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	04-NOV-1989	**Municipality:**	
Static Water Level:		**Lot:**	LOT 17
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.345239
Total Depth m:	9.6	**Longitude DD:**	-75.808279
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436679
Drill Method:	Hollow stem auger	**Northing:**	5021621
Orig Ground Elev m:	66.2	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	66.4		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6561024	**Mat Consistency:**	Compact
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.4	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand - Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:

Stratum Description: SAND AND GRAVEL, COMPACT (FILL), BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561028	**Mat Consistency:**	Loose
Top Depth:	4.4	**Material Moisture:**	
Bottom Depth:	9.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	

Gsc Material Description:

Stratum Description: SILTY SAND TO SAND, TRACE TO SOME GRAVEL, LOOSE TO COMPACT, CLAYEY SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561025	**Mat Consistency:**	Firm
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	2.9	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	clay silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: GREY, SILTY CLAY TO CLAYEY SILT, FIRM **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561027	**Mat Consistency:**	Soft
Top Depth:	3.7	**Material Moisture:**	
Bottom Depth:	4.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: CLAYEY SILT WITH INTERBEDDED SANDY SILT LAYERS, SOFT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561026	**Mat Consistency:**	Loose
Top Depth:	2.9	**Material Moisture:**	
Bottom Depth:	3.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SILTY SAND, LOOSE **Note: Many records provided by the department have a truncated [Stratum Description] field.

---

44 **1 of 1** **SW/247.5** **65.2 / -0.67** **ON** **BORE**

Borehole ID:	848277	**Inclin FLG:**	No
OGF ID:	215589907	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	22-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 16
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.344125
Total Depth m:	21.8	**Longitude DD:**	-75.813126
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	436298
Drill Method:	Hollow stem auger	**Northing:**	5021501
Orig Ground Elev m:	62	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	65.4		
Concession:	CON 2 ON OTTAWA RIVER		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560482	**Mat Consistency:**	Loose
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	21.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SAND TRACE OF SILT GREY OCC ZONES OF SILTY SAND LOOSE TO VERY DENSE SOME GRAVEL **Note:

Many records provided by the department have a truncated [Stratum Description] field.

Unplottable Summary

Total: 34 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	MINTO CONSTRUCTION LTD. GRAHAM CREEK APT	EASEMENT WOODRIDGE CRESCENT	NEPEAN CITY ON	
CA	MINTO CONSTRUCTION LTD.	WOODRIDGE CRT.GRAHAM CREEK APT	NEPEAN CITY ON	
CA	Taggart Construction Limited	Mobile Facility	Ottawa ON	
CA	Advanced Business Interiors Inc.	Part of Lots 15 and 16, Registered Plan No. 31	Ottawa ON	
CONV	Taggart Construction Limited		Ottawa ON	
EBR	Taggart Construction Limited	Mobile Facility Ottawa Ontario Ottawa	ON	
ECA	Taggart Construction Limited	Mobile Facility	Ottawa ON	K1V 8Y3
ECA	WAL-MART CANADA CORP/LA COMPAGNIE WAL-MART DU CANADA		ON	
ECA	WAL-MART CANADA CORP/LA COMPAGNIE WAL-MART DU CANADA		ON	
EHS		Hwy 417	Ottawa ON	
GEN	R.W Tomlinson	LRT Central Site Hwy 417 Widening	ottawa ON	K1G 3N4
GEN	R.W Tomlinson	LRT Central Site Hwy 417 Widening	ottawa ON	K1G 3N4
SPL	City of Ottawa	Woodridge Cres.	Ottawa ON	
SPL	CONSOLIDATED FREIGHTWAYS	ALONG THE 417 TRANSPORT TRUCK (CARGO)	OTTAWA CITY ON	
SPL	City of Ottawa	Highway 417	Ottawa ON	
SPL	City of Ottawa	Transitway	Ottawa ON	
SPL	TRANSPORT TRUCK	HWY 16 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	

SPL	Taggart Construction Limited		Ottawa ON
SPL	TRANSPORT TRUCK	HWY. 417 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA ON
SPL	TRANSPORT TRUCK	HWY 417 AT MILE MARKER 5, EASTBOUND MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
WWIS		con 2	ON
WWIS		lot 16 con 2	ON
WWIS		lot 16 con 2	ON
WWIS		lot 16	ON
WWIS		lot 16	ON
WWIS		lot 17	ON
WWIS		lot 17	ON
WWIS		con 2	ON
WWIS		con 2	ON
WWIS		con 2	ON
WWIS		lot 16	ON
WWIS		con 2	ON
WWIS		con 2	ON
WWIS		HWY 417 WEST	Ottawa ON

Unplottable Report

Site: ***MINTO CONSTRUCTION LTD. GRAHAM CREEK APT***
EASEMENT WOODRIDGE CRESCENT NEPEAN CITY ON

Database: ***CA***

Certificate #:	3-1603-86-
Application Year:	86
Issue Date:	10/8/1986
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***MINTO CONSTRUCTION LTD.***
WOODRIDGE CRT.GRAHAM CREEK APT NEPEAN CITY ON

Database: ***CA***

Certificate #:	7-1264-86-
Application Year:	86
Issue Date:	10/8/1986
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Taggart Construction Limited***
Mobile Facility Ottawa ON

Database: ***CA***

Certificate #:	0636-7KEL2F
Application Year:	2008
Issue Date:	11/19/2008
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Advanced Business Interiors Inc.***
Part of Lots 15 and 16, Registered Plan No. 31 Ottawa ON

Database: ***CA***

Certificate #:	7495-5M9KVG
Application Year:	2003

Issue Date: 5/9/2003
Approval Type: Air
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Taggart Construction Limited***
Ottawa ON

Database: ***CONV***

File No: 012802
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Location:
Region:
Ministry District:
Description: Taggart Construction Limited, Paterson Group Inc. and Robert Passmore have been fined $5,000 each, totalling $15,000 plus a victim fine surcharge, after pleading guilty on January 15, 2009 to violations under the Ontario Water Resources Act. Taggart Construction Limited and Paterson Group Inc. were convicted of failing to comply with a Provincial Officer Order by taking more than 50,000 litres of water per day, and Mr. Passmore was convicted of giving false or misleading information to the ministry. The parties were given six months to pay the fine. The Court heard that Taggart Construction Limited was contracted by a developer to install municipal services at a subdivision in Ottawa which required dewatering activities. After being issued a Provincial Officer Order to restrict water taking activities to below 50,000 litres per day until a permit had been obtained, Taggart hired Paterson Group Inc. to submit an application for the permit. Taggart then pumped over 50,000 litres of water based on information provided by Paterson Group employee, Mr. Passmore, that the go ahead to pump had been given when a permit had yet to be issued. In an interview with ministry investigators, Mr. Passmore denied giving Taggart verbal approval to pump in excess of 50,000 litres per day. Taggart Construction Limited, Paterson Group Inc. and Mr. Passmore were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch.
Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section:
Act/Regulation/Section: OWRA
Date of Offence:
Date of Conviction:
Date Charged: January 15, 2009
Charge Disposition: fine, victim fine surcharge
Fine: $5,000
Synopsis:

Site: ***Taggart Construction Limited***
Mobile Facility Ottawa Ontario Ottawa ON

Database: ***EBR***

EBR Registry No: IA07E0165
Ministry Ref No: 8556-6XWUA3
Notice Type: Instrument Decision
Notice Stage:
Notice Date: December 09, 2008
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:

Proposal Date: January 30, 2007 ***Site Location Map:***
Year: 2007
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: Taggart Construction Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 3187 Albion Rd S, Ottawa Ontario, K1V 8Y3
Comment Period:
URL:

Site Location Details:

Mobile Facility Ottawa Ontario Ottawa

Site: ***Taggart Construction Limited*** ***Database:***
Mobile Facility Ottawa ON K1V 8Y3 ***ECA***

Approval No: 0636-7KEL2F ***MOE District:***
Approval Date: 2008-11-19 ***City:***
Status: Approved ***Longitude:***
Record Type: ECA ***Latitude:***
Link Source: IDS ***Geometry X:***
SWP Area Name: ***Geometry Y:***
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Taggart Construction Limited
Address: Mobile Facility
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8556-6XWUA3-14.pdf
PDF Site Location:

Site: ***WAL-MART CANADA CORP/LA COMPAGNIE WAL-MART DU CANADA*** ***Database:***
ON ***ECA***

Approval No: R-003-4538650974 ***MOE District:***
Approval Date: 2015-11-12 ***City:***
Status: Registered ***Longitude:***
Record Type: ***Latitude:***
Link Source: ***Geometry X:***
SWP Area Name: ***Geometry Y:***
Approval Type:
Project Type: Heating System
Business Name: WAL-MART CANADA CORP/LA COMPAGNIE WAL-MART DU CANADA
Address: 450 TERMINAL OTTAWA
Full Address:
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2017799
PDF Site Location:

Site: ***WAL-MART CANADA CORP/LA COMPAGNIE WAL-MART DU CANADA*** ***Database:***
ON ***ECA***

Approval No: R-003-3534187580 ***MOE District:***
Approval Date: 2015-10-26 ***City:***
Status: Registered ***Longitude:***
Record Type: ***Latitude:***
Link Source: ***Geometry X:***
SWP Area Name: ***Geometry Y:***
Approval Type:
Project Type: Heating System
Business Name: WAL-MART CANADA CORP/LA COMPAGNIE WAL-MART DU CANADA
Address: 2277 RIVERSIDE OTTAWA

Full Address:
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2017482
PDF Site Location:

Site: ***Database:*** ***EHS***
Hwy 417 Ottawa ON

Order No:	20120509053	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	5/16/2012	***Search Radius (km):***	0.25
Date Received:	5/9/2012	***X:***	-75.670099
Previous Site Name:		***Y:***	1
Lot/Building Size:			
Additional Info Ordered:			

Site: ***R.W Tomlinson*** ***Database:*** ***GEN***
LRT Central Site Hwy 417 Widening ottawa ON K1G 3N4

Generator No:	ON9834153	***Status:***	
SIC Code:	237310	***Co Admin:***	mark peralta
SIC Description:	HIGHWAY, STREET AND BRIDGE CONSTRUCTION	***Choice of Contact:***	CO_OFFICIAL
Approval Years:	2015	***Phone No Admin:***	6138221867 Ext.
PO Box No:		***Contam. Facility:***	No
Country:	Canada	***MHSW Facility:***	No

Detail(s)

Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

Site: ***R.W Tomlinson*** ***Database:*** ***GEN***
LRT Central Site Hwy 417 Widening ottawa ON K1G 3N4

Generator No:	ON9834153	***Status:***	
SIC Code:	237310	***Co Admin:***	mark peralta
SIC Description:	HIGHWAY, STREET AND BRIDGE CONSTRUCTION	***Choice of Contact:***	CO_OFFICIAL
Approval Years:	2014	***Phone No Admin:***	6138221867 Ext.
PO Box No:		***Contam. Facility:***	No
Country:	Canada	***MHSW Facility:***	No

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

Site: ***City of Ottawa*** ***Database:*** ***SPL***
Woodridge Cres. Ottawa ON

Ref No:	7851-7Q2LDH	***Discharger Report:***	

Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Pipe Or Hose Leak	***Sector Type:***	Other Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	GLYCOL/WATER SOLUTION	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	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:	3/11/2009	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	Bayshore Transit Station<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	City of Ottawa bus-10 L glycol to parking lot & c/b		
Contaminant Qty:	10 L		

Site: ***CONSOLIDATED FREIGHTWAYS***
ALONG THE 417 TRANSPORT TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No:	35498	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	5/29/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	CANUTEC,OPP
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/30/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	MATERIAL FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CONSOLIDATED FREIGHT-15 LGLUE TO HIGHWAY BETWEEN MONTREAL AND OTTAWA		
Contaminant Qty:			

Site: ***City of Ottawa***
Highway 417 Ottawa ON

Database: ***SPL***

Ref No:	3043-7QMTYH	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Pipe Or Hose Leak	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	ENGINE OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	

Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Other Impact(s)	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	NA
MOE Response:		***Easting:***	NA
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/30/2009	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Primary Assessment of Incident
Incident Reason:	Unknown - Reason not determined	***Source Type:***	
Site Name:	EB Merge Lane Hwy 417 & Eagleson Road		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC Transpo: 10L engine oil to grnd on Hwy 417		
Contaminant Qty:	10 L		

Site: ***City of Ottawa Transitway Ottawa ON***

Database: ***SPL***

Ref No:	7101-5LY5CZ	***Discharger Report:***	
Site No:		***Material Group:***	Chemical
Incident Dt:	4/25/2003	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:	24	***Nearest Watercourse:***	
Contaminant Name:	ETHYLENE GLYCOL (ANTIFREEZE)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:	Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/25/2003	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spills
Incident Reason:		***Source Type:***	
Site Name:	TUNNEY'S PASTURE STATION<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Transit Bus - 5 L antifreeze to san.sewer. cleaned		
Contaminant Qty:	5 L		

Site: ***TRANSPORT TRUCK HWY 16 MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON***

Database: ***SPL***

Ref No:	76308	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	9/15/1992	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20101
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	PD,FD,MTO.
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/15/1992	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	

Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TRANSPORT TRUCK-450 L DIESEL FUEL TO HWY 16 CONTAINED,FD,PD,MTO.		
Contaminant Qty:			

Site: ***Taggart Construction Limited***
Ottawa ON

Database: ***SPL***

Ref No:	7584-BB3KRQ	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	4/4/2019	***Health/Env Conseq:***	
Year:		***Client Type:***	Corporation
Incident Cause:		***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/9/2019	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:		***Source Type:***	
Site Name:	1896 John Quinn rd, Metcalfe<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Mobile Crusher Relocation - 2019		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
HWY. 417 MOTOR VEHICLE (OPERATING FLUID) OTTAWA ON

Database: ***SPL***

Ref No:	191523	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	12/4/2000	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	TRUCK/TRAILER OVERTURN	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20107
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/4/2000	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	OTHER	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	RSR ENVIRONMENTAL:SPILL OF 50-100 L DIESEL DUE TO ROLLOVER. CONTAINED.		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
HWY 417 AT MILE MARKER 5, EASTBOUND MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No:	233267	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/25/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	OPP,MTO
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20107
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/25/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BELFAST FRUIT INC. MVA PUT TRUCK IN DITCH. DIE-SEL FROM SADDLE TANKS.		
Contaminant Qty:			

Site:
con 2 ON

Database: ***WWIS***

Well ID:	1529560	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	8/12/1997
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6844
Casing Material:		***Form Version:***	1
Audit No:	169523	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	OF
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:	10051095	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06-Mar-1997 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931073139
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931073138
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Mat2 Desc: SANDY
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114572
Layer: 1
Plug From: 0
Plug To: 3
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114573
Layer: 2
Plug From: 3
Plug To: 5
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114574
Layer: 3
Plug From: 5
Plug To: 12
Plug Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 961529560
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10599665
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089190
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 12
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326719
Layer: 1
Slot: 010
Screen Top Depth: 8
Screen End Depth: 13
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

Water ID: 933489562
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 8.0
Water Found Depth UOM: ft

Site:
lot 16 con 2 ON

Database: ***WWIS***

Well ID: 1520450
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Recharge Well
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src: 1
Date Received: 3/3/1986
Selected Flag: True
Abandonment Rec:
Contractor: 3142
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: 15000
Site Info:
Lot: 016
Concession: 02
Concession Name:
Easting NAD83:

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

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042293
DP2BR: 31.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12-Feb-1986 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931044800
Layer: 3
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 31.0
Formation End Depth: 74.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931044798
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931044799
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND

Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 9.0
Formation End Depth: 31.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520450
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590863
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073808
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 32
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930073809
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 74
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520450
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 25.0
Recommended Pump Depth: 30.0
Pumping Rate: 40.0
Flowing Rate:
Recommended Pump Rate: 7.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934648951
Test Type:
Test Duration: 45
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906031
Test Type:
Test Duration: 60
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111942
Test Type:
Test Duration: 15
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386807
Test Type:
Test Duration: 30
Test Level: 25.0
Test Level UOM: ft

Water Details

Water ID: 933477695
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 72.0
Water Found Depth UOM: ft

Water Details

Water ID: 933477694
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48.0
Water Found Depth UOM: ft

Site:
lot 16 con 2 ON

Database: ***WWIS***

Well ID: 1520451
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):

Data Entry Status:
Data Src: 1
Date Received: 3/3/1986
Selected Flag: True
Abandonment Rec:
Contractor: 3142
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: 15000

Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Site Info:
Lot: 016
Concession: 02
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042294
DP2BR: 30.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 15-Feb-1986 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931044802
Layer: 2
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 63.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931044801
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520451

Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590864
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073811
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930073810
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 30
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520451
Pump Set At:
Static Level: 14.0
Final Level After Pumping: 22.0
Recommended Pump Depth: 30.0
Pumping Rate: 40.0
Flowing Rate:
Recommended Pump Rate: 7.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934386808
Test Type:
Test Duration: 30
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111943

Test Type:
Test Duration: 15
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906032
Test Type:
Test Duration: 60
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648952
Test Type:
Test Duration: 45
Test Level: 22.0
Test Level UOM: ft

Water Details

Water ID: 933477696
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 61.0
Water Found Depth UOM: ft

Site:
lot 16 ON

Database: ***WWIS***

Well ID: 1523692
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 49876
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/3/1989
Selected Flag: True
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 016
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045466
DP2BR: 78.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 29-May-1989 00:00:00
Remarks:
Elevrc Desc:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931055452
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055454
Layer: 3
Color: 2
General Color: GREY
Mat1: 26
Most Common Material: ROCK
Mat2: 71
Mat2 Desc: FRACTURED
Mat3:
Mat3 Desc:
Formation Top Depth: 78.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055453
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 65.0
Formation End Depth: 78.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523692
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594036
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079559
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 90
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079558
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 80
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523692
Pump Set At:
Static Level: 0.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 30.0
Pumping Rate: 50.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934390277
Test Type:
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106050
Test Type:
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908461
Test Type:
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651255
Test Type:
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933482052
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 86.0
Water Found Depth UOM: ft

Site:
lot 16 ON

Database:
WWIS

Well ID: 1523918
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 68224
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/10/1989
Selected Flag: True
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 016
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045690
DP2BR: 121.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 08-Sep-1989 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931056210
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Mat2 Desc: FRACTURED
Mat3:
Mat3 Desc:
Formation Top Depth: 121.0
Formation End Depth: 126.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931056206
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931056207
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 89.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931056209
Layer: 4
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 116.0
Formation End Depth: 121.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931056208
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 89.0
Formation End Depth: 116.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523918
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10594260
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079964
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 121
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523918
Pump Set At:
Static Level: 13.0
Final Level After Pumping: 29.0
Recommended Pump Depth: 100.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID:	934106674
Test Type:	Draw Down
Test Duration:	15
Test Level:	29.0
Test Level UOM:	ft

Water Details

Water ID:	933482361
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	124.0
Water Found Depth UOM:	ft

Site:
lot 17 ON

Database:
WWIS

Well ID:	1525050	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/29/1990
Sec. Water Use:	Cooling And A/C	***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	74627	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	017
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:	10046792	***Elevation:***	
DP2BR:	72.00	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	24-Aug-1990 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931059904
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15

Most Common Material: LIMESTONE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 72.0
Formation End Depth: 130.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059901
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059900
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059903
Layer: 4
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 62.0
Formation End Depth: 72.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059902
Layer: 3
Color: 3

General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 43.0
Formation End Depth: 62.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111011
Layer: 1
Plug From: 6
Plug To: 30
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525050
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10595362
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081949
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 74
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525050
Pump Set At:
Static Level: 24.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 120.0
Pumping Rate: 24.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID:	934111059
Test Type:	Draw Down
Test Duration:	15
Test Level:	34.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934904620
Test Type:	Draw Down
Test Duration:	60
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934655826
Test Type:	Draw Down
Test Duration:	45
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934386466
Test Type:	Draw Down
Test Duration:	30
Test Level:	49.0
Test Level UOM:	ft

Site:
lot 17 ON

Database:
WWIS

Well ID:	1525217	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/10/1990
Sec. Water Use:	Cooling And A/C	***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	91530	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	017
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:	10046958	***Elevation:***	
DP2BR:	68.00	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9

Date Completed: 26-Oct-1990 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931060481
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 61.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060482
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 61.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060483
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 68.0
Formation End Depth: 130.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060480
Layer: 1
Color: 2

General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 01
Mat2 Desc: FILL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111130
Layer: 1
Plug From: 8
Plug To: 26
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525217
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10595528
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082226
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 71
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525217
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 21.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID:	933484124
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	86.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933484125
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	124.0
Water Found Depth UOM:	ft

Site:
con 2 ON

Database:
WWIS

Well ID:	1529331	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	2/14/1997
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6844
Casing Material:		***Form Version:***	1
Audit No:	169510	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	OF
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:	10050867	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	18-Dec-1996 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931072414
Layer:	1
Color:	6

General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 02
Mat2 Desc: TOPSOIL
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931072415
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114304
Layer: 1
Plug From: 0
Plug To: 5
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114305
Layer: 2
Plug From: 5
Plug To: 19
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529331
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10599437
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088796
Layer: 1

Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 19
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326679
Layer: 1
Slot: 010
Screen Top Depth: 9
Screen End Depth: 19
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

Water ID: 933489270
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 9.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database: ***WWIS***

Well ID: 1529332
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 169509
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/14/1997
Selected Flag: True
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050868
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 18-Dec-1996 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931072416
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 02
Mat2 Desc: TOPSOIL
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931072417
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114307
Layer: 2
Plug From: 3
Plug To: 15
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114306
Layer: 1
Plug From: 0
Plug To: 3
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529332
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10599438
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088797
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 15
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326680
Layer: 1
Slot: 010
Screen Top Depth: 5
Screen End Depth: 15
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

Water ID: 933489271
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 10.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database: ***WWIS***

Well ID: 1529333
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 169508
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/14/1997
Selected Flag: True
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050869
Elevation:

DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 18-Dec-1996 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931072418
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931072419
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114308
Layer: 1
Plug From: 0
Plug To: 5
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114310
Layer: 3
Plug From: 7
Plug To: 18
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114309
Layer:	2
Plug From:	5
Plug To:	7
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961529333
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10599439
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930088798
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	18
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326681
Layer:	1
Slot:	010
Screen Top Depth:	8
Screen End Depth:	18
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Water Details

Water ID:	933489272
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	15.0
Water Found Depth UOM:	ft

Site:
lot 16 ON

Database: ***WWIS***

Well ID:	1529409	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/23/1997

Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 120031
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Selected Flag: True
Abandonment Rec:
Contractor: 6629
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 016
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050945
DP2BR: 10.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 05-Apr-1997 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931072647
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 12
Mat2 Desc: STONES
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931072648
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 2.0

Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931072649
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Mat2 Desc: SANDSTONE
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 10.0
Formation End Depth: 102.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114422
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529409
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10599515
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088913
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 103
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930088912
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 6

Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991529409
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 100.0
Recommended Pump Depth: 100.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934115606
Test Type:
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390575
Test Type:
Test Duration: 30
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934659185
Test Type:
Test Duration: 45
Test Level: 4.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908695
Test Type:
Test Duration: 60
Test Level: 4.0
Test Level UOM: ft

Water Details

Water ID: 933489368
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 90.0
Water Found Depth UOM: ft

Water Details

Water ID:	933489367
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

Site:
con 2 ON

Database:
WWIS

Well ID:	1529561	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	8/12/1997
Sec. Water Use:	Municipal	***Selected Flag:***	True
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6844
Casing Material:		***Form Version:***	1
Audit No:	169526	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	OF
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:	10051096	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05-Feb-1997 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931073140
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Mat2 Desc:	SANDY
Mat3:	01
Mat3 Desc:	FILL
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931073141
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114577
Layer: 3
Plug From: 4
Plug To: 15
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114576
Layer: 2
Plug From: 2
Plug To: 4
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114575
Layer: 1
Plug From: 0
Plug To: 2
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529561
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10599666
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089191
Layer: 1
Material: 5
Open Hole or Material: PLASTIC

Depth From:
Depth To: 15
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326720
Layer: 1
Slot: 010
Screen Top Depth: 5
Screen End Depth: 15
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

Water ID: 933489563
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 8.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database: ***WWIS***

Well ID: 1529562
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 169530
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/12/1997
Selected Flag: True
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051097
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 04-Feb-1997 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931073143
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931073142
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	34
Most Common Material:	TILL
Mat2:	81
Mat2 Desc:	SANDY
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114580
Layer:	3
Plug From:	3
Plug To:	10
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114579
Layer:	2
Plug From:	1
Plug To:	3
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114578
Layer:	1
Plug From:	0
Plug To:	1
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 961529562
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10599667
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089192
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 10
Casing Diameter: 1
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326721
Layer: 1
Slot: 010
Screen Top Depth: 5
Screen End Depth: 10
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1

Water Details

Water ID: 933489564
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 8.0
Water Found Depth UOM: ft

Site:
HWY 417 WEST Ottawa ON

Database: ***WWIS***

Well ID: 7290688
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z261473
Tag: A228339
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Data Entry Status:
Data Src:
Date Received: 7/19/2017
Selected Flag: True
Abandonment Rec:
Contractor: 7579
Form Version: 7
Owner:
Street Name: HWY 417 WEST
County:
Municipality:
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1006636095
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04-Jul-2017 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006753722
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006753723
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006753724
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 42.0
Formation End Depth: 72.5
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006753731
Layer: 1
Plug From: 0
Plug To: 72.5
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006753730
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006753721
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1006753728
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1006753726
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006753725
Diameter: 3.630000114440918
Depth From: 0.0
Depth To: 72.5
Hole Depth UOM: ft
Hole Diameter UOM: inch

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 Nov 2021

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-Sep 30, 2021

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 2019

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: May 31, 2021

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Sep 30, 2021

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 -Nov 2021

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-Jul 2021

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 - Dec 31, 2021

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 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: May 31, 2021

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- Nov 30, 2021

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 - Dec 31, 2021

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- Nov 30, 2021

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-Nov 30, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

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: May 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Nov 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: May 31, 2021

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-Nov 30, 2021

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 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: May 31, 2021

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: 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 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-Dec 2020

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2019

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, 2021

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-Nov 30, 2021

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-Jan 2021

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 - Dec 31, 2021

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: Oct 2011- Nov 30, 2021

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: May 31, 2021

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 - Dec 31, 2021

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: 1986-1990, 1992-2019

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Dec 2021

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-Sep 30, 2021

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

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Sep 2020

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, 2018

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 - Dec 2020

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: May 31, 2021

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- Nov 30, 2021

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: Apr 30, 2021

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix F: Aerial Photographs

EXP Services Inc.
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Dr, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY•

N

0 40 80 120 160 200 m

TITLE AND LOCATION:

1958 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
90 Woodridge Crescent
Ottawa, Ontario

PROJECT No.: OTT-00201554-G0	DWN: HY
SCALE: AS NOTED	CHKD: MM
DATE: FEBRUARY 2022	FIG. No.: F1

EXP Services Inc.
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Dr, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY•

N

0 40 80 120 160 200 m

TITLE AND LOCATION:

1965 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
90 Woodridge Crescent
Ottawa, Ontario

PROJECT No.: OTT-00201554-G0	DWN: HY
SCALE: AS NOTED	CHKD: MM
DATE: FEBRUARY 2022	FIG. No.: F2

EXP Services Inc.
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Dr, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

N

0 40 80 120 160 200 m

TITLE AND LOCATION:

1976 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
90 Woodridge Crescent
Ottawa, Ontario

PROJECT No.:	DWN:
OTT-00201554-G0	HY
SCALE:	CHKD:
AS NOTED	MM
DATE:	FIG. No.:
FEBRUARY 2022	F3

EXP Services Inc.
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Dr, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY•

N

0 40 80 120 160 200 m

TITLE AND LOCATION:

1999 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
90 Woodridge Crescent
Ottawa, Ontario

PROJECT No.:	DWN:
OTT-00201554-G0	HY
SCALE:	CHKD:
AS NOTED	MM
DATE:	FIG. No.:
FEBRUARY 2022	F4

EXP Services Inc.
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Dr, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY•

N

0 40 80 120 160 200 m

TITLE AND LOCATION:

2005 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
90 Woodridge Crescent
Ottawa, Ontario

PROJECT No.:	DWN:
OTT-00201554-G0	HY
SCALE:	CHKD:
AS NOTED	MM
DATE:	FIG. No.:
FEBRUARY 2022	F5

EXP Services Inc.
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Dr, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com

•BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY•

N

0 40 80 120 160 200 m

TITLE AND LOCATION:

2019 AERIAL PHOTOGRAPH
Phase One Environmental Site Assessment
90 Woodridge Crescent
Ottawa, Ontario

PROJECT No.:	DWN:
OTT-00201554-G0	HY
SCALE:	CHKD:
AS NOTED	MM
DATE:	FIG. No.:
FEBRUARY 2022	F6

Appendix G: Site Photographs

Photograph No. 1

West part of the south hal of the Phase One property.

Photograph No. 2

South half of the Phase One property looking east.

Photograph No. 3

View of the windshield washer fluid tote.

Photograph No. 4

Highway 417 divider and on-ramp south of the Phase One property.

Photograph No. 5

OC Transpo bus station east of the Phase One property.

Photograph No. 6

North part of the Phase One property which remains vacant.

Photograph No. 7

Parking lot and the Fairview building west of the Phase One property.