



FINAL

Phase One Environmental Site Assessment

Heron Gate 5
Ottawa, Ontario

Prepared for:

Hazelview Developments Inc.

1133 Yonge Street, 4th Floor
Toronto, ON M4T 2Y7

September 15, 2021

Pinchin File: 288344



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APPENDICES

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1.0 EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained by Hazelview Developments Inc. (Client) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the property located at Heron Gate 5 in Ottawa, Ontario (hereafter referred to as the Site or Phase One Property). The Phase One Property is presently developed with two multi-tenant residential buildings (Site Buildings A and B); a fourteen-storey multi-tenant residential building on the southwest portion of the Phase One Property which possesses the municipal address of 2851 Baycrest Drive, and a nineteen-storey multi-tenant residential building on the south portion of the Phase One Property which possesses the municipal address of 2861 Baycrest Drive. The remaining portions of the Phase One Property consist of vacant undeveloped land, with the exception of an in-ground swimming pool and four pool-related outbuildings located on the central portion of the Phase One Property.

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 274/20 on July 1, 2020 (O. Reg. 153/04). The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property.

This Phase One ESA was conducted at the request of the Client for the purpose of filing a Site Plan Approval with the City of Ottawa.

The scope of work for this Phase One ESA was consistent with O. Reg. 153/04 and was comprised of the following:

- **A Records Review:** Reviewed available current and historical information sources pertaining to the Phase One Property and Phase One Study Area including the use of, but not limited to, aerial photographs, city directories, historical environmental assessments relevant to the Phase One Property and a regulatory database search. Regulatory agencies were also contacted to identify if any records of environmental non-compliance or other information associated with the environmental condition of the Phase One Property exists, including searches of Ministry of the Environment, Conservation and Parks (MECP) and Technical Standards and Safety Authority (TSSA) records;
- **Interviews:** Conducted interviews with Site Representatives (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;



- Site Reconnaissance: Completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publicly-accessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of potentially contaminating activities (PCAs);
- Evaluation: Evaluated the information gathered from the records review, interviews and Site reconnaissance;
- Reporting: Prepared a Phase One ESA report; and
- Submission: Submitted the Phase One ESA report to the Client.

The Phase One Property consists of Block C, Registered Plan 796 in the City of Ottawa, situated at the municipal addresses of 2821-2837, 2851 and 2861 Baycrest Drive, 1530-1592 Heron Road, and 2815-2879 Sandalwood Drive, which is currently owned by the Client. The Phase One Property is located on the south side of Heron Road, bounded to the east by Sandalwood Drive and to the west by Baycrest Drive.

To the best of Pinchin's knowledge, the Phase One Property consisted of vacant undeveloped/agricultural land until the construction of a barn on the east portion of the Phase One Property in the early 1960s. The barn was demolished prior to 1967 and the former garden home buildings (formerly located on the northwest, northeast and southeast portions of the Phase One Property) were constructed in approximately 1967. The construction of Site Buildings A and B followed in approximately 1972. Since construction of the Site Buildings and former garden home buildings, the Phase One Property has been utilized solely for residential purposes.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is approximately the early 1960s, with the construction of the former barn on the east portion of the Phase One Property. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs, city directories, a Property Underwriters' Report, and interviews with the Site Representatives. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

A total of five PCAs were identified within the Phase One Study Area, consisting of four PCAs at the Phase One Property and one PCA within the Phase One Study Area, outside of the Phase One Property. The on-Site PCAs do not represent areas of potential environmental concern (APECs) at the Phase One Property based on the results of previous subsurface environmental work completed at the Phase One Property (refer to Section 4.1.4), observations made during Pinchin's Site reconnaissance, the lack of spills reported by Environmental Risk Information Services for the Phase One Property, and/or the fact that and any maintenance/environmental issues related to the hydro vault would be the responsibility of



Hydro Ottawa. In addition, the off-Site PCA does not represent an APEC for the Phase One Property given the distance from the Phase One Property and the inferred groundwater flow direction. Based on these findings, nothing was identified that is likely to have resulted in impacts to the soil and/or groundwater at the Phase One Property and would require the completion of a Phase Two ESA. As such, it is Pinchin's opinion that the Phase One Property is suitable for the purpose of filing a Site Plan Approval with the City of Ottawa based only on the completion of this Phase One ESA report.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.

This report has been issued without having received responses from the MECP regarding Pinchin's Freedom of Information request or the TSSA regarding archival searches for the Phase One Property. Once responses from these regulatory bodies is received, the information will be reviewed by Pinchin and, if there is any information that represents a potential issue of environmental concern, a copy of the response will be forwarded to the Client under separate cover. Our conclusions and recommendations may be amended based on this information.



2.0 INTRODUCTION

A Phase One ESA is defined as a systematic qualitative process to determine whether a particular property is, or may be subject to, actual or potential contamination. Under the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* (EPA) and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 274/20 on July 1, 2020 (O. Reg. 153/04), the purpose of a Phase One ESA is two-fold:

- To obtain and review records that relate to the Phase One Property, and to the current and past uses of and activities at or affecting the Phase One Property, in order to determine if an area of potential environmental concern (APEC) exists and to interpret any APEC; and
- To obtain and review records that relate to properties in the Phase One Study Area, other than the Phase One Property, in order to determine if a potentially contaminating activity (PCA) exists and interpret whether any such PCA results in an APEC at the Phase One Property.

This Phase One ESA was conducted at the request of the Client for the purpose of filing a Site Plan Approval with the City of Ottawa.

A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment was during August to September 2021, which included the records review, Site reconnaissance, interviews and reporting.

2.1 Phase One Property Information

The Phase One Property consists of Block C, Registered Plan 796 in the City of Ottawa, situated at the municipal addresses of 2821-2837, 2851 and 2861 Baycrest Drive, 1530-1592 Heron Road, and 2815-2879 Sandalwood Drive, which is currently owned by the Client. The Phase One Property is located on the south side of Heron Road, bounded to the east by Sandalwood Drive and to the west by Baycrest Drive, as shown on Figure 1 (all Figures are provided in Appendix A and all appendices are provided in Section 10.0). A plan showing the Phase One Study Area for which this Phase One ESA applies to is outlined on Figure 2. PCAs identified within the Phase One Study Area are depicted on Figure 3. Photographs of the Phase One Property and surrounding properties are presented in Appendix B. A current legal survey of the Phase One Property is included in Appendix C.



Pertinent details of the Phase One Property are provided in the following table:

Detail	Source / Reference	Information
Legal Description	Legal Survey Drawing provided by the Client	Block C, Registered Plan 796, City of Ottawa
Municipal Addresses	Client	2821-2837, 2851 and 2861 Baycrest Drive, 1530-1592 Heron Road, and 2815-2879 Sandalwood Drive Ottawa, ON K1V 2T6
Parcel Identification Number (PIN)	Client	04151-0060
Current Owner	Client	Hazelview Developments Inc.
Current Occupants	Various residential tenants	Multi-tenant residential buildings
Client	Authorization to Proceed, Limitation of Liability & Terms of Engagement Form	Hazelview Developments Inc.
Client Contact Information	Authorization to Proceed, Limitation of Liability & Terms of Engagement Form	Ryan Ng c/o Hazelview Developments Inc. 1133 Yonge Street, 4 th Floor Toronto, ON M4T 2Y7
Site Area	GeoOttawa	5.7 hectares (14.0 acres)

3.0 SCOPE OF INVESTIGATION

Pinchin conducted this Phase One ESA in accordance with O. Reg. 153/04, in particular Part VII and Schedule D of O. Reg. 153/04. The Phase One ESA scope of work was comprised of the following:

- A Records Review: Pinchin reviewed available current and historical information sources pertaining to the Phase One Property and surrounding properties within the Phase One Study Area including the use of, but not limited to, aerial photographs, city directories, historical environmental assessments relevant to the Phase One Property and a regulatory database search. Regulatory agencies were also contacted to identify if any records of environmental non-compliance or other information associated with the environmental condition of the Phase One Property exist, including the Ministry of the Environment, Conservation and Parks' (MECP's) Freedom of Information (FOI) and Protection of Privacy Office and the Technical Standards and Safety Authority (TSSA);



- Interviews: Pinchin conducted interviews with Site Representatives (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;
- Site Reconnaissance: Pinchin completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publicly-accessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of significant environmental contaminants of concern;
- Evaluation: Pinchin evaluated the information gathered from the records review, interviews and Site reconnaissance;
- Reporting: Pinchin prepared a Phase One ESA report summarizing the findings of the Phase One ESA; and
- Submission: Pinchin submitted the Phase One ESA report to the Client.

4.0 RECORDS REVIEW

4.1 General

Identified on-Site and off-Site PCAs described in this and subsequent report Sections are depicted on Figure 3.

A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment was during August-September 2021, which included the records review, Site reconnaissance, interviews and reporting. A Site reconnaissance was completed on August 16, 2021, by a Pinchin representative under the direct supervision of a Qualified Person (QP). During the Site reconnaissance, Pinchin accessed all areas of the Phase One Property with the exception of the roofs of the Site Buildings. In addition, it should be noted that due to the pandemic measures in place at the time of the Site reconnaissance as specified by the Provincial and Federal governments, the Site reconnaissance was limited to common areas, mechanical rooms, vacant residential units and public spaces. Furthermore, it should also be noted that a representative for Hydro Ottawa, owner of the hydro vaults, was not present at the time of the Site reconnaissance and as such, no access to the hydro vaults was available. Pinchin did not access any areas within the surrounding Phase One Study Area with the exception of publicly-accessible roads and sidewalks. Select photographs taken during the Site reconnaissance of the Phase One Property and the surrounding properties within the Phase One Study Area are presented in Appendix B.



4.1.1 Phase One Study Area Determination

Based on a review of the available historical information and observations made during the Site reconnaissance for the properties greater than 250 metres (m), but less than 1 kilometre (km), from the Phase One Property boundary, Pinchin did not note or observe any significant potentially contaminating properties that should be included as part of this assessment (e.g., landfills, large industrial manufacturers, etc.). As such, the Phase One Study Area consisted of the Phase One Property, as well as all properties situated wholly, or partly, within 250 m from the nearest point of a boundary of the Phase One Property, in order to meet the minimum requirements set forth in O. Reg. 153/04.

4.1.2 First Developed Use Determination

The first developed land use of the Phase One Property is defined by O. Reg. 153/04 to be the earlier of:

- The first use of a Phase One Property in or after 1875 that resulted in the development of a building or structure on the property; and
- The first potentially contaminating use or activity on the Phase One Property.

A review of the aerial photographs and city directories, Property Underwriters' Reports (PURs), as well as an interview with the Site Representatives, indicated that prior to the early 1960s, the Phase One Property consisted of vacant undeveloped land. A barn was present on the east portion of the Phase One Property from the early 1960s until prior to 1967, as the former garden home buildings were developed on-Site in approximately 1967. In addition, the Phase One Property addresses were not listed within city directory listings until 1967. Furthermore, the 1972 PURs provided by Risk Management Services (RMS) indicated that the Site Buildings were fully constructed by 1972. Therefore, it is Pinchin's opinion that the first developed use of the Phase One Property was in approximately the early 1960s.

The date of the first developed use of the Phase One Property was determined through a review of an aerial photographs and city directories, PURs, as well as an interview with the Site Representatives. No other information was reviewed by Pinchin during the records review or obtained during the Site reconnaissance or interviews, which would have resulted in a different interpretation of the date of first developed use of the Phase One Property.

4.1.3 Fire Insurance Plans (FIPs)

Pinchin previously contacted RMS, the predecessor of Opta Information Intelligence (Opta), to obtain FIPs related to the Phase One Property and the Phase One Study Area. A response was received from RMS, dated June 18, 2010, which indicated that no FIPs for the Phase One Property and Phase One Study Area were available. The RMS response is provided in Appendix D.



4.1.4 Environmental Reports

The following previous environmental reports for the Phase One Property were reviewed by Pinchin:

- Report entitled *“Phase I-II Environmental Site Assessment and Phase III Site Remediation Program, Existing Heron Gate Residential Development between Heron and Walkley Roads, Ottawa, Ontario”* prepared by John D. Paterson and Associates Limited (Paterson) for Minto Developments Inc., and dated January 17, 1997 (the 1997 Paterson Phase I, II and III ESA Report);
- Report entitled *“Phase II Environmental Site Assessment, Baycrest Building Herongate Residential Development, 2851 Baycrest Drive, Ottawa, Ontario”* prepared by Trow Associates Inc. (Trow) for Otnim Properties Limited (Otnim), and dated August 2004 (the 2004 Trow Phase II ESA Report for 2851 Baycrest);
- Report entitled *“Phase II Environmental Site Assessment, Cardinal Building Herongate Residential Development, 2861 Baycrest Drive, Ottawa, Ontario”* prepared by Trow for Otnim, and dated July 2004 (the 2004 Trow Phase II ESA Report for 2861 Baycrest);
- Report entitled *“Heron Gate Residential Development Underground Storage Tank Removal and Soil Remediation, Baycrest Building, 2851 Baycrest Drive, Ottawa, Ontario”* prepared by Trow for Otnim, and dated April 2006 (the 2006 Trow Site Remediation Report for 2851 Baycrest);
- Report entitled *“Heron Gate Residential Development Underground Storage Tank Removal and Soil Remediation, Cardinal Building, 2861 Baycrest Drive, Ottawa, Ontario”* prepared by Trow for Otnim, and dated October 2005 (the 2005 Trow Site Remediation Report for 2861 Baycrest);
- Letter entitled *“Peer Review Services of Environmental Assessment and Remediation Activities by Trow Associates At Various Properties Herongate and Bayshore Residential Developments, Ottawa, Ontario”* prepared by Golder Associates Ltd. (Golder) for Otnim, and dated August 25, 2006 (the 2006 Golder Peer Review Letter);
- Report entitled *“Phase I Environmental Site Assessment Ardea, Baycrest, Cardinal, Delaware, Edgedale Buildings and Recreation Centre Heron Gate Residential Development, Ottawa, Ontario”* prepared by Trow for Otnim, and dated September 2006 (the 2006 Trow Phase I ESA Report);
- Letter entitled *“Environmental Review, Heron Gate Village, Ottawa, Ontario”* prepared by PRL Environmental Services Ltd. (PRL) for TransGlobe Property Management Services, and dated November 10, 2006 (the 2006 PRL Environmental Review Letter);



- Report entitled “*Phase I Environmental Site Assessment, Heron Gate 5 - 2851 Baycrest Drive, Ottawa, Ontario*” prepared by Pinchin for Timbercreek Asset Management Inc., and dated September 21, 2015 (the 2015 Pinchin Phase I ESA Report (2851 Baycrest));
- Report entitled “*Phase I Environmental Site Assessment, Heron Gate 5 - 2861 Baycrest Drive, Ottawa, Ontario*” prepared by Pinchin for Timbercreek Asset Management Inc., and dated September 21, 2015 (the 2015 Pinchin Phase I ESA Report (2861 Baycrest)); and
- Report entitled “*Phase I Environmental Site Assessment, Heron Gate 5 – Garden Homes, Ottawa, Ontario*” prepared by Pinchin for Timbercreek Asset Management Inc., and dated September 21, 2015 (the 2015 Pinchin Phase I ESA Report (Garden Homes)).

Pinchin reviewed the available soil and groundwater sample analytical data provided in the above-referenced reports to assess whether there are any known soil and groundwater impacts at the Phase One Property.

Given the available information on the characteristics of the Phase One Property and its current land use (i.e., residential), the applicable Site Condition Standards, as defined by the MECP in the document “*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*”, dated April 15, 2011, are:

- *Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Groundwater Condition (Table 3 Standards)* for residential property use and coarse-textured soils.

As such, the analytical data provided in the previous reports were compared with the *Table 3 Standards* to assess whether there are any known areas on the Phase One Property or in the Phase One Study Area where soil or groundwater has parameter concentrations exceeding the *Table 3 Standards*.

A summary of the salient information identified in the reports is provided below:

1997 Paterson Phase I, II and III ESA Report

The Phase I ESA completed by Paterson in January 1997 consisted of historical reviews, a review of surrounding properties, a regulatory database search, and interviews as well as an exterior assessment of the Phase One Property. It should be noted that the 1997 Patterson Phase I ESA Report was conducted at all of the residential buildings located at the Heron Gate Residential Development.

Based on the results of the Phase I ESA, Paterson recommended completing a Phase II ESA at the Phase One Property, as Site Buildings A and B were each historically equipped with a heating oil underground storage tank (UST), which were reportedly removed at the time that the heating systems were converted to natural gas.



The Paterson Phase II ESA included the advancement of four boreholes, two of which were completed as groundwater monitoring wells. Two boreholes were advanced along the south elevation of Site Building A (one of which was completed as a groundwater monitoring well), and two boreholes were advanced along the southwest elevation of Site Building B (one of which was completed as a groundwater monitoring well). The number of soil and groundwater samples submitted for laboratory analysis was not indicated.

Given the results of the Phase II ESA program, no further work was recommended at the Phase One Property by Paterson; however, it should be noted that the 1997 Paterson Phase II ESA Report did not provide laboratory analytical results for the soil and/or groundwater samples that may have been collected from the boreholes/groundwater monitoring wells advanced adjacent to the Site Buildings.

Based on Pinchin's review of the 1997 Paterson Phase II ESA Report, it was inconclusive as to whether or not soil and/or groundwater samples were collected from BH-6 and BH-9 and submitted as part of the Paterson Phase II ESA.

2004 Trow Phase II ESA Report for 2851 Baycrest

Trow completed a Phase II ESA in the vicinity of Site Building A in August 2004 in order to investigate the presence of a heating oil UST located on-Site. The scope of work consisted of the advancement of nine boreholes, six completed as groundwater monitoring wells, and the collection and analysis of soil and groundwater samples.

Nine soil samples and eight groundwater samples were submitted for laboratory analysis of benzene, toluene, ethylbenzene and xylenes (BTEX) and total petroleum hydrocarbons (TPH; gasoline/diesel and heavy oil).

The soil and groundwater quality at the Site was assessed based on the Ministry of the Environment and Climate Change (MOECC, now referred to as the MECP) Table B Standards; however, Trow indicated that since the MOECC Table B Standards did not provide criteria for TPHs, Trow assessed the TPH groundwater values to the Atlantic Partners in Risk-Based Corrective Action Implementation (PIRI) Standards, dated 1999. At the request of their client, TPH values at the Site were also assessed using the MOECC Table A (potable groundwater) Standards as a conservative measure.

Analytical results reported that the soil and groundwater samples collected from four boreholes reported concentrations of TPH (gas/diesel) that exceeded the MOECC Table A Standards; however, the concentrations did not exceed the MOECC Table B Standards.

The 2004 Trow Phase II ESA Report concluded that based on the groundwater analytical results, the former UST located adjacent to the south elevation of Site Building A had resulted in localized groundwater impacts. Although the 2004 Trow Phase II ESA Report did not identify any soil impacts above the MOECC Table B Standards, Trow indicated the potential for localized soil impacts to have



been encountered in the vicinity of the UST upon its removal. It should be noted that the new UST was placed in the same location as the former UST. Trow recommended that any contaminated soil associated with the fuel oil UST that exceeded the MOECC Table B Standards be excavated, and hydrocarbon-impacted groundwater be removed from the Site once the UST was removed.

2004 Trow Phase II ESA Report for 2861 Baycrest

Trow completed a Phase II ESA in the vicinity of Site Building B in July 2004 in order to investigate the presence of a heating oil UST located on-Site. The scope of work consisted of the advancement of twelve boreholes, four completed as groundwater monitoring wells, and the collection and analysis of soil and groundwater samples.

The soil and groundwater quality at the Site was assessed based on the MOECC Table B Standards; however, Trow indicated that since the MOECC Table B Standards did not provide criteria for TPH, Trow assessed the TPH groundwater values to the PIRI Standards, dated 1999. At the request of their client, TPH values at the Site were also assessed using the MOECC Table A (potable groundwater) Standards as a conservative measure.

Soil and groundwater samples were submitted for laboratory analysis of BTEX and TPHs (gasoline/diesel and heavy oil).

Analytical results reported concentrations that that soil samples collected from nine boreholes exceeded the MOECC Table A Standards for TPH (gas/diesel) and four soil samples exceeded the MOECC Table B Standards. In addition, one soil sample exceeded the MOECC Tables A and B Standards for measured concentrations of TPHs (heavy oil). Select groundwater samples reported concentrations of TPHs (gas/diesel and/or heavy oil) that exceeded the applicable criteria.

The 2004 Trow Phase II ESA Report determined that based on groundwater analytical results, the UST located adjacent to the southwest elevation of Site Building B had resulted in local groundwater impacts. Trow recommended that any contaminated soil associated with the heating oil UST that exceeded the MOECC Table A Standards be excavated and disposed of at a licensed landfill facility.

2006 Trow Site Remediation Report for 2851 Baycrest

The 2006 Trow Site Remediation Report for 2851 Baycrest detailed the remediation activities associated with the removal of a heating oil UST from adjacent to Site Building A.

The 27,000-L heating oil UST was located west of the front entrance pathway, along the south elevation of Site Building A. Trow indicated that the UST was situated in the same location as a former heating oil UST. The UST was purged of all contents and vapours, excavated, and removed from the Site for disposal. Approximately 602 tonnes of petroleum-impacted soil was excavated and removed from the



Site for disposal at a licensed landfill facility. In addition, approximately 9,911-L of petroleum-impacted groundwater was removed from the bottom of the tank excavation.

The soil and groundwater analytical results were compared to the MOECC Table 3 Standards as outlined in their document entitled "*Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*", dated March 2004, for residential/parkland land uses and medium-fine grained soils in a non-potable groundwater condition (hereafter referred to as the MOECC Table 3 Standards). In addition, the Table 2 (potable groundwater) Standards were also used for comparative purposes due to the potential for the off-Site migration of PHC-impacted groundwater.

A total of 13 confirmatory soil samples were collected from the excavation limits and submitted for laboratory analysis for petroleum hydrocarbons (PHCs; F1 to F4) and BTEX. One groundwater sample was collected and submitted for laboratory analysis of PHCs (F1 to F4) and BTEX. Trow concluded that the soil and groundwater samples collected from areas of the Site included in their investigation reported concentrations of targeted parameters which satisfied the applicable criteria, and that the area of the former UST had been satisfactorily remediated.

Pinchin compared the values reported in the 2006 Trow Site Remediation Report to the *Table 3 Standards*. When compared to the revised *Table 3 Standards*, soil and groundwater samples submitted satisfy the revised *Table 3 Standards*.

2005 Trow Site Remediation Report for 2861 Baycrest

The 2005 Trow Site Remediation Report for 2861 Baycrest detailed the remediation activities associated with the removal of a heating oil UST from adjacent to Site Building B.

The 24,970-L heating oil UST was located along the southwest elevation of Site Building B. Trow indicated that this present UST was situated in the same location as a former heating oil UST. The tank was purged of all contents and vapours, excavated, and removed from the Site for disposal.

Approximately 1,022 tonnes of hydrocarbon-impacted soil was excavated and removed from the Site for disposal at a licensed landfill facility. In addition, a vacuum truck was used to remove approximately 4,900-L of petroleum-impacted groundwater from the bottom of the excavation.

A total of 12 confirmatory soil samples were submitted for laboratory analysis of PHCs (F1 to F4) and BTEX.

The soil and groundwater analytical results were compared to the MOECC Table 3 Standards. In addition, the Table 2 (potable groundwater) Standards were also used for comparative purposes due to the potential for the off-Site migration of PHC-impacted groundwater.



Trow concluded that the soil and groundwater samples collected from areas of the Site included in their investigation reported concentrations of targeted parameters which satisfied the applicable criteria; and that the area of the former UST had been satisfactorily remediated.

Pinchin compared the values reported in the 2005 Trow Site Remediation Report to the revised *Table 3 Standards*. When compared to the revised *Table 3 Standards*, soil and groundwater samples submitted satisfy the revised *Table 3 Standards*.

2006 Golder Peer Review Letter

The peer review included infrequent field visits during the Site assessment and remediation work, and a review of the 2004 Trow Phase II ESA Reports and the 2006 Trow Site Remediation Reports.

Golder concluded that no additional remedial work was warranted for the Site.

2006 Trow Phase I ESA Report

The 2006 Trow Phase I ESA Report presented their findings in general accordance with the CSA document entitled "*Phase I Environmental Site Assessment*" (CSA Document Z768-01) dated November 2001, including a review of readily available historical records and reasonably ascertainable regulatory information, a Site reconnaissance, a review of previous environmental reports, interviews, an evaluation of information and reporting.

The results of the 2006 Trow Phase I ESA Report indicated that there were no significant potential environmental concerns associated with the current use of the Phase One Property and adjacent properties and as such, no further work was recommended for the Phase One Property.

2006 PRL Environmental Review Letter

The Environmental Review completed by PRL in November 2006 consisted of a review of the previous reports completed for the 'Heron Gate Residential Development'. In addition, PRL conducted an exterior assessment of the Site.

Based on the results of the 2006 PRL Environmental Review Letter, PRL concluded that no further work was recommended for the Site. However, PRL recommended that the groundwater monitoring wells observed on-Site should be decommissioned if they were not to be utilized in the future.

2015 Pinchin Phase I ESA Report (2851 Baycrest), 2015 Pinchin Phase I ESA Report (2861 Baycrest) and 2015 Pinchin Phase I ESA Report (Garden Homes)

These Phase I ESA Reports presented their findings in general accordance with the CSA document entitled "*Phase I Environmental Site Assessment*" (CSA Document Z768-01) dated November 2001, including a review of readily available historical records and reasonably ascertainable regulatory



information, a Site reconnaissance, a review of previous environmental reports, interviews, an evaluation of information and reporting.

The results of these Phase I ESA Reports indicated that there were no significant potential environmental concerns associated with the current use of the Phase One Property and adjacent properties and as such, no further work was recommended for the Phase One Property.

4.1.4.1 Previous Environmental Report Summary

Based on Pinchin's review of the above-referenced previous environmental reports, the following PCAs were identified within the Phase One Study Area that are considered to result in APECs at the Phase One Property:

- Two consecutive former heating oil USTs were located adjacent to the south elevation of Site Building A;
- Two consecutive former heating oil USTs were located adjacent to the southwest elevation of Site Building B;
- A hydro vault was located within Site Building A; and
- A hydro vault was located within Site Building B.

No PCAs were identified in the reviewed reports within the Phase One Study Area that are considered to result in APECs at the Phase One Property.

4.2 Environmental Source Information

Pinchin reviewed the historical use of the Phase One Study Area through the use of publicly available archives and databases, as well as through requesting information from regulatory agencies. The following provides a summary of the information obtained from these sources.

4.2.1 Environmental Database Search – ERIS

Pinchin retained Environmental Risk Information Services (ERIS) to search all available federal, provincial and private source databases for information pertaining to the Phase One Study Area. Unless otherwise noted, information obtained from the ERIS database search was reviewed for the entire Phase One Study Area. A copy of the ERIS report is provided in Appendix E and the results of the database search are described in the following sections.

4.2.1.1 National Pollutant Release Inventory

ERIS completed a search of the federal databases for information regarding the National Pollutant Release Inventory (NPRI). This database contains comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances and identifies



information such as the approximate location, type and quantity of contaminant, date of release, and media impacted.

Pinchin reviewed the ERIS report for NPRI information and found no records regarding the Phase One Study Area.

4.2.1.2 Ontario Inventory of PCB Storage Sites

The MECP's Waste Management Branch maintains an inventory of PCB storage sites within Ontario. Ontario Regulation 11/82 and Ontario Regulation 347 (O. Reg. 347), made under the EPA, require the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the MECP. This database contains information on waste quantities, major and minor sites storing liquid or solid waste, and a waste storage inventory.

ERIS completed a search of the Ontario Inventory of PCB Storage Sites for information regarding PCB storage and found no information regarding the Phase One Study Area.

4.2.1.3 National PCB Inventory

Environment Canada maintains an inventory of in-use PCB-containing equipment at federal, provincial and private facilities in Canada, and of out-of-service PCB-containing equipment and PCB waste owned by the federal government or federally regulated industries.

ERIS completed a search of the National PCB Inventory and found no information regarding the Phase One Study Area.

4.2.1.4 Certificates of Approval

ERIS completed a search of the MECP database for information regarding Certificates of Approval (Cs-of-A). The MECP maintains a database of approved Cs-of-A for Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. Prior to November 1, 2011, the MECP mandated that any facility that released emissions to the atmosphere, discharged contaminants to ground or surface water, provided potable water supplies, or stored, transported or disposed of waste, must have a C-of-A before it could operate lawfully. The MECP no longer issues Cs-of-A, which were replaced by Environmental Compliance Approvals (ECAs) as of November 1, 2011. O. Reg. 153/04 indicates that information from the C-of-A database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property.

The ERIS search of the C-of-A database identified no information regarding Cs-of-A for the Phase One Property or for properties adjacent to the Phase One Property.



4.2.1.5 Environmental Compliance Approvals, Permits To Take Water and Certificates of Property Use

ERIS completed a search of the MECP database for information regarding ECAs, permits including Permits To Take Water (PTTWs) and Certificates of Property Use (CPUs). O. Reg. 153/04 indicates that information from these databases only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. Details regarding these databases are provided in the ERIS report in Appendix E.

The ERIS search of the ECA, CPU and PTTW databases identified no information regarding ECAs, CPUs or PTTWs for the Phase One Property or properties adjacent to the Phase One Property.

4.2.1.6 Inventory of Coal Gasification Plants

ERIS searched the following publications prepared for the MECP by Intera Technologies Inc. for information on industrial sites that formerly operated as coal gasification plants, and industrial sites that produced or used coal tar and other related tars:

- “*Inventory of Coal Gasification Plant Waste Sites in Ontario*”, dated April 1987; and
- “*Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*”, dated November 1988.

The ERIS search yielded no records of former coal gasification plants or the production or use of coal tar and related tars within the Phase One Study Area.

4.2.1.7 Environmental Incidents, Orders, Offences and Spills

ERIS completed a search of the various provincial and federal databases for information regarding environmental incidents, orders, offences and spills. O. Reg. 153/04 indicates that information from these databases only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. Details regarding the searched databases are provided in the ERIS report in Appendix E.

The ERIS database search of records of environmental incidents, orders, offences or spills did not identify any information for the Phase One Property or properties adjacent to the Phase One Property.

4.2.1.8 Waste Management Records

Waste Generators

ERIS completed a search of the O. Reg. 347 Waste Generators database for information regarding waste generation. O. Reg. 347 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. The database search results provide a summary of available waste generation information for the registered sites for all years from 1986 to the present.

O. Reg. 153/04 indicates that information from the Waste Generator database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. However, in addition to the Phase One Property and adjacent off-Site properties, Pinchin reviewed the database for waste generators within 50 m transgradient and 100 m upgradient of the Phase One Property with respect to the inferred groundwater flow direction. The area reviewed will be referred to as the Waste Generator Database Review Area.

The ERIS search of the O. Reg. 347 Waste Generators database found the following information regarding the Phase One Property:

- The Phase One Property (i.e., 2861 Baycrest Drive) was a registered generator of light fuels in 2005.

Based on a review of Pinchin's in-house MECP Waste Generator database, approximately 500 kilograms (kg) of light fuels were generated on-Site in 2005. It is Pinchin's opinion that the waste generation is likely associated with the removal of a former on-Site UST in 2005. Based on the results of the previous environmental work completed at the Site (refer to Section 4.1.4), it is Pinchin's opinion that this on-Site waste generation and PCA do not represent an APEC for the Phase One Property.

Three other properties located within the Waste Generator Database Review Area were listed within the O. Reg. 347 Waste Generators database search results as waste generators; however, based on the distance to operations and inferred waste generation at these properties, the nature of operations and/or types of hazardous wastes generated, these off-Site waste generators are not considered PCAs. Details regarding the types of waste and timeframe when wastes were generated at these properties are provided in the ERIS report in Appendix E.

Waste Receivers

ERIS completed a search of the O. Reg. 347 Waste Receivers database for information regarding waste receivers. O. Reg. 347 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 contains 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.



O. Reg. 153/04 indicates that information from the Waste Receivers database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. However, in addition to the Phase One Property and adjacent off-Site properties, Pinchin reviewed the database for waste receivers within 50 m transgradient and 100 m upgradient of the Phase One Property with respect to the inferred groundwater flow direction. The area reviewed will be referred to as the Waste Receivers Database Review Area.

The ERIS search of the O. Reg. 347 Waste Receivers database found no information regarding the Waste Receivers Database Review Area.

4.2.1.9 Fuel Storage Tanks

ERIS completed a search of various private, provincial and federal databases for information regarding chemical storage tanks, as well as private and retail fuel storage tanks. Details regarding the searched databases are provided in the ERIS report in Appendix G.

The ERIS search of the chemical and fuel storage tank databases found no information regarding the Phase One Property.

The ERIS search of the chemical and fuel storage tank databases identified the following other property within the Phase One Study Area with records of fuel storage tanks:

- 1594 Walkley Road.

The 1594 Walkley Road property was listed in various databases as being a retail fuel outlet (RFO) with USTs that were installed in 1982. The RFO is now expired. This property is located approximately 220 m southeast of the Phase One Property and is situated hydraulically transgradient of the Phase One Property in relation to the Phase One Property. As such, this PCA is not considered an APEC for the Phase One Property.

4.2.1.10 Notices and Instruments

ERIS completed a search of the provincial Environmental Registry for records pertaining to proposals, decisions, and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. ERIS also searched the Record of Site Condition (RSC) database for filed RSCs.

The ERIS search of the Environmental Registry and RSC databases found no information regarding the Phase One Study Area.



4.2.1.11 *Areas of Natural Significance*

ERIS reviewed available databases and records to assess whether any parks, wetlands, conservation areas, or other areas of natural significance, are located within the Phase One Study Area. The Area of Natural & Scientific Interest map is included in Appendix H. In addition, Pinchin reviewed information provided on the Ministry of Natural Resources and Forestry's (MNRF) Natural Heritage Information Centre (NHIC) website. No areas of natural significance were identified within the Phase One Study Area from these information sources.

4.2.1.12 *Landfill Information*

ERIS reviewed available private and provincial databases for records of any current or inactive landfills and waste disposal sites within the Phase One Study Area. Details regarding the searched databases are provided in the ERIS report in Appendix E.

The ERIS database search of the landfill and waste disposal sites databases indicated that no landfill or waste disposal sites have been present within the Phase One Study Area.

4.2.2 *Ministry of the Environment, Conservation and Parks Freedom of Information Search*

The MECP FOI and Protection of Privacy Office in Toronto, Ontario was previously contacted to determine if records exist for environmental matters such as orders, spills, previous investigations, prosecutions, registered PCB waste storage sites, waste generators, waste receivers, Cs-of-A and ECAs associated with the Phase One Property.

The search was requested on August 12, 2021. At the time of writing this report, no response had been received from the MECP. When a formal response is received, it will be reviewed by Pinchin. If there is any information that represents a potential issue of environmental concern, a copy of the response will be forwarded to the Client under separate cover. Our conclusions and recommendations may be amended based on this information. A copy of the MECP request is provided in Appendix F.

4.2.3 *Technical Standards and Safety Authority Search*

The TSSA is the regulatory body that governs the safe handling and storage of fuel in Ontario. All storage of gasoline, diesel and fuel oil is subject to the Technical Standards and Safety Act. The Technical Standards and Safety Act and its relevant documents and regulations (e.g., *Liquid Fuels Handling Code*, *Ontario Regulation 213/01 – Fuel Oil*, *Ontario Regulation 217/01 – Liquid Fuels*) require that all fuel storage devices such as aboveground storage tanks (ASTs) and USTs be registered with the TSSA.

Pinchin filed archival searches with the TSSA to determine whether any ASTs or USTs are, or were, registered for the Phase One Property, and to determine whether any records of regulatory non-compliance exist. At the time of writing this report, no response had been received from the TSSA. When



a formal response is received, it will be reviewed by Pinchin. If there is any information that represents a potential issue of environmental concern, a copy of the response will be forwarded to the Client under separate cover. Our conclusions and recommendations may be amended based on this information. A copy of the TSSA request is provided in Appendix G.

4.2.4 Property Underwriters' Reports and Plans

PURs provide detailed information on a site-specific basis, including descriptions of building construction, heating sources, production processes, and the presence of any hazardous chemicals or materials which may have been historically stored on the Phase One Property. They also indicate the presence of environmental hazards such as electrical rooms, transformers, boilers and storage tanks. Information provided on Property Underwriters' Plans (PUPs) includes the location, capacity, and contents of ASTs, USTs, chemical storage and other forms of environmental hazards.

Pinchin previously contacted Opta to obtain copies of PURs and PUPs related to the Phase One Property. Opta provided Pinchin with copies of the following (see Appendix E):

- PURs dated 1972 for each Site Building; and
- PUPs dated 1972 for each Site Building.

Based on Pinchin's review of the PURs and PUPs, the following was noted:

- Two Site Buildings of similar size and configuration to the present-day Site Buildings were evident on-Site;
- The Site Buildings were utilized as multi-tenant residential buildings; and
- Heating for each Site Building was provided by heating oil. The PURs did not indicate if the heating oil was stored in an AST or UST; however, as noted in Section 4.1.4, the heating oil was formerly stored in USTs. Based on the results of the previous environmental work completed at the Phase One Property (refer to Section 4.1.4), it is Pinchin's opinion that these PCAs do not represent APECs for the Phase One Property.

4.2.5 City Directories

City directories for the years 1964 to 2011 were previously reviewed by Pinchin at the Library and Archives of Canada in Ottawa, Ontario for the area within 100 m of the Phase One Property (City Directory Search Area). It should be noted that no city directories were available for the City of Ottawa subsequent to 2011. A summary of information obtained with respect to the Phase One Property is provided in the following table:

Year(s)	Occupant Listings for Site Address
1964 to 1966.	Site not listed.
1967 to 2011.	Heron Gate Village (residential listings).

Based on Pinchin's review of the above-noted city directories, no PCAs were identified at the Phase One Property.

In general, the city directories indicated that the properties in the Phase One Study Area outside of the Phase One Property have been historically occupied by residential and commercial land uses since approximately 1959. Based on Pinchin's review of the above-noted city directories, no PCAs were identified within the Phase One Study Area outside of the Phase One Property.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs

Pinchin reviewed aerial photographs of the Phase One Property and surrounding properties within the Phase One Study Area to assess the potential for historical PCAs. Copies of aerial photographs dated 1933, 1945, 1950, 1962, 1970, 1982 and 1990 were obtained from the National Air Photo Library in Ottawa, Ontario and reviewed by Pinchin. In addition, Pinchin reviewed Google Earth™ satellite imagery dated 2004, 2012 and 2018. The 1933 aerial photograph was the earliest available aerial photograph of the Phase One Study Area.

Efforts were made by Pinchin to obtain aerial photographs that:

- Illustrated the period between initial development of the Phase One Property to the present;
- Identified buildings and structures present on the Phase One Property since initial development;
- Identified PCAs within the Phase One Study Area; and
- Identified APECs on the Phase One Property.



It should be noted that accurate details could not be determined from some of the aerial photographs due to the large reference scale and the low resolution of the photographs.

A summary of information obtained with respect to the Phase One Property from a review of the available aerial photography is provided in the following table:

Year of Photograph	Phase One Property
1933, 1945, 1950 and 1962.	The Phase One Property appeared to consist of vacant forested and agricultural land.
1962.	Similar to 1933, 1945 and 1950; however, a barn appeared to be evident on the east portion of the Phase One Property.
1970.	The barn was no longer evident and buildings similar in size and configuration to the previous on-Site garden home buildings were evident on-Site.
1982, 1990, 2004, 2012 and 2018.	Similar to 1970; however, Site Buildings A and B were evident in their current size and configuration. In addition, the in-ground swimming pool was evident on the central portion of the Phase One Property.

Based on the aerial photographs reviewed for the Phase One Property and the surrounding area, it appears that the Phase One Property was first developed between 1962 and 1970.

The aerial photograph review for the Phase One Study Area did not identify any PCAs, with the exception of the following:

- An RFO was evident approximately 225 m southeast of the Phase One Property from 1970 until 1982. This property is situated hydraulically transgradient to the Phase One Property in relation to the inferred groundwater flow direction. Based on the distance between the RFO and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property.

4.3.2 Topography, Hydrology and Geology

The elevation of the Phase One Property, based on information obtained from the Ontario Base Map series, is approximately 93 m above mean sea level (mamsl). The general topography in the local and surrounding area is generally flat, whereby the Phase One Property is at a similar elevation to the adjacent/surrounding properties. No bedrock outcrops were observed on-Site or in the surrounding area.

A review of the available physiographical data indicates that the Phase One Property and the surrounding properties located within the Phase One Study Area are located within alluvial deposits consisting of stratified gravel, sand, silt and clay. Bedrock is expected to consist of sedimentary rocks consisting of limestone, dolomite, shale, argillite, sandstone, quartzite, and/or grit. The topography is considered to be



mainly flat to rolling low local relief with dry surface water drainage conditions. During previous on-Site investigations, the soil stratigraphy was observed to consist of sand or silty sand with trace cobbles overlying silty sand and gravel till to approximately 4.3 mbgs. Groundwater was encountered in the Heron Gate Residential Village at approximately 0.8-3.4 mbgs.

Based on general hydrogeological principles and Pinchin's familiarity with subsurface conditions at and near the Phase One Property and the surrounding properties within the Phase One Study Area, as well as a calculation made by Trow during previous subsurface environmental work at the Phase One Property, the unconfined groundwater beneath the Phase One Property is expected to flow in a southwesterly direction. The nearest surface water body is the Rideau River, located approximately 2.2 kilometres northwest of the Phase One Property at elevations of approximately 59 mamsl.

Copies of pertinent maps, illustrating local topographical, hydrogeological and drainage features are provided in Appendix H.

4.3.3 Fill Materials

The historical records review provided no information regarding the presence of fill material at the Phase One Property.

Aside from the reported clean fill material used to backfill the former UST excavations adjacent to Site Buildings A and B, the Phase One ESA did not identify any historical or current fill material at the Phase One Property. However, potential future development plans should incorporate the appropriate procedures for the characterization of soils that may require off-Site disposal. Further assessment and/or costs may be incurred through re-development of the Phase One Property and/or change in land use scenarios.

4.3.4 Water Bodies, Areas of Natural Significance and Groundwater Information

No water bodies were identified on the Phase One Property or on surrounding properties within the Phase One Study Area.

A review of the Area of Natural & Scientific Interest map prepared by ERIS (see Appendix H) and information provided on the MNRF's NHIC website did not identify any provincial parks, wetlands, conservation areas, or other areas of natural significance, within the Phase One Study Area.

A review of the City of Ottawa's GeoOttawa website indicated that the Phase One Study Area is not located within a well head protection area for the protection of groundwater.

The records review did not identify the presence of wells at the Phase One Property that supply water for human consumption or for agricultural purposes. However, the Water Well Information System database search completed by ERIS identified one water well used for human consumption within the Phase One



Study Area outside of the Phase One Property. Details regarding these wells are provided in the ERIS report in Appendix E.

4.3.5 Well Records

A search of the Water Well Information System database by ERIS identified one water well record for the Phase One Property. A summary of pertinent information included in the ERIS report with respect to this well is provided in the following table:

MECP Well ID (ERIS ID)	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
1508275 (WWIS-1)	North-central portion of the Phase One Property	Clay (0-5.0 m below ground surface (mbgs)) Shale and limestone (5.0-29.0 mbgs)	5.0 mbgs	Not specified.

The Water Well Information System database search identified four water well records within the Phase One Study Area outside of the Phase One Property. Details regarding these off-Site wells, including stratigraphic information, depth to bedrock and/or depth to the water table, are provided in the ERIS report included in Appendix E.

4.4 Site Operating Records

The Phase One Property is not an Enhanced Investigation Property (see Section 6.3). As such, Site operating records were not reviewed as part of the Phase One ESA.



5.0 INTERVIEWS

Pinchin interviewed individuals knowledgeable of the Phase One Property and its history to obtain or confirm information regarding the environmental condition of the Phase One Property. The following individuals provided information regarding the history of the Phase One Property and the surrounding properties within the Phase One Study Area to the best of their knowledge:

Person Interviewed	Relationship to Phase One Property	Date and Place of Interview	Interview Method
Ms. Edlyn Estrevillo	Property Manager at the Phase One Property for approximately one year	August 16, 2021 (Phase One Property)	In-person interview during Site reconnaissance.
Mr. Dennish Blasabas	Building Manager for Site Building A since June 2020	August 16, 2021 (Phase One Property)	In-person interview during Site reconnaissance.
Mr. Ihsan Elhachemi	Building Manager for Site Building B since October 2020	August 16, 2021 (Phase One Property)	In-person interview during Site reconnaissance.

These individuals were chosen to be interviewed given that they are most familiar with the recent operational history of the Phase One Property. These individuals are hereafter referred to as the “Site Representatives”, and accompanied the Pinchin representative (Mr. Kurt Frommann) during the Site reconnaissance.

Pinchin compared the information obtained from the interviews with information obtained from the historical records. The information provided by the interviewees was corroborated by the available historical records. As such, Pinchin has no concerns regarding the validity of the information provided by the individuals interviewed for the Phase One ESA.

With respect to PCAs and APECs, no additional information was obtained from the interviews other than that documented elsewhere in this report.



6.0 SITE RECONNAISSANCE

6.1 General Requirements

A visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area was conducted for the purpose of identifying the presence of possible PCAs and associated APECs.

The Site reconnaissance was completed on August 16, 2021, by a Pinchin representative (i.e., Mr. Kurt Frommann), under the direct supervision of Pinchin's QP overseeing this project. Mr. Frommann is an Environmental Project Manager with more than eight years of environmental consulting experience. Pinchin visited the Phase One Property and surrounding properties within the Phase One Study Area to document environmental conditions. During the Site reconnaissance, Pinchin viewed all accessible areas within the Phase One Property, and viewed publicly-accessible portions of the adjacent lands for the presence of actual or potential issues of environmental concern.

The Site reconnaissance was conducted between the hours of 9:30 AM and 12:00 PM. During the Site reconnaissance, the ground surface was dry and the weather was clear, and the ambient temperature was approximately 23° Celsius. The Phase One Property reconnaissance was conducted on foot and consisted of a full walk-through of the Phase One Property. There were no access restrictions for Pinchin for the Phase One Property with the exception of the rooftops, which could not be accessed at the time of the Site reconnaissance. In addition, it should be noted that due to the pandemic measures in place at the time of the Site reconnaissance as specified by the Provincial and Federal governments, inspections of building interiors during the Site reconnaissance was limited to common areas, vacant residential units, mechanical rooms and public spaces. Furthermore, it should also be noted that a representative for Hydro Ottawa, owner of the hydro vaults, was not present at the time of the Site reconnaissance and as such, no access to the hydro vaults was available. At the time of the Site reconnaissance, the Site Buildings on the Phase One Property were operating as multi-tenant residential buildings, and the remaining portions of the Phase One Property consisted of vacant undeveloped land, with the exception of an in-ground swimming pool and four pool-related outbuildings located on the central portion of the Phase One Property. Further details regarding on-Site operations are provided throughout Section 6.2 of this report.

Photographs taken during the Site reconnaissance that illustrate the Phase One Property and Phase One Study Area are provided in Appendix B.



6.2 Specific Observations at Phase One Property

6.2.1 Description of Buildings and Structures

During the Site reconnaissance, Pinchin observed two buildings/structures (i.e., multi-tenant residential buildings) on the Phase One Property; Site Building A, which possesses the municipal address 2851 Baycrest Drive, and Site Building B, which possesses the municipal address 2861 Baycrest Drive. Site Building A is located on the southwest portion of the Phase One Property and Site Building B is located on the south portion of the Phase One Property. The remaining portions of the Phase One Property, which were formerly occupied by various garden home buildings (for residential purposes) until they were demolished in approximately 2020, consisted of vacant undeveloped land, with the exception of an in-ground swimming pool and four pool-related outbuildings located on the central portion of the Phase One Property.

The portions of the Phase One Property outside of the Site Buildings presently consist of asphalt-paved parking areas and vacant undeveloped/landscaped areas.

6.2.2 Description of Below-Ground Structures

During the Site reconnaissance, Pinchin did not observe any current below-ground structures on the Phase One Property, with the exception of the basement levels within each Site Building. The basements consisted of a poured concrete structure. Various utilities (i.e., telephone, sanitary sewer, water and electricity) typically entered Site Building A along the southeast elevation, and Site Building B along the northwest and southeast elevations. In addition, an in-ground swimming pool is present on the central portion of the Phase One Property.

6.2.3 Description of Tanks

During the Site reconnaissance, Pinchin did not observe any tanks on the Phase One Property for the purpose of either fuel dispensing or storage, or other unidentified substance storage.

6.2.4 Potable and Non-Potable Water Sources

During the Site reconnaissance, Pinchin did not observe potable or non-potable water sources at the Phase One Property. The Phase One Property is serviced by a municipal water supply via underground piping running into the Site Buildings from beneath the adjacent roadways.

6.2.5 Description and Location of Underground Utilities

A number of underground utilities were observed on the Phase One Property, including natural gas, telephone and electrical lines, and municipal water, storm and sanitary sewer lines.



The natural gas, telephone, electrical, water and sanitary sewer services enter the Site Buildings via underground lines. Stormwater is captured via interior roof drains and on-Site catch basins and directed via underground piping to a main storm sewer line.

6.2.6 Details of Heating Systems

During the Site reconnaissance, Pinchin observed natural gas-fired boilers that supply hydronic baseboards throughout the Site Buildings. In addition, the common areas are serviced by natural gas-fired rooftop Make Up Air units, and supplemental heating is provided by packaged terminal air conditioning (PTAC) units.

6.2.7 Details of Cooling System

Cooling for select tenant spaces within the Site Buildings is provided by tenant-owned, window-mounted air conditioning units, and supplemental cooling is provided by PTAC units.

6.2.8 Details of Drains, Pits and Sumps

One storm water sump pit was observed in the basement level (cleaning room) of Site Building A. The sump is inferred to capture storm water from a weeping tile system located around the Site Building foundations. The sump was observed to be approximately 0.75 m deep and free of any evidence of cracks and staining and is expected to connect to the outside storm sewer system. A minimal amount of water was present in the sump and it had no obvious odours, discolouration or sheen.

With the exception of this sump, Pinchin did not observe any drains, pits or sumps during the Site reconnaissance. The sump is not considered to be a PCA.

6.2.9 Unidentified Substances within Buildings and Structures

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances at the Phase One Property. Small volumes of various cleaning solutions were stored in their original containers in various locations throughout the Site Buildings. No bulk liquid storage was observed on-Site.

6.2.10 Details of Staining and Corrosion

During the Site reconnaissance, Pinchin did not observe any areas of staining or corrosion inside the Site Buildings.



6.2.11 Details of On-Site Wells

No water supply wells were observed to be on or within the Phase One Property; however, the following groundwater monitoring wells were observed on-Site:

- One groundwater monitoring well located exterior to the southeast elevation of Site Building A (within an access route), inferred to be installed by Trow (refer to Section 4.1.4);
- One groundwater monitoring well located within the laundry room in the basement level of Site Building B, as well as one groundwater monitoring well located exterior to the southwest corner of Site Building B, both inferred to be installed by Trow (refer to Section 4.1.4); and
- Six stick-up groundwater monitoring wells observed on the northeast portion of the Phase One Property, recently installed by Pinchin for geotechnical purposes.

6.2.12 Details of Sewage Works

During the Site reconnaissance, Pinchin did not observe any sewage works or evidence of sewage disposal on the Phase One Property, with the exception of main sanitary sewer pipes that exit the Site Buildings and connect to the municipal sewer system.

6.2.13 Details of Ground Cover

During the Site reconnaissance, Pinchin visually inspected the Phase One Property ground cover. Any areas of the Phase One Property not covered by a structure are inferred to be covered by asphalt pavement and grassed/landscaped areas.

6.2.14 Details of Current or Former Railways

No current or former railway infrastructure was observed on the Phase One Property.

6.2.15 Areas of Stained Soil, Vegetation and Pavement

During the Site reconnaissance, Pinchin did not observe any areas of stained soil, vegetation or pavement on the Phase One Property.

6.2.16 Areas of Stressed Vegetation

During the Site reconnaissance, Pinchin did not observe any areas of stressed vegetation on the Phase One Property.



6.2.17 Areas of Fill and Debris Materials

No obvious areas where fill material or debris have been placed or graded were observed by Pinchin at the Phase One Property.

Aside from the reported clean fill material used to backfill the former UST excavations adjacent to Site Buildings A and B, the Phase One ESA did not identify any historical or current fill material at the Phase One Property. However, potential future development plans should incorporate the appropriate procedures for the characterization of soils that may require off-Site disposal. Further assessment and/or costs may be incurred through re-development of the Phase One Property and/or change in land use scenarios.

6.2.18 Potentially Contaminating Activities

A PCA is defined by O. Reg. 153/04 as a “use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One Study Area” including the Phase One Property.

The following PCAs were observed on the Phase One Property during the Site reconnaissance:

- A hydro vault is located in the southwest corner of the basement level of Site Building A;
and
- A hydro vault is located in the northwest corner of the basement level of Site Building B.

6.2.19 Unidentified Substances Outside Buildings and Structures

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances on the exterior of the Phase One Property.

6.2.20 Surrounding Land Uses

During the Site reconnaissance, Pinchin conducted a visual assessment of publicly-accessible portions of the Phase One Study Area for the presence of PCAs. The properties in the Phase One Study Area have various land uses, including parkland, residential, community, institutional and commercial. Land use types within the Phase One Study Area are presented on Figure 2.

The following table summarizes the land use on adjacent properties at the time of the Site reconnaissance:



Direction Relative to Phase One Property	Location Relative to Inferred Groundwater Flow Direction	Description of Property Use	Property Use	Potential Contribution to PCA and/or APEC
North	Up/transgradient	Heron Road followed by residential dwellings and an institutional development (i.e., Federal Study Centre) to beyond 150 m from the Phase One Property.	Residential/Institutional	Land uses are not considered to represent PCAs.
South	Down/transgradient	Residential developments and associated roadways to beyond 150 m from the Phase One Property.	Residential	Land use is not considered to represent a PCA.
East	Up/transgradient	Residential developments, parkland and associated roadways to beyond 150 m from the Phase One Property.	Residential/Parkland	Land uses are not considered to represent PCAs.
West	Down/transgradient	Residential developments, a community centre and associated roadways to beyond 150 m from the Phase One Property.	Residential/Community	Land uses are not considered to represent PCAs.

No PCAs were identified by Pinchin at the time of the Site reconnaissance within the rest of the Phase One Study Area.

6.3 Enhanced Investigation Property

O. Reg. 153/04 defines an “Enhanced Investigation Property” as a property that is being used or has been used, in whole or in part, in the following manner:

- For an industrial use or;
- For any of the following commercial uses:
 - As a garage;
 - As a bulk liquid dispensing facility, including a gasoline outlet; or
 - For the operation of dry cleaning equipment.

The findings of this Phase One ESA have not documented any of the above land uses as occurring at the Phase One Property, and the Phase One Property is therefore not an Enhanced Investigation Property.



6.4 Written Description of Investigation

The Phase One ESA completed by Pinchin included investigations of the Phase One Property and the Phase One Study Area outside of the Phase One Property pursuant to Sections 13 and 14 of Schedule D of O. Reg.153/04. The main objective of these investigations was to identify PCAs at the Phase One Property or within the Phase One Study Area outside of the Phase One Property that could have resulted in APECs at the Phase One Property.

6.4.1 Phase One Property

The investigation of the Phase One Property consisted of the following components:

- Review of available historical records, including (but not limited to) previous environmental reports, ERIS regulatory search, PURs and PUPs, city directories, aerial photographs, and well records;
- A Site reconnaissance completed on August 16, 2021, by Mr. Kurt Frommann of Pinchin that included an assessment of structures at the Phase One Property and the exterior of the Phase One Property;
- Interviews with individuals knowledgeable of the history and operations at the Phase One Property; and
- Review of mapping provided by ERIS and information provided on-line by the MNRF for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Property identified the following PCAs:

- PCA #1 (Item 28: Gasoline and Associated Products Storage in Fixed Tanks – A 1972 PUR reported that Site Building A was originally heated by an oil-fired boiler system, and two consecutive former heating oil USTs were located adjacent to the south elevation of Site Building A). However, based on the results of previous subsurface environmental work completed in this former UST area (refer to Section 4.1.4), it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property;
- PCA #2 (Item 28: Gasoline and Associated Products Storage in Fixed Tanks – A 1972 PUR reported that Site Building B was originally heated by an oil-fired boiler system, and two consecutive former heating oil USTs were located adjacent to the southwest elevation of Site Building B). However, based on the results of previous subsurface environmental work completed in this former UST area (refer to Section 4.1.4), it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property;



- PCA #3 (Item 55: Transformer Manufacturing, Processing and Use – Hydro vault located within the southwest corner of the basement level of Site Building A). However, no issues were reported with the hydro vault, and any maintenance/environmental issues associated with the transformers and hydro vault would be the responsibility of Hydro Ottawa. As such, it is Pinchin's opinion that this on-Site hydro vault is unlikely to result in potential subsurface impacts at the Phase One Property and does not represent an APEC for the Phase One Property; and
- PCA #4 (Item 55: Transformer Manufacturing, Processing and Use – Hydro vault located within the northwest corner of the basement level of Site Building B). However, no issues were reported with the hydro vault, and any maintenance/environmental issues associated with the transformers and hydro vault would be the responsibility of Hydro Ottawa. As such, it is Pinchin's opinion that this on-Site hydro vault is unlikely to result in potential subsurface impacts at the Phase One Property and does not represent an APEC for the Phase One Property.

No areas of natural significance were identified at the Phase One Property.

Pinchin's investigation did not identify the presence of wells at the Phase One Property that currently supply water for human consumption or for agricultural purposes.

6.4.2 Phase One Study Area Outside of Phase One Property

The investigation of the Phase One Study Area outside of the Phase One Property consisted of the following components:

- Review of available historical records, including (but not limited to) previous environmental reports, ERIS regulatory search, city directories and aerial photographs;
- Visual inspection of properties from publicly-accessible areas for evidence of PCAs and water bodies; and
- Review of mapping provided by ERIS and information provided on-line by the MNRF for the presence of areas of natural significance.



Pinchin's investigation of the Phase One Study Area outside of the Phase One Property identified the following PCAs:

- PCA #5 (Item 28: Gasoline and Associated Products Storage in Fixed Tanks – An RFO, equipped with four fuel USTs, was present at 1594 Walkley Road in the 1970s and 1980s. However, this property is located approximately 225 m southeast of the Phase One Property and is situated hydraulically transgradient in relation to the inferred groundwater flow direction from the Phase One Property. As such, it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property.

No areas of natural significance were identified within the Phase One Study Area outside of the Phase One Property.

The records review did not identify the presence of wells at the Phase One Property that supply water for human consumption or for agricultural purposes. However, the Water Well Information System database search completed by ERIS identified one water well used for human consumption within the Phase One Study Area outside of the Phase One Property.

Based on a cursory review of the properties greater than 250 m (i.e., outside of the Phase One Study Area), but less than 1 km, from the Phase One Study Area, Pinchin did not note or observe any significant contaminating properties that should be included as part of this assessment (i.e., landfills, large industrial manufacturers, etc.).

Plans identifying the locations of the on and off-Site PCAs for this Phase One ESA are provided on Figure 3.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

To the best of Pinchin's knowledge, the Phase One Property consisted of vacant undeveloped/agricultural land until the construction of a barn on the east portion of the Phase One Property in the early 1960s. The barn was demolished prior to 1967 and the former garden home buildings (formerly located on the northwest, northeast and southeast portions of the Phase One Property) were constructed in approximately 1967. The construction of Site Buildings A and B followed in approximately 1972. Since construction of the Site Buildings and former garden home buildings, the Phase One Property has been utilized solely for residential purposes.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is approximately the early 1960s, with the construction of the former barn on the east portion of the Phase One Property. The date of the first developed use of the Phase One Property was determined through a review of aerial



photographs, city directories, a PUR, and interviews with the Site Representatives. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

7.2 Potentially Contaminating Activities

The following PCAs, as defined by O. Reg. 153/04, were documented by Pinchin to have occurred at the Phase One Property:

- PCA #1 (Item 28: Gasoline and Associated Products Storage in Fixed Tanks – A 1972 PUR reported that Site Building A was originally heated by an oil-fired boiler system, and two consecutive former heating oil USTs were located adjacent to the south elevation of Site Building A). However, based on the results of previous subsurface environmental work completed in this former UST area (refer to Section 4.1.4), it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property;
- PCA #2 (Item 28: Gasoline and Associated Products Storage in Fixed Tanks – A 1972 PUR reported that Site Building B was originally heated by an oil-fired boiler system, and two consecutive former heating oil USTs were located adjacent to the southwest elevation of Site Building B). However, based on the results of previous subsurface environmental work completed in this former UST area (refer to Section 4.1.4), it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property;
- PCA #3 (Item 55: Transformer Manufacturing, Processing and Use – Hydro vault located within the southwest corner of the basement level of Site Building A). However, no issues were reported with the hydro vault, and any maintenance/environmental issues associated with the transformers and hydro vault would be the responsibility of Hydro Ottawa. As such, it is Pinchin's opinion that this on-Site hydro vault is unlikely to result in potential subsurface impacts at the Phase One Property and does not represent an APEC for the Phase One Property; and
- PCA #4 (Item 55: Transformer Manufacturing, Processing and Use – Hydro vault located within the northwest corner of the basement level of Site Building B). However, no issues were reported with the hydro vault, and any maintenance/environmental issues associated with the transformers and hydro vault would be the responsibility of Hydro Ottawa. As such, it is Pinchin's opinion that this on-Site hydro vault is unlikely to result in potential subsurface impacts at the Phase One Property and does not represent an APEC for the Phase One Property.



The following PCA as defined by O. Reg. 153/04 was documented by Pinchin to have occurred within the Phase One Study Area, outside of the Phase One Property:

- PCA #5 (Item 28: Gasoline and Associated Products Storage in Fixed Tanks – An RFO, equipped with four fuel USTs, was present at 1594 Walkley Road in the 1970s and 1980s. However, this property is located approximately 225 m southeast of the Phase One Property and is situated hydraulically transgradient in relation to the inferred groundwater flow direction from the Phase One Property. As such, it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property.

7.3 Areas of Potential Environmental Concern

No APECs were identified by Pinchin at the Phase One Property.

7.4 Phase One Conceptual Site Model

A conceptual site model (CSM) has been created to provide a summary of the findings of the Phase One ESA. The Phase One CSM is summarized in Figures 1 through Figure 3 which illustrate the following features within the Phase One Study Area, where present:

- Existing buildings and structures;
- Water bodies located in whole or in part within the Phase One Study Area;
- Areas of natural significance located in whole or in part within the Phase One Study Area;
- Drinking water wells located at the Phase One Property;
- Land use of adjacent properties;
- Roads within the Phase One Study Area;
- PCAs within the Phase One Study Area, including the locations of tanks; and
- APECs at the Phase One Property.

The following provides a narrative summary of the Phase One CSM:

- The Phase One Property is a near rectangular-shaped parcel of land approximately 14.0 acres (5.7 hectares) in size, located at the south side of Heron Road, bounded to the west by Sandalwood Drive and to the east by Baycrest Drive in the City of Ottawa. The Phase One Property is presently developed with a fourteen-storey multi-tenant residential building located on the southwest portion of the Phase One Property (i.e., Site Building A, which possesses the municipal address 2851 Baycrest Drive) and a nineteen-storey multi-tenant residential building located on the south portion of the Phase One Property



(i.e., Site Building B, which possesses the municipal address 2861 Baycrest Drive).

Subsequent to a barn that was present on-Site from the early to late 1960s, the Phase One Property has been used for residential purposes since development of the former garden home buildings in approximately 1967 and Site Buildings A and B in 1972. There is no record of industrial use or of a commercial use (e.g., garage, bulk liquid dispensing facility or dry cleaner) that would require classifying the Phase One Property as an enhanced investigation property;

- The nearest surface water body is the Rideau River, located approximately 2.2 km northwest of the Phase One Property at elevations of approximately 59 mamsl;
- No areas of natural significance were identified within the Phase One Study Area;
- No drinking water wells were located on the Phase One Property;
- The adjacent and surrounding properties in the vicinity of the Site consist of parkland, residential, community, institutional and commercial land uses. The properties located north of the Phase One Property consist of Heron Road followed by residential dwellings and an institutional building (i.e., Federal Study Centre); and the properties located south, east and west of the Phase One Property consist of residential developments, parkland, a community building and associated roadways to beyond 150 m from the Phase One Property;
- A total of five PCAs were identified within the Phase One Study Area, consisting of four PCAs at the Phase One Property and one PCA within the Phase One Study Area, outside of the Phase One Property. The on-Site PCAs do not represent APECs at the Phase One Property based on the results of previous subsurface environmental work completed at the Phase One Property (refer to Section 4.1.4), observations made during Pinchin's Site reconnaissance, the lack of spills reported by ERIS for the Phase One Property, and/or the fact that any maintenance/environmental issues related to the hydro vault would be the responsibility of Hydro Ottawa. In addition, the off-Site PCA does not represent an APEC for the Phase One Property given the distance from the Phase One Property and the inferred groundwater flow direction;
- Underground utilities at the Phase One Property provide potable water, natural gas, electrical, telephone, cable and sewer services to the Site Buildings. These services enter the Site Buildings through subsurface conduits, with the exception of a pressurized natural gas line, which connects to meters located along the exterior of the Site Buildings. Storm sewer catch basins located in the parking lots connect to the municipal storm sewer line. Plans were not available to confirm the depths of these utilities, but they are



estimated to be located approximately 2.0 to 3.0 mbgs. The known depth to groundwater at the Phase One Property is approximately 0.8-3.4 mbgs, which coincides with the approximate depth to the water table. As such, it is possible that the utility corridors may act as preferential pathways for contaminant distribution and transport in the event that shallow subsurface contaminants exist at the Phase One Property;

- The Phase One Property and the surrounding properties located within the Phase One Study Area are located within alluvial deposits consisting of stratified gravel, sand, silt and clay. Bedrock is expected to consist of sedimentary rocks consisting of limestone, dolomite, shale, argillite, sandstone, quartzite, and/or grit. During previous on-Site investigations, the soil stratigraphy was observed to consist of sand or silty sand with trace cobbles overlying silty sand and gravel till to approximately 4.3 mbgs; and
- The Phase One Property is relatively flat with little relief. Local groundwater flow is inferred to be to the southwest, based on Pinchin's knowledge of the surrounding area and elevation calculations made during previous subsurface investigation reports.

There were no deviations from the Phase One ESA requirements specified in O. Reg. 153/04 or absence of information that have resulted in uncertainty that would affect the validity of the Phase One CSM.

8.0 CONCLUSIONS

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of O. Reg. 153/04. The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property in support of the potential Site Plan Approval application at the Phase One Property.

A total of five PCAs were identified within the Phase One Study Area, consisting of four PCAs at the Phase One Property and one PCA within the Phase One Study Area, outside of the Phase One Property. The on-Site PCAs do not represent APECs at the Phase One Property based on the results of previous subsurface environmental work completed at the Phase One Property (refer to Section 4.1.4), observations made during Pinchin's Site reconnaissance, the lack of spills reported by ERIS for the Phase One Property, and/or the fact that any maintenance/environmental issues related to the hydro vault would be the responsibility of Hydro Ottawa. In addition, the off-Site PCA does not represent an APEC for the Phase One Property given the distance from the Phase One Property and the inferred groundwater flow direction. Based on these findings, nothing was identified that is likely to have resulted in impacts to the soil and/or groundwater at the Phase One Property and would require the completion of a Phase Two ESA. As such, it is Pinchin's opinion that the Phase One Property is suitable for the purpose



of filing a Site Plan Approval with the City of Ottawa based only on the completion of this Phase One ESA report.

It should be noted that the references and sources for the information used in evaluating the Phase One Property are provided in the relevant sections of this report. Furthermore, specific references are also summarized in Section 9.0.

8.1 Signatures

This Phase One ESA was undertaken under the supervision of Scott Mather, P.Eng, QP_{ESA} in accordance with the requirements of O. Reg. 153/04 to support the future Site Plan Approval application at the Phase One Property. The conclusions and recommendations provided in this report represent the best judgement of the assessor based on the Site conditions observed on August 16, 2021, and a review of available historical information and information obtained from interviews.

We trust that the information provided in this report meets your current requirements.

8.2 Terms and Limitations

This Phase One ESA was performed in order to identify potential issues of environmental concern associated with the property located at Heron Gate 5 - 2821-2837, 2851 and 2861 Baycrest Drive, 1530-1592 Heron Road, and 2815-2879 Sandalwood Drive in Ottawa, Ontario (Phase One Property), at the time of the Site reconnaissance. This Phase One ESA was performed in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. This report was prepared for the exclusive use of Hazelview Developments Inc. (Client), subject to the terms, conditions and limitations contained within the duly authorized proposal for this project. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

If additional parties require reliance on this report, written authorization from Pinchin will be required. Such reliance will only be provided by Pinchin following written authorization from the Client. Pinchin disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs. No other warranties are implied or expressed. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law.

The information provided in this report is based upon analysis of available documents, records and drawings, and personal interviews. In evaluating the Site, Pinchin has relied in good faith on information provided by other individuals noted in this report. Pinchin has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information



provided by the current owner/occupant. Pinchin accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or contained in reports that were reviewed. The scope of work for this Phase One ESA did not include a visual or intrusive investigation for designated substances (e.g., asbestos, mould, PCB-containing electrical equipment, etc.) and, therefore, these materials may be present at the Site.

Pinchin makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and these interpretations may change over time.

Ontario Regulation 153/04 does not apply to environmental auditing or environmental management systems. Therefore, with respect to Site operations and conditions, compliance with applicable federal, provincial or municipal acts, regulations, laws and/or statutes was not evaluated as part of the Phase One ESA.

9.0 REFERENCES

The following documents, persons or organizations provided information used in this report:

- Ms. Edlyn Estrevillo, Property Manager at the Phase One Property for approximately one year, and Mr. Dennish Blasabas, Building Manager at Site Building A since approximately June 2020, and Mr. Ihsan Elhachemi, Building Manager at Site Building B since approximately October 2020 [Site Representatives].
- ERIS report entitled "Heron Gate 5, Ottawa, ON", and dated August 10, 2021 (ERIS Project #21080600049).
- Risk Management Services.
- The Atlas of Canada – Surficial Materials:
<http://atlas.nrcan.gc.ca/site/english/maps/environment/land/surficialmaterials/1>
- The Atlas of Canada – Bedrock Geology:
<http://atlas.gc.ca/site/english/maps/archives/3rdedition/environment/land/016?w=4&h=4&l=6&r=4&c=12>.
- Toporama – Topographic Maps:
<http://atlas.gc.ca/site/english/maps/topo/map>.



- Canadian Centre for Occupational Health & Safety:
http://www.ccohs.ca/oshanswers/phys_agents/phys_agents/radon.html.
- Canadian Standards Association (CSA) Standard. *CSA Z768-01, Phase I Environmental Site Assessment*, Canadian Standards Association International, November 2001, reaffirmed in 2012.
- National Air Photo Library, Ottawa, Ontario.
- Library and Archives of Canada, Ottawa, Ontario.
- Technical Standards & Safety Authority.
- Ministry of the Environment, Conservation and Parks.
- MECP Brownfields Environmental Site Registry.
- Google Earth™ Satellite Imagery.
- Intera Technologies Inc. *Inventory of Coal Gasification Plant Waste Sites in Ontario*. April 1987.
- Intera Technologies Inc. *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*. November 1988.
- Province of Ontario. Environmental Protection Act R.S.O. 1990, c. E.19 and Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act. Last amended by Ontario Regulation 333/13 on December 13, 2013.
- “Phase I-II Environmental Site Assessment and Phase III Site Remediation Program, Existing Heron Gate Residential Development between Heron and Walkley Roads, Ottawa, Ontario” prepared by John D. Paterson and Associates Limited for Minto Developments Inc., and dated January 17, 1997.
- “Phase II Environmental Site Assessment, Baycrest Building Herongate Residential Development, 2851 Baycrest Drive, Ottawa, Ontario” prepared by Trow Associates Inc. for Otnim Properties Limited, and dated August 2004.
- “Phase II Environmental Site Assessment, Cardinal Building Herongate Residential Development, 2861 Baycrest Drive, Ottawa, Ontario” prepared by Trow Associates Inc. for Otnim Properties Limited, and dated July 2004.
- “Heron Gate Residential Development Underground Storage Tank Removal and Soil Remediation, Baycrest Building, 2851 Baycrest Drive, Ottawa, Ontario” prepared by Trow Associates Inc. for Otnim Properties Limited, and dated April 2006.



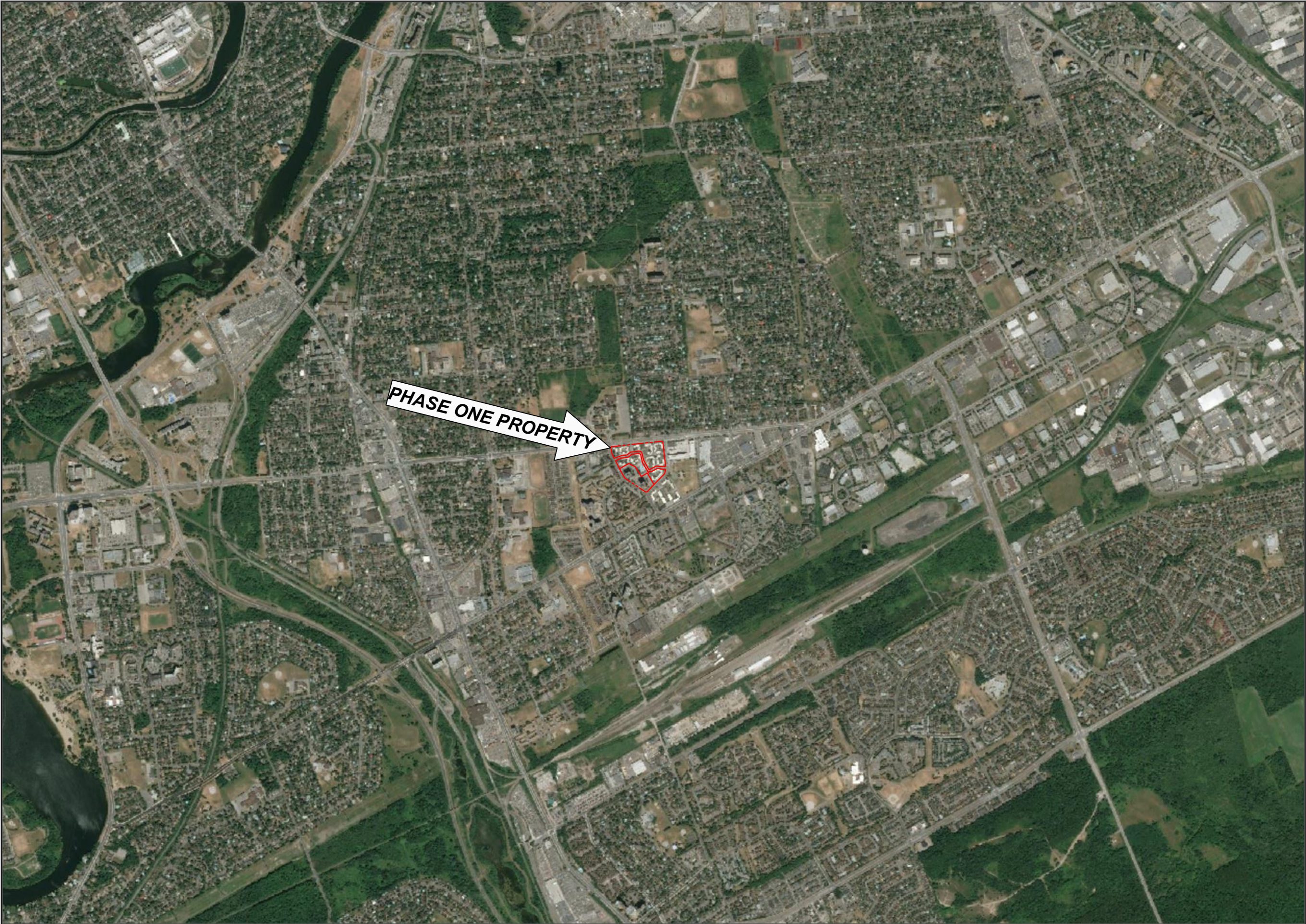
- *“Heron Gate Residential Development Underground Storage Tank Removal and Soil Remediation, Cardinal Building, 2861 Baycrest Drive, Ottawa, Ontario”* prepared by Trow Associates Inc. for Otnim Properties Limited, and dated October 2005.
- *“Peer Review Services of Environmental Assessment and Remediation Activities by Trow Associates At Various Properties Herongate and Bayshore Residential Developments, Ottawa, Ontario”* prepared by Golder Associates Ltd. for Otnim Properties Limited, and dated August 25, 2006.
- *“Phase I Environmental Site Assessment Ardea, Baycrest, Cardinal, Delaware, Edgedale Buildings and Recreation Centre Heron Gate Residential Development, Ottawa, Ontario”* prepared by Trow Associates Inc. for Otnim Properties Limited, and dated September 2006.
- *“Environmental Review, Heron Gate Village, Ottawa, Ontario”* prepared by PRL Environmental Services Ltd. for TransGlobe Property Management Services, and dated November 10, 2006.
- *“Phase I Environmental Site Assessment, Heron Gate 5 - 2851 Baycrest Drive, Ottawa, Ontario”* prepared by Pinchin Ltd. for Timbercreek Asset Management Inc., and dated September 21, 2015.
- *“Phase I Environmental Site Assessment, Heron Gate 5 - 2861 Baycrest Drive, Ottawa, Ontario”* prepared by Pinchin Ltd. for Timbercreek Asset Management Inc., and dated September 21, 2015.
- *“Phase I Environmental Site Assessment, Heron Gate 5 – Garden Homes, Ottawa, Ontario”* prepared by Pinchin Ltd. for Timbercreek Asset Management Inc., and dated September 21, 2015.

288344 SPA Phase One ESA Heron Gate 5 Ottawa ON Hazelview.docx

Template: Master Report for RSC Phase One ESA Report, EDR, October 16, 2020

10.0 APPENDICES

APPENDIX A
Figures



LEGEND IS COLOUR DEPENDENT.
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INTERPRETATION.



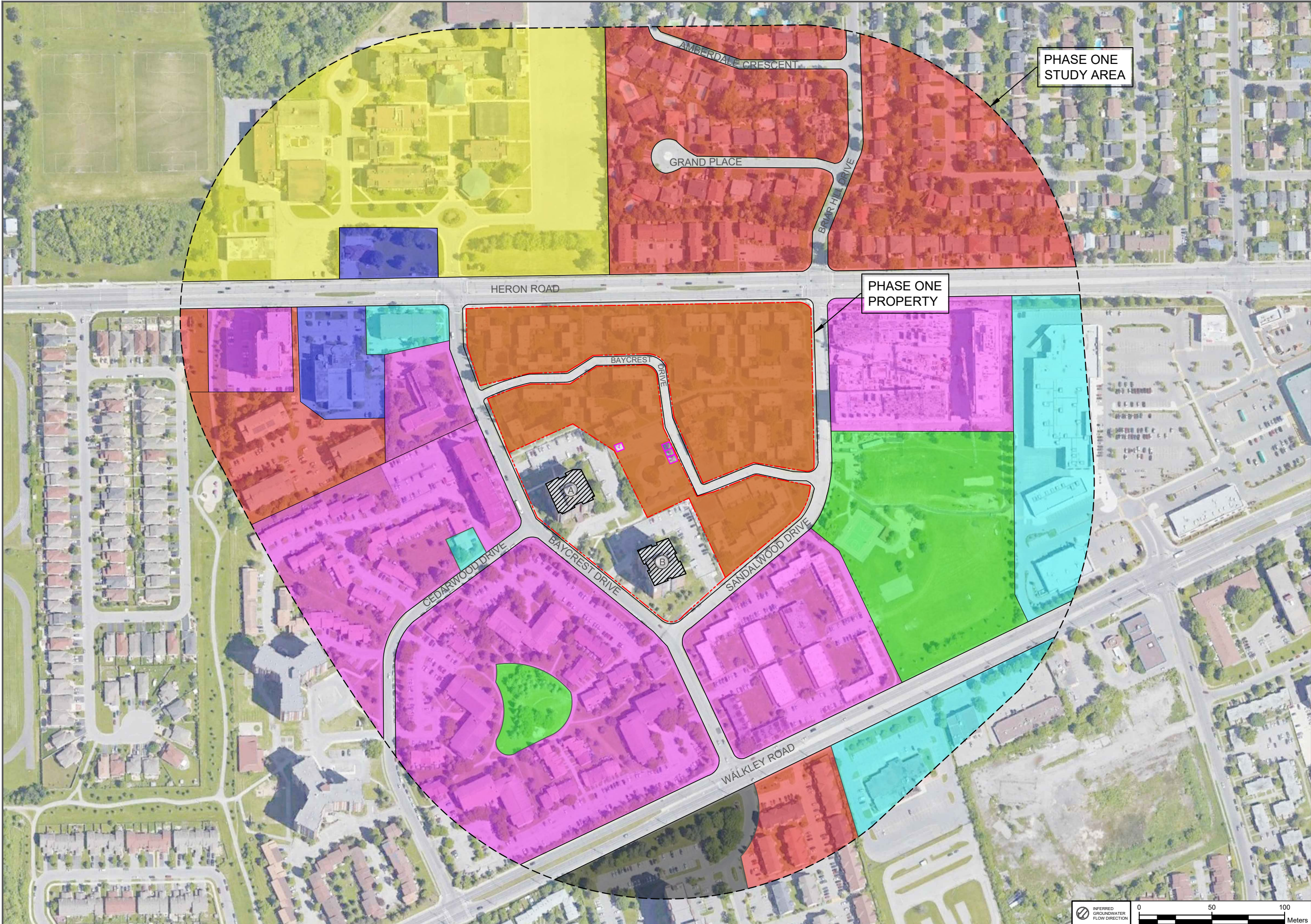
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ENVIRONMENTAL SITE
ASSESSMENT

CLIENT NAME:
HAZELVIEW DEVELOPMENTS
INC.

PROJECT LOCATION:
HERON GATE 5, OTTAWA,
ONTARIO

FIGURE NAME:
KEY MAP

PROJECT NUMBER: 288344	SCALE: 1:20000
DRAWN BY: KL	REVIEWED BY: KF
DATE: SEPT. 2021	FIGURE NUMBER: 1



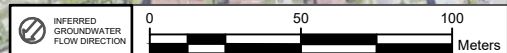
- LEGEND**
- PHASE ONE STUDY AREA
 - PHASE ONE SITE BOUNDARY
 - SITE BUILDING
 - COMMERCIAL
 - RESIDENTIAL
 - MULTI-TENANT RESIDENTIAL
 - MULTI-TENANT COMMERCIAL
 - INSTITUTIONAL
 - COMMUNITY
 - PARKLAND
 - VACANT LAND
 - OUTBUILDINGS

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NOTE:
1. ALL GARDEN HOMES REMOVED, NOW
VACANT LAND



PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	
CLIENT NAME: HAZELVIEW DEVELOPMENTS INC.	
PROJECT LOCATION: HERON GATE 5, OTTAWA, ONTARIO	
FIGURE NAME: PHASE ONE STUDY AREA	
PROJECT NUMBER: 288344	SCALE: AS SHOWN
DRAWN BY: KL	REVIEWED BY: KF
DATE: SEPT. 2021	FIGURE NUMBER: 2





- LEGEND**
- PHASE ONE BOUNDARY
 - POTENTIALLY CONTAMINATING ACTIVITY
 - PCA
 - PCA
 - GROUNDWATER MONITORING WELL
 - FORMER UNDERGROUND STORAGE TANK
 - PARKING
 - OUTBUILDINGS
 - VACANT LAND

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INTERPRETATION.

NOTE:
1. ALL GARDEN HOMES REMOVED, NOW
VACANT LAND



PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	
CLIENT NAME: HAZELVIEW DEVELOPMENTS INC.	
PROJECT LOCATION: HERON GATE 5, OTTAWA, ONTARIO	
FIGURE NAME: POTENTIALLY CONTAMINATING ACTIVITIES	
PROJECT NUMBER: 288344	SCALE: AS SHOWN
DRAWN BY: KL	REVIEWED BY: KF
DATE: SEPT. 2021	FIGURE NUMBER: 3



APPENDIX B
Photographs



Photo 1 – Site Building A (northwest elevation).



Photo 2 – Site Building A (northeast elevation).



Photo 3 – Hydro vault within the basement level of Site Building A (PCA).



Photo 4 – Site Building B (northwest elevation).



Photo 5 – Site Building B (southeast elevation).



Photo 6 – Hydro vault within the basement level of Site Building B (PCA).



Photo 7 – View from exterior to the north of the Site Buildings, looking north.



Photo 8 – View from the north-central boundary of the Phase One Property, looking south.



Photo 9 – Properties located north of the Phase One Property.



Photo 10 – Property located south of the Phase One Property.



Photo 9 – Properties located east of the Phase One Property.



Photo 10 – Properties located west of the Phase One Property.

APPENDIX C
Survey Plan

TOPOGRAPHIC PLAN OF SURVEY
BLOCK C
REGISTERED PLAN 796
CITY OF OTTAWA

Scale 1:400

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

BEARING NOTE
BEARINGS ARE GRID, DERIVED FROM CANMET VRS NETWORK GPS OBSERVATIONS ON NCC HORIZONTAL CONTROL MONUMENTS 1977035 AND 1980191, CENTRAL MERIDIAN, 78° 30' WEST LONGITUDE NAD83, DATUM 1980 (ORIGINAL).

ELEVATION NOTE
ELEVATIONS SHOWN HEREON ARE GEODETIC (CGVD-1928/1978) AND ARE DERIVED FROM THE CAN-MET VRS NETWORK MONUMENT: OTTAWA ELEVATION-95.230.

UTILITY NOTE
LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE AND PER THE CITY OF OTTAWA SHEETS, AND MUST BE VERIFIED PRIOR TO CONSTRUCTION.

ROTATION NOTE
A ROTATION OF 00°37'10" COUNTER CLOCKWISE HAS BEEN APPLIED TO BEARINGS ON PL.

LEGEND (IF APPLICABLE)	
	SET MONUMENTS
	IRON BAR
	ROUND IRON BAR
	STANDARD IRON BAR
	CONCRETE PIN
	WITNESS
	PROPERTY IDENTIFICATION NUMBER
	MEASURED
	PROPORTIONED
	ORIGINAL UNKNOWN
	STANTEC GEOMATICS LTD. REGISTERED PLAN 796
	PLAN BY STANTEC GEOMATICS LTD. DATED NOV. 2021
	AIR CONDITIONING UNIT
	ANCHOR
	AIR PUMP
	ANTENNA
	BOREHOLE
	BENCH
	BENCH MARK
	BOLARD
	BOULDER
	CATCH BASIN
	CB MANHOLE
	DOUBLE CB MANHOLE
	SEWER MANHOLE
	CHIMNEY
	CLEAN OUT
	CURB STOP VALVE
	DRAIN
	ELECTRICAL OUTLET
	FLAG POLE
	FLOOD LIGHT
	FIRE TANK FILLER CAP
	GARBAGE CAN
	PIPE FLANGE (GAS)
	GAS SERVICE REGULATOR
	GAS VALVE
	HEADSTONE
	HYDRO LIGHT STANDARD
	HYDRO METER
	HYDRO TRANSFORMER
	HAND WELL
	FIRE HYDRANT
	JUNCTION BOX
	LIGHT STANDARD
	MAILBOX
	MONITORING PIN
	MAINTENANCE HOLE UNIDENTIFIED
	MAINTENANCE HOLE BELL
	MAINTENANCE HOLE FIBRE OPTIC
	MAINTENANCE HOLE HYDRO
	MAINTENANCE HOLE SANITARY
	MAINTENANCE HOLE STORM
	MAINTENANCE HOLE TRAFFIC
	MONITORING WELL
	NEWS PAPER BOX
	OBSERVATION WELL
	PARKING METER
	FULL BOX
	PLAQUE
	PILLAR
	PICHTOMETER
	RED LIGHT CAMERA
	RAILWAY SIGNAL LIGHT
	SATELLITE DISH
	SCULPTURE
	SPRINKLER CONTROL VALVE
	SPRINKLER HEAD
	SIAMESE CONNECTION
	SIGN
	SOLAR PANEL
	SEPTIC TANK LID
	TABLE
	TERMINAL BOX - BELL
	TERMINAL BOX - CABLE
	TRAFFIC CONTROL BOX
	TEST PIT
	TRAFFIC SIGNAL LIGHT
	MARKER BELL UNDERGROUND
	MARKER CABLE UNDERGROUND
	MARKER GAS UNDERGROUND
	MARKER OIL UNDERGROUND
	UTILITY POLE
	VALVE BOX
	VALVE CHAMBER
	WATER VALVE
	TREE STUMP
	TREE CONIFEROUS
	TREE DECIDUOUS

	UNDERGROUND TELEPHONE
	UNDERGROUND HYDRO
	WATERMAIN
	GASMAIN
	STORM SEWER
	FOTS - UNDERGROUND FIBRE OPTIC

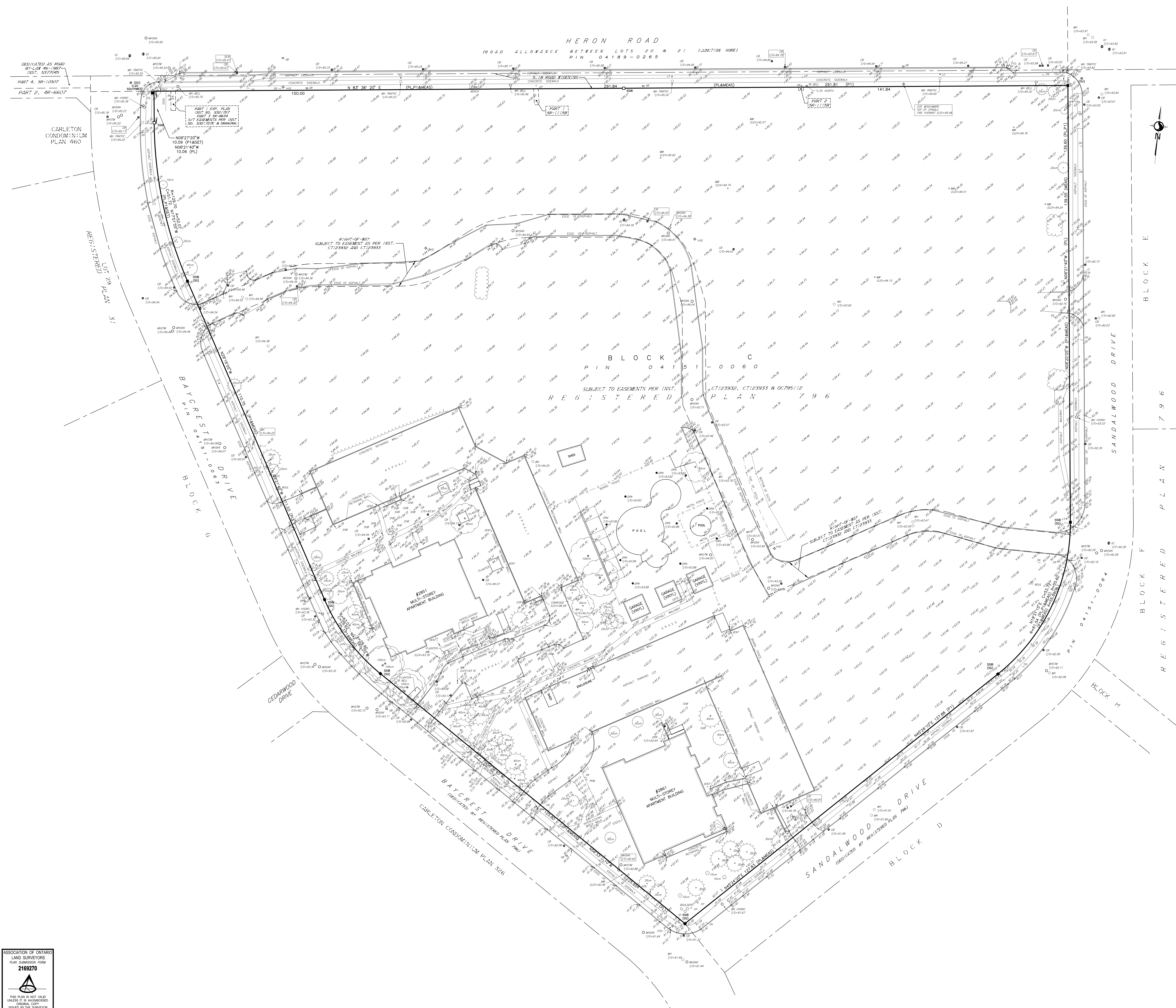
SURVEYOR'S CERTIFICATE
I CERTIFY THAT:
1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT.
2. THE SURVEYS ACT AND THE REGULATIONS MADE UNDER THEM.
3. THE SURVEY WAS COMPLETED ON THE 28th DAY OF AUGUST, 2021.

August 30, 2021
DATE
AMANDA BULWA
ONTARIO LAND SURVEYOR

SRO MAP COORD = 371328.19, 9026878.85
CANADA LAND SURVEYORS
ONTARIO LAND SURVEYORS
131 GILFILLAN AVENUE, SUITE 400
OTTAWA, ONTARIO, K2G 3G4
TEL: 416-772-4470
stantec.com

Stantec Geomatics Ltd.
DRAWN: NJ CHECKED: AB PM: AB FIELD: AWW/BZ PROJECT No.: 16161434.111

This plan was signed with a scanned signature as a result of the Emergency Order related to the COVID-19 pandemic.



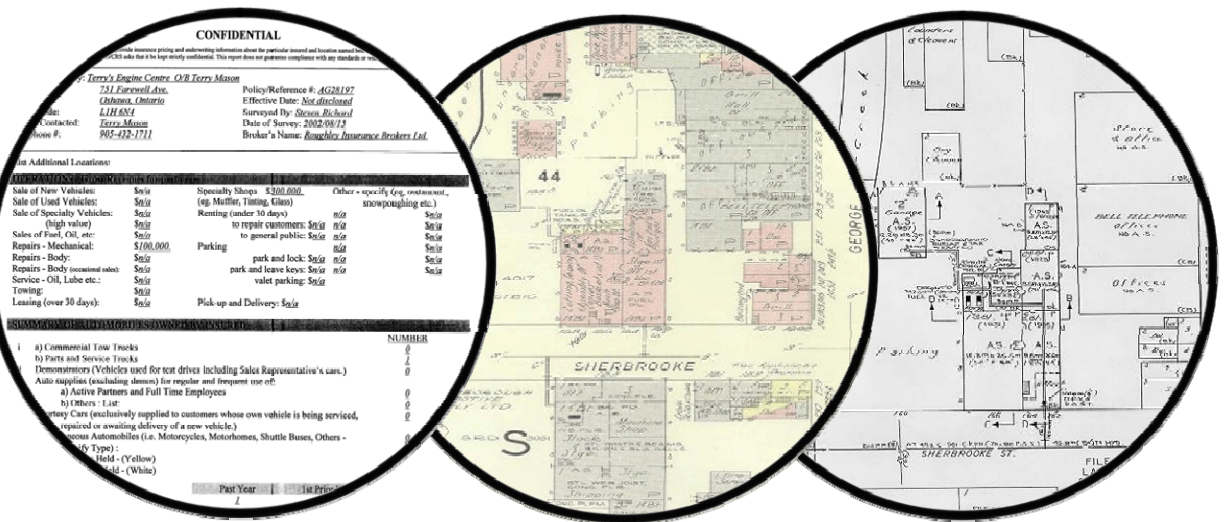
ASSOCIATION OF ONTARIO
LAND SURVEYORS
PLAN SUBMISSION FORM
2169270
THIS PLAN IS NOT VALID
UNLESS IT IS AN OMBROD
ORIGINAL COPY
ISSUED BY THE SURVEYOR
IN ACCORDANCE WITH
REGULATIONS MADE UNDER THE
SURVEYS ACT

APPENDIX D
RMS Records

HEIRS™



Historical
Environmental
Information
Reporting
System



Site Address:

2816-2896 & 2815-2879 Sandalwood Drive, 1530-1592 heron Rd, 2822-2886 & 2805-2889 Cedarwood Drive, 1463-1581 Walkley Rd and 2821-2905 & 2840-2898 Baycrest Drive Ottawa, ON

Project No:

59608

Requested by:

Skyler Besley
Pinchin Environmental

Date Completed:

June 18, 2010



RISK MANAGEMENT SERVICES
An **SCM** Company

150 Commerce Valley Drive W
Thornhill, ON L3T 7Z3
Tel: (905) 882-6300 xt5405
www.scm-rms.ca

Report Completed By:
Joan Majchrowski

MERCANTILE DIVISION

Canadian Underwriters' Association

SURVEY FOR RATING FIRE-RESISTIVE RISKS

Questions and diagram must be completed and the form signed by the owner, occupant or architect of the building

Location (Town and Street) OTTAWA, 2861 RAYCREST DRIVE Ins. Plan-SKET-600 862,300 No. NUP.
 Owned by MINTO CONSTRUCTION CO. Occupied by TENANTS.
 For 189 APT. HOUSE No. of hands _____
 Is building completely finished and out of workmen's hands? YES

OCCUPANCY

Give occupancy, kind of work, processes, machinery and number of hands on each floor

Basement MARKING SKED. - BOILER RM. - LAUNDRY RM. - GARBAGE RM. - PARTY RM. - SAWMILLING - REC. RM. - TRANSFORMER RM. - STEE RM.

1st 9 APTS.

2nd 10 APTS.

3rd U

4th P

5th T

6th O

19TH FLOOR.

7th

8th

CONSTRUCTION OF BUILDING-

1. TYPE OF CONSTRUCTION - Floors & Roof Carried on:

- (a) Skeleton Steel Framework
 (b) Reinforced Concrete, Framework
 (c) Bearing Walls & Partitions

☐
☒
☐

(d) Bearing Walls & Steel Columns

(e) Steel on Steel Walls & Roof

(f) Other Construction

☐
☐
☐

(Describe fully)

2. WALLS - State construction of external walls.

If bearing walls give thickness of walls in inches at each floor

12/HOB

12"

3. ROOF AND FLOOR - Materials

Roof ☒ Floors ☒

Roof ☐ Floors ☐

Roof ☐ Floors ☐

Roof ☐ Floors ☐

Roof ☐ Floors ☐

(a) Concrete, reinforced - Poured in place 6 inches thick

(b) Concrete, on metal pan - Poured in place _____ inches thick

(c) Concrete, Precast Units _____ inches thick

(Name of Manufacturer)

(d) Steel Deck, Construction #1 ☐ Otherwise ☐

If Construction #1 State method of attaching insulation to steel deck

Mechanical Fasteners ☐ Adhesive ☐ Otherwise ☐

If adhesive state trade name

(e) Other Materials - Describe and Show Thickness

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ROOF AND FLOOR — Method of support

- | | | |
|-------------------------------|---------------------------------|---|
| Roof ☐ | Floors ☐ | (a) Unprotected Steel Beams. |
| Roof ☐ | Floors ☐ | (b) Steel Beams Protected by _____ inches of _____ |
| Roof ☐ | Floors ☐ | (c) Reinforced Conc. Beams — Poured in place. |
| Roof ☐ | Floors ☐ | (d) Precast Concrete Structural Units _____ inches thick _____ (Name of Manufacturer) |
| Roof ☐ | Floors ☐ | (e) Bearing Walls Only. No Supporting Steel. |

If building is composed of more than one type of construction, identify sections of floor involving each type and indicate on plan.

(k) Is there any roof space exceeding 3 feet in height? NO If so, for what purpose is it used? _____

How is access obtained thereto? _____ If by trap or door, describe type _____

(l) Are all skylights of wired glass in metal frames? _____

(m) Is there any wood in roof, louvers, ventilators or skylights; if so give details _____

(n) Is there a wood roof laid over an incombustible one? _____ If so, how is it supported? _____

(o) If so, what is the maximum and minimum height of this above the incombustible roof? _____

(p) Is the incombustible roof broken by Texas, louvers, ventilator, trapdoor, skylight, stair, elevator, other shafts? _____

If so, what is the construction of the sides through roof space? _____

Is there any access or opening from these shafts to the roof space? Describe each separately. _____

(q) Is there a superstructure, water cooling tower, or Penthouse of any kind on the roof? YES If so, given dimensions, construction and occupancy 30 X 35 1-APT.

How is access obtained? STAIRS

(r) Is there a wood wearing floor? NO If so, on which storeys? _____

(s) Is it laid directly on incombustible floor or with an airspace? Describe _____

4. STEEL COLUMNS AND BEAMS — Are they fireproofed? NO If "Yes" state nature and thickness of such protection.

(a) Columns _____

(b) Beams _____

FLOOR OPENINGS

5. **STAIRWAYS** — How many, and state from which floor to which? 2. 1ST. TO 19TH.

Is there an enclosure around them? YES If so, describe construction of enclosure, and the doors, and whether doors are self-closing NEW WALLS, 1" W/ 12" DOORS.

6. **ELEVATORS** — How many, and state from which floor to which? 2. 1ST. TO 19TH.

Is there an enclosure around them? YES If so, describe construction of enclosure, and the doors, and whether doors are self-closing CONC. SHAFT, STD. ELEVATORS.

7. **CHUTES, VENTS, DUMB WAITERS & BELT HOLES & OTHER FLOOR OPENINGS** — Give size, construction of enclosure (if any), type of door (if any), and whether self-closing, stating which floors are cut by each GARBAGE CHUTE 19TH TO 1ST. "JUNKED" STD. 12" DOORS EACH FLOOR, NEW METAL LINED CHUTE.

8. **HEATING AND VENTILATING DUCTS** — Are there any? NO (a) Are ducts, which cut through floor, in masonry shafts? _____

(b) Give construction of shaft _____

(c) State whether separate duct to each floor without communication to other floors _____

(d) Do ducts open into roof space? _____

9. **HEIGHT** — State number of floors and whether there is a basement 19 STYS 1 BT.

10. **AREA** — Give ground floor dimensions 120 X 120 = 14,400 SQ. FT.

11. INTERIOR FINISH —

State separately for each floor, finish and method of attachment to walls and ceiling (if more than one type of finish is present on any one floor, state percentage of each type).

	Basement	1st	2nd	3rd	4th	5th	6th	
(a) Walls	CONC + PICO	GYPSUM	UP	TO	19TH			
(b) Ceilings	CONC + PICO	PICO						
(c) Partitions	GYPSUM	GYPSUM						

State extent of any wood partitions, or partitions having wood supports in square feet separately for each floor:—

(d) Is there any other inside or outside combustible finish or trim other than above? Describe fully LOOKS IN ANTS., GYPHONADE.

12. HEATING — What is the system of heating the building? HOT WATER. Where is heating plant located? IN KITCH.

Is it in fire-resistive room with standard fire door? YES. Are there any stoves; if so, how many and where located? —

Do any heating devices vent otherwise than to brick or concrete chimney; if so, give details —

What fuel is used? FUEL OIL

13. ELECTRIC WIRING — All wiring is in Rigid Conduit ☒ Otherwise ☐

Are all circuits protected by type "S" tamper resisting fuses or non-interchangeable circuit breakers? C.B.

14. POWER — Is any used? YES If so, what kind? ELEC. Total Horse Power? OVER 1 HP.

What used for? ELDG. SERVICES

If gasoline engine, state method of ignition, location and capacity of supply, tank, whether feed is pressure or gravity, quantity of gasoline in engine —

15. GASOLINE OR BENZINE, OR OTHER OILS — Are any kept? NO If so, what quantity of each? —

What used for? —

16. COMMUNICATIONS — Does the building communicate with any other building? NO (a) If so, give dimensions, height, construction and occupancy and indicate clearly on diagram —

(b) If so, are buildings separated by solid wall? — (c) If so, are all openings in this wall protected by self-closing U.L. labelled Class A fire doors? —

(d) If not, describe type of doors on each opening —

PUBLIC PROTECTION

17. FIRE DEPARTMENT — State distance to the nearest fire station —

18. HYDRANTS — What is the distance to the nearest two hydrants? 2 X 500 Give size of main 8"

INTERNAL PROTECTION

19. Show number units for each floor:

	Basement	1st	2nd	3rd	4th	5th	6th	7th	8th
Exts. 1, 2 1/2 Gal. Class A	2	2	UP	TO	19TH				
Exts. Class B & C	2								
Stand. Pipe & Hose	2	2	UP	TO	19TH				

20. WATCHMAN — Is there a Watchman making rounds of the whole premises, nights, Sundays, holidays, and at all times when plant is not in operation, rounds being made not less than once an hour during the night, i.e. from 6 p.m. to 6 a.m., and every two hours during the day?

(a) Does he use a portable clock, electric detector, or report to central station? —

(b) Give name of manufacturer of clock —

(c) Does it bear approval label of Underwriters' Laboratories? —

(d) Are the stations sufficient and so located that the Watchman must traverse each flat and every portion be visible to him? —

21. AUTOMATIC FIRE DETECTION SYSTEM — If such system is present provide details on questionnaire obtainable from Canadian Underwriters' Association. LOCAL.

MERCANTILE DIVISION

Canadian Underwriters' Association

SURVEY FOR RATING FIRE-RESISTIVE RISKS

Questions and diagram must be completed and the form signed by the owner, occupant or architect of the building

Location (Town and street) Ottawa Ins. Plan—S 600 B. 60198 No. 2851
 Owned by Alinto Const. Occupied by vrs tenants
 For a1 apartment house No. of hands _____
 Is building completely finished and out of workman's hands? yes

OCCUPANCY

Give occupancy, kind of work, processes, machinery and number of hands on each floor

Basement parking, boiler room, storage
 1st apts to 13th
11th recreation room
 2nd _____
 3rd B. 154 in. K 3125
AK 76/12
 4th _____
 5th _____
 6th _____

CONSTRUCTION OF BUILDING—

1. TYPE OF CONSTRUCTION— Floors & Roof Carried on:

(a) Skeleton Steel Framework ☐(d) Bearing Walls & Steel Columns ☐(b) Reinforced Concrete, Framework ☐(e) Steel on Steel Walls & Roof ☐(c) Bearing Walls & Partitions ☒(f) Other Construction ☐

(Describe fully)

2. WALLS— State construction of external walls. brick on HCB

If bearing walls give thickness of walls in inches at each floor

3. ROOF AND FLOOR — Materials

Roof ☐Floors ☒(a) Concrete, reinforced — Poured in place 21 inches thick on hembra joistsRoof ☐Floors ☐

(b) Concrete, on metal pan — Poured in place _____ inches thick

Roof ☐Floors ☐

(c) Concrete, Precast Units _____ inches thick (Name of Manufacturer)

Roof ☐Floors ☐(d) Steel Deck, Construction #1 ☐ Otherwise ☐

If Construction #1 State method of attaching insulation to steel deck

Mechanical Fasteners ☐ Adhesive ☐ Otherwise ☐

If adhesive state its name

Roof ☐Floors ☐

(e) Other Materials _____ and Show Thickness

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ROOF AND FLOOR — Method of support

Roof ☐ Floors ☐
 Roof ☐ Floors ☐
 Roof ☐ Floors ☐
 Roof ☐ Floors ☐
 Roof ☒ Floors ☒

- (a) Unprotected Steel Beams.
 (b) Steel Beams Protected by _____ inches of _____
 (c) Reinforced Conc. Beams — Poured in place.
 (d) Precast Concrete Structural Units _____ inches thick _____
 (e) Bearing Walls Only. type of steel & Hambro steel joists (Name of Manufacturer)

If building is composed of more than one type of construction, identify sections of floor involving each type and indicate on plan.

- (a) Is there any roof space exceeding 3 feet in height? no If so, for what purpose is it used? _____
 How is access obtained thereto? _____ If by trap or door, describe type _____
 (b) Are all skylights of wired glass in metal frames? _____
 (c) Is there any wood in roof, louvers, ventilators or skylights; if so give details no _____
 (d) Is there a wood roof laid over an incombustible one? no If so, how is it supported? _____
 (e) If so, what is the maximum and minimum height of this above the incombustible roof? _____
 (f) Is the incombustible roof broken by tests, louvers, ventilator, trapdoor, skylight, stair, elevator, other shafts? _____
 If so, what is the construction of the shafts through roof space? _____
 Is there any access or opening from these shafts to the roof space? Describe each separately. _____

- (g) Is there a superstructure, water cooling tower, or Penthouse of any kind on the roof? yes If so, give dimensions, construction and occupancy 50' x 35'
F.R. Rec. room & elevator motors How is access obtained? stair & elevator
 (h) Is there a wood wearing floor? _____ If so, on which storeys? _____
 (i) Is it laid directly on incombustible floor or with an airspace? Describe _____

4. STEEL COLUMNS AND BEAMS — Are they fireproofed? If "Yes" state nature and thickness of such protection.

- (a) Columns _____
 (b) Beams. 1" gypsum board

FLOOR OPENINGS

5. **STAIRWAYS** — How many, and state from which floor to which? 2; 1 bast to 13th & 1 bast to 13th
 Is there an enclosure around them? _____ If so, describe construction of enclosure, and the doors, and whether doors are self-closing _____
 6. **ELEVATORS** — How many, and state from which floor to which? 2 — 1 bast to 14th — 1 bast to 13th
 Is there an enclosure around them? _____ If so, describe construction of enclosure, and the doors, and whether doors are self-closing _____

7. **CHUTES, VENTS, DUMB WAITERS & BELT HOLES & OTHER FLOOR OPENINGS** — Give size, construction of enclosure (if any), type of door (if any), and whether self-closing, stating which floors are cut by each refuse chute to basement 8" HCB shaft w/c metal doors

8. **HEATING AND VENTILATING DUCTS** — Are there any? yes (a) Are ducts, which cut through _____, in masonry shafts? no
 (b) Give construction of shaft gyproc (c) State whether separate duct to each floor without communication to other floors. _____
fire damper each floor (d) Do ducts open into roof space? _____

9. **HEIGHT** — State number of floors and whether there is a basement 14 & basement
 10. **AREA** — Give ground floor dimensions 95 x 110 = 10,450 sq. ft.

11. INTERIOR FINISH —

State separately for each floor, finish and method of attachment to walls and ceiling (If more than one type of finish is present on any one floor, state percentage of each type).

	Basement	1st	2nd	3rd	4th	5th	6th	
(a) Walls	Conc	Gyp	Gyp	Gyp	to 14th			
(b) Ceilings	Conc	Gyp	Gyp	Gyp	to 4th			
(c) Partitions								

State extent of any wood partitions, or partitions having wood supports in square feet separately for each floor:—

(d) Is there any other inside or outside combustible finish or trim other than above? Describe fully.

12. HEATING — What is the system of heating the building? hot water Where is heating plant located? basement

Is it in fire-resistive room with standard fire door? no Are there any stoves; if so, how many and where located

Do any heating devices vent otherwise than to brick or concrete chimney; if so, give details.

What fuel is used? oil

13. ELECTRIC WIRING — All wiring is in Rigid Conduit ☐ Otherwise ☒

Are all circuits protected by type "S" tamper resisting fuses or non-interchangeable circuit breakers? no

14. POWER — Is any used? yes If so, what kind? electric Total Horse Power? over 1 h.p.

What used for? building services only

If gasoline engine, state method of ignition, location and capacity of supply tank, whether feed is pressure or gravity, quantity of gasoline in engine.

15. GASOLINE OR BENZINE, OR OTHER OILS — Are any kept? no If so, what quantity of each?

What used for?

16. COMMUNICATIONS — Does the building communicate with any other building? no (a) If so, give dimensions, height, construction and occupancy and indicate clearly on diagram

(b) If so, are buildings separated by solid wall? (c) If so, are all openings in this wall protected by self-closing U.L. labelled Class A fire doors?

(d) If not, describe type of doors on each opening

PUBLIC PROTECTION

17. FIRE DEPARTMENT — State distance to the nearest fire station 100 ft. & 500 ft.

18. HYDRANTS — What is the distance to the nearest two hydrants? 100 ft. & 500 ft. Give size of main 6 in.

INTERNAL PROTECTION

19. Show number units for each floor:

	Basement	1st	2nd	3rd	4th	5th	6th	7th	8th
Extrs. 2 1/2 Gal. Class A	2	2	2	2	to 13th		14th		
Extrs. Class B & C							1		
Stand Pipe & Hose	2	2	2	2	to 13th		1		

20. WATCHMAN — Is there a Watchman making rounds of the whole premises, nights, Sundays, holidays, and at all times when plant is not in operation, rounds being made not less than once an hour during the night, i.e. from 6 p.m. to 6 a.m., and every two hours during the day?

(a) Does he use a portable clock, electric detector, or report to central station?

(b) Give name of manufacturer of clock

(c) Does it bear approval label of Underwriters' Laboratories

(d) Are the stations sufficient and so located that the Watchman must traverse each flat and every portion be visible to him?

21. AUTOMATIC FIRE DETECTION SYSTEM — If such system is present provide details on questionnaire obtainable from Canadian Underwriters' Association

MFR 20162

Canadian Underwriters' Association

SURVEY FOR RATING FIRE-RESISTIVE RISKS

Questions and diagram must be completed and the form signed by the owner, occupant or architect of the building

Location (Town and Street) Ottawa Ins. Plan-S 600A B. 60198 No. 2840
 Owned by Minto Constn Occupied by vrs tenants
 For a n apartment house No. of hands

Is building completely finished and out of workmen's hands?

yes

OCCUPANCY

Give occupancy, kind of work, processes, machinery and number of hands on each floor

Basement lockers, laundry room boiler room & garage1st apts 1st to 8th

2nd

3rd

4th

5th

6th

CONSTRUCTION OF BUILDING

1. TYPE OF CONSTRUCTION - Floors & Roof Carried on:

(a) Skeleton Steel Framework

☒

(d) Bearing Walls & Steel Columns

☐

(b) Reinforced Concrete, Framework

☐

(e) Steel on Steel Walls & Roof

☐

(c) Bearing Walls & Partitions

☐

(f) Other Construction

☐

(Describe fully)

2. WALLS - State construction of external walls. 4" brick on 8" hob

If bearing walls give thickness of walls in inches at each floor

3. ROOF AND FLOOR - Materials

Roof ☐Floors ☐

(a) Concrete, reinforced - Poured in place. inches thick

Roof ☐Floors ☒(b) Concrete, on metal pan - Poured in place. 2 1/2 inches thickRoof ☐Floors ☐

(c) Concrete, Precast Units inches thick

(Name of Manufacturer)

Roof ☒Floors ☐(d) Steel Deck, Construction #1 ☐ Otherwi- ☐

If Construction #1 State method of attaching insulation to steel deck

Mechanical Fasteners ☐Adhesive ☐Otherwise ☐

If adhesive state trade name

Roof ☐Floors ☐

(e) Other Materials - Describe and Show Thickness

FORM 20162

(over)

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ROOF AND FLOOR -- Method of support

- | | | |
|--|--|---|
| Roof ☐ | Floors ☐ | (a) Unprotected Steel Beams. |
| Roof ☒ | Floors ☒ | (b) Steel Beams Protected by <u>5/8</u> inches of <u>gypsum board</u> |
| Roof ☐ | Floors ☐ | (c) Reinforced Conc. Beams - Paired in place. |
| Roof ☐ | Floors ☐ | (d) Precast Concrete Structural Units _____ inches thick _____ (Name of Manufacturer) |
| Roof ☐ | Floors ☐ | (e) Bearing Walls Only. No Supporting Steel. |

If building is composed of more than one type of construction, identify sections of floor involving each type and indicate on plan.

- (a) Is there any roof space exceeding 3 feet in height? _____ If so, for what purpose is it used? _____
How is access obtained thereto? _____ If by trap or door, describe type _____
- (b) Are all skylights of wired glass in metal frames? _____
- (c) Is there any wood in roof, louvers, ventilators or skylights; if so give details _____
- (d) Is there a wood roof laid over an incombustible one? _____ If so, how is it supported? _____
- (e) If so, what is the maximum and minimum height of this above the incombustible roof? _____
- (f) Is the incombustible roof broken by Texas, louvers, ventilator, trapdoor, skylight, stair, elevator, other shafts? _____
If so, what is the construction of the sides through roof space? _____
Is there any access or opening from these shafts to the roof space? Describe each separately. _____

- (g) Is there a superstructure, water cooling tower, or Penthouse of any kind on the roof? YES If so, given dimensions, construction and occupancy 20 X 15
FOR ELEVATOR PENT How is access obtained? TRAP THRU ROOF
- (h) Is there a wood wearing floor? yes If so, on which storeys? 1st to 8th
- (i) Is it laid directly on incombustible floor or with an airspace? Describe _____

4. STEEL COLUMNS AND BEAMS - Are they fireproofed? no If "Yes" state nature and thickness of such protection.

- (a) Columns _____
- (b) Beams _____

FLOOR OPENINGS

- 5. STAIRWAYS -** How many, and state from which floor to which? 2nd to 8th
Is there an enclosure around them? yes If so, describe construction of enclosure, and the doors, and whether doors are self-closing hob shaft
with s/c balance doors

- 6. ELEVATORS -** How many, and state from which floor to which? 2nd to 8th
Is there an enclosure around them? yes If so, describe construction of enclosure, and the doors, and whether doors are self-closing hob shaft with self closing, hollow metal doors

- 7. CHUTES, VENTS, DUMB WAITERS & BELT HOLDS & OTHER FLOOR OPENINGS -** Give size, construction of enclosure (if any), type of door (if any), and whether self-closing, stating which floors are cut by each refuse chute sheet metal chute in gypsum board enclosure with s/c metal doors, 3th to basement

- 8. HEATING AND VENTILATING DUCTS -** Are there any? yes (a) Are ducts, which cut through floor, in masonry shafts? no
(b) Give construction of shaft gypsum board (c) State whether separate duct to each floor without communication to other floors _____
fire damper at each floor level (d) Do ducts open into roof space? _____

- 9. HEIGHT -** State number of floors and whether there is a basement 8 and basement

- 10. AREA -** Give ground floor dimensions 239 x 55 - (garage 190 x 123)
= 13,145 sq ft

11. INTERIOR FINISH —

State separately for each floor, finish and method of attachment to walls and ceiling (If more than one type of finish is present, on any one floor, state percentage of each type).

	Bas.	1st	2nd	3rd	4th	5th	6th	
(a) Walls	hcbn	P/ESP	P/ESP	II	II	II	II	
(b) Ceilings	P/ESP	II	II	II	II	II	II	
(c) Partitions	hcb	hcb hcb	hcb	hcb	hcb	hcb	hcb	

State extent of any wood partitions, or partitions having wood supports in square feet separately for each floor:—

(d) Is there any other inside or outside combustible finish or trim other than above? Describe fully:—

12. HEATING — What is the system of heating the building? hot water Where is heating plant located? basement
 Is it in fire-resistive room with standard fire door? no Are there any stoves; if so, how many and where located?
 Do any heating devices vent otherwise than to brick or concrete chimney; if so, give details
 What fuel is used? oil

13. ELECTRIC WIRING — All wiring is in Rigid Conduit ☐ Otherwise ☒
 Are all circuits protected by type ^{UL} tamper resisting fuses or non-interchangeable circuit breakers? no
 14. POWER — Is any used? yes If so, what kind? electric Total Horse Power? over 1
 What used for? building services
 If gasoline engine, state method of ignition, location and capacity of supply, tank, whether feed is pressure or gravity, quantity of gasoline in engine

15. GASOLINE OR BENZINE, OR OTHER OILS — Are any kept? no If so, what quantity of each?
 What used for?

16. COMMUNICATIONS — Does the building communicate with any other building? no (a) If so, give dimensions, height, construction and occupancy and indicate clearly on diagram
 (b) If so, are buildings separated by solid wall? (c) If so, are all openings in this wall protected by self-closing U.L. labelled Class A fire doors?
 (d) If not, describe type of doors on each opening

17. FIRE DEPARTMENT — State distance to the nearest fire station. 3 miles PUBLIC PROTECTION
 18. HYDRANTS — What is the distance to the nearest two hydrants? 150 & 250 Give size of main 6"

INTERNAL PROTECTION

19. Show number units for each floor:

	Basement	1st	2nd	3rd	4th	5th	6th	7th	8th
Extr. 2 1/2 Gal. Class A	2	2	2	2	2	2	2	2	2
Extr. Class B & C									
Stand. Pipe & Hose	2	2	2	2	2	2	2	2	2

20. WATCHMAN — Is there a Watchman making rounds of the whole premises, nights, Sundays, holidays, and at all times when plant is not in operation, rounds being made not less than once an hour during the night, i.e. from 6 p.m. to 6 a.m., and every two hours during the day? no
 (a) Does he use a portable clock, electric detector, or report to central station?
 (b) Give name of manufacturer of clock (c) Does it bear approval label of Underwriters' Laboratories
 (d) Are the stations sufficient and so located that the Watchman must traverse each flat and every portion be visible to him?

21. AUTOMATIC FIRE DETECTION SYSTEM — If such system is present provide details on questionnaire obtainable from Canadian Underwriters' Association.

DIAGRAM

(Note: — A diagram is not required if the Risk and all property within 100 feet is exactly as shown on the insurance plan.)

Show all Buildings within 50 feet of the Risk and describe their occupancy, show also any openings between adjoining Buildings and all exposed Windows.

Show location of Hydrants

Show Frame Buildings with **BLACK**, Brick Building with **RED**, Stone or Concrete Buildings with **BLUE** and Brick Veneered, Brick Nogged or Metal Clad Buildings with **DOTTED RED** lines for which purpose a red pencil can be used. Be sure to state exact distance between buildings shown.

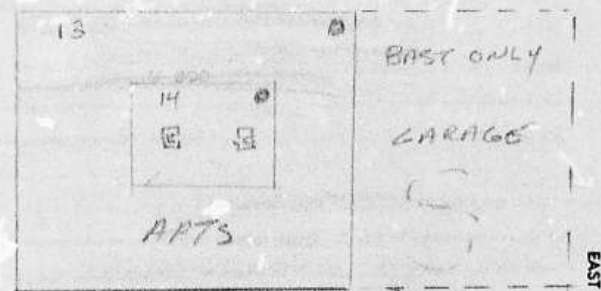
Please Draw Diagram at a scale of 50 feet = 1 inch (same as the Insurance Plans).

NORTH

WEST

BAYCREST DRIVE

O-6"



EAST

SOUTH

EXPOSURE: Note — These questions must be answered fully.

North	ft. to building built of	stories high, occupied as
South	" " NO. EXPOSURE	" "
East	" "	" "
West	" "	" "

I hereby state that the above questions are fully and correctly answered, and agree that they shall form the basis of rating to be given by the C.U.A.

DATE 29 June 1972

SIGNATURE F.K. Hunt
(State whether Owner, Occupant or Architect)

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DIAGRAM

(Note: — A diagram is not required if the Risk and all property within 100 feet is exactly as shown on the insurance plan.)

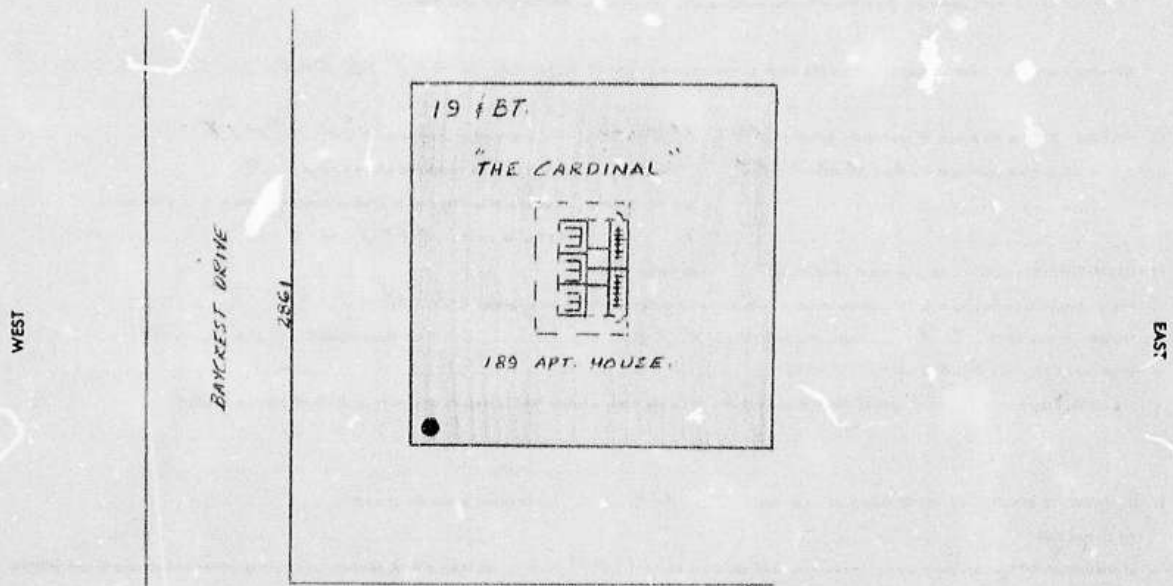
Show all Buildings within 50 feet of the Risk and describe their occupancy, show also any openings between adjoining Buildings and all exposed Windows.

Show location of Hydrants

Show Frame Buildings with **BLACK**, Brick Building with **RED**, Stone or Concrete Buildings with **BLUE** and Brick Veneered, Brick Nogged or Metal Clad Buildings with **DOTTED RED** lines for which purpose a red pencil can be used. Be sure to state exact distance between buildings shown.

Please Draw Diagram at a scale of 50 feet = 1 inch (same as the Insurance Plans).

NORTH



SOUTH

EXPOSURE: Note — These questions must be answered fully.

North	1	ft. to building built of	stories high, occupied as
South	1	" "	" "
East	1	" "	" "
West	1	" "	" "

I hereby state that the above questions are fully and correctly answered, and agree that they shall form the basis of rating to be given by the C.U.A.

DATE Feb 27, 1973

SIGNATURE *[Signature]*
(State whether Owner, Occupant or Architect)

1971

DIA. AM

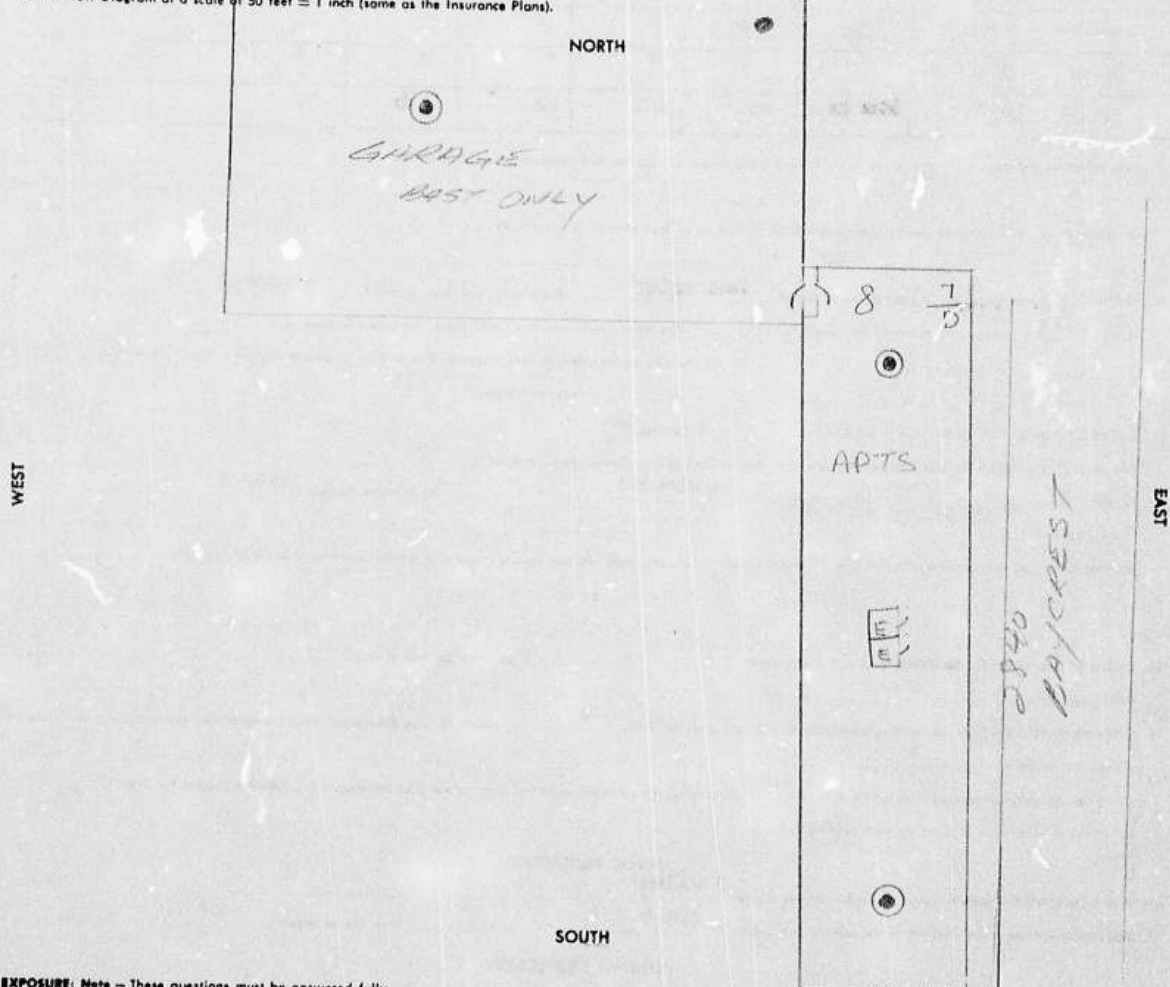
(Note: — A diagram is not required if the Risk and all property within 100 feet is exactly as shown on the insurance plan.)

Show all Buildings within 50 feet of the Risk and describe their occupancy, show also any openings between adjoining Buildings and all exposed Windows.

Show location of Hydrants

Show Frame Buildings with **BLACK**, Brick Buildings with **RED**, Stone or Concrete Buildings with **BLUE** and Brick Veneered, Brick Noggad or Metal Clad Buildings with **DOTTED RED** lines for which purpose a red pencil can be used. Be sure to state exact distance between buildings shown.

Please Draw Diagram at a scale of 50 feet = 1 inch (same as the Insurance Plans).



EXPOSURE: Note — These questions must be answered fully.

North	ft. to building built of	stories high, occupied as
South	" "	" "
East	" "	" "
West	" "	" "

NO EXPOSURE

I hereby state that the above questions are fully and correctly answered, and agree that they shall form the basis of rating to be given by the C.U.A.

DATE 13 March, 19 71

SIGNATURE P. K. Hunt
(State whether Owner, Occupant or Architect)

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APPENDIX E
ERIS Report



DATABASE REPORT

Project Property:	<i>Heron Gate 5 Ottawa Ontario Baycrest Dr Ottawa ON K1V 288344</i>
Project No:	<i>288344</i>
Report Type:	<i>Quote - Custom-Build Your Own Report</i>
Order No:	<i>21080600049</i>
Requested by:	<i>Pinchin Ltd.</i>
Date Completed:	<i>August 10, 2021</i>

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Executive Summary

Property Information:

Project Property: *Heron Gate 5 Ottawa Ontario
Baycrest Dr Ottawa ON K1V*

Project No: *288344*

Order Information:

Order No: *21080600049*
Date Requested: *August 6, 2021*
Requested by: *Pinchin Ltd.*
Report Type: *Quote - Custom-Build Your Own Report*

Historical/Products:

Topographic Map *ANSI Map & Ontario Base Map (OBM)*

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	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	1	3	4
CA	Certificates of Approval	Y	0	2	2
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	3	3
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	20	20
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	4	4
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	4	4
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	2	39	41
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
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	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTTW	Permit to Take Water	Y	0	1	1
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	1	0	1
SPL	Ontario Spills	Y	0	11	11
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	1	4	5
Total:			5	95	100

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>1</u>	WWIS		ON <i>Well ID:</i> 1508275	NW/0.0	0.00	<u>29</u>
<u>2</u>	BORE		ON	NW/0.0	0.00	<u>31</u>
<u>3</u>	GEN	OTNIM Properties Ltd.	2861 Baycrest Cres. Ottawa ON K1V 8X8	WSW/0.0	-1.31	<u>32</u>
<u>3</u>	GEN	Minto Management Limited	2861 BAYCREST DR Ottawa ON K1V 8X8	WSW/0.0	-1.31	<u>33</u>
<u>4</u>	SCT	ARCPROTEC INC	2847 C SANDALWOOD DR OTTAWA ON K1V 7P4	ESE/0.0	-1.00	<u>33</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>5</u>	EHS		Various Residential Addresses (Baycrest Dr., Cedarwood Cr., Sandalwood Dr., Walkley Rd.) Ottawa ON	NNW/11.5	0.20	<u>33</u>
<u>6</u>	SPL	Transglobe Property Management Ltd.	2840 Baycrest Avenue Ottawa ON	W/28.5	-0.92	<u>33</u>
<u>7</u>	SPL	PRIVATE OWNER	FEDERAL STUDIES CENTRE, 1491 HERON ROAD. AIR CONDITIONING UNIT OTTAWA CITY ON K1V 6A6	WNW/31.5	-0.03	<u>34</u>
<u>8</u>	CA	PUBLIC WORKS & GOVT. SERVICES CANADA	1495 HERON ROAD OTTAWA CITY ON K1V 6A6	NW/31.6	-0.01	<u>34</u>
<u>8</u>	GEN	BROOKFIELD LEPAGE JOHNSON CONTROLS	FEDERAL STUDY CENTRE 1495 HERON ROAD OTTAWA ON K1V 6A6	NW/31.6	-0.01	<u>35</u>
<u>8</u>	GEN	PUBLIC WORKS & GOVERNMENT SERVICES CANADA	1495 HERON ROAD FEDERAL STUDY CENTRE OTTAWA ON K1V 6A6	NW/31.6	-0.01	<u>35</u>
<u>8</u>	GEN	PUBLIC WORKS AND GOV'T SERVICES CANADA	FEDERAL STUDY CENTER 1495 HERON ROAD OTTAWA ON K1V 6A6	NW/31.6	-0.01	<u>35</u>
<u>8</u>	GEN	PUBLIC WORKS AND GOV'T SERVICES CANADA	FEDERAL STUDY CENTER 1495 HERON ROAD OTTAWA ON K1V 6A6	NW/31.6	-0.01	<u>36</u>
<u>8</u>	GEN	Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	NW/31.6	-0.01	<u>36</u>
<u>8</u>	GEN	Five Star Enterprises	1495 Heron Road Ottawa ON K1V 6A6	NW/31.6	-0.01	<u>37</u>
<u>8</u>	GEN	Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	NW/31.6	-0.01	<u>37</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>8</u>	GEN	Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	NW/31.6	-0.01	<u>38</u>
<u>8</u>	GEN	Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	NW/31.6	-0.01	<u>39</u>
<u>9</u>	EHS		2810 Baycrest Drive Ottawa ON K1V 7P7	W/50.0	-1.00	<u>39</u>
<u>10</u>	EHS		1565 Heron Rd Ottawa ON K1V9V1	NNE/51.0	1.00	<u>40</u>
<u>11</u>	GEN	Jemcor Elevating Inc.	2805 Cedarwood Drive Ottawa ON K1V 0G8	SSW/60.8	-2.00	<u>40</u>
<u>11</u>	GEN	Jemcor Elevating Inc.	2805 Cedarwood Drive Ottawa ON K1V 0G8	SSW/60.8	-2.00	<u>40</u>
<u>12</u>	EHS		2845 Cedarwood Drive Ottawa ON K1V 0G6	SSW/74.6	-2.00	<u>40</u>
<u>13</u>	EHS		2874 Sandalwood Dr Ottawa ON K1V 7P4	SE/77.1	-1.31	<u>41</u>
<u>13</u>	EHS		2874 Sandalwood Dr Ottawa ON K1V 7P4	SE/77.1	-1.31	<u>41</u>
<u>13</u>	EHS		2874 Sandalwood Dr Ottawa ON K1V 7P4	SE/77.1	-1.31	<u>41</u>
<u>14</u>	PTTW	Timbercreek Developments Inc.	Herongate 7 Development Address: 2816- 2838 Sandalwood Dr Gore/Gloucester, Ottawa, City District Office: Ottawa Site #: 5408-AJBKHR GLOUCESTER ON	ENE/79.6	-1.00	<u>41</u>
<u>15</u>	GEN	OTTAWA R.C. SEPARATE SCHOOL BOARD	ST. PATRICK'S HIGH SCHOOL 1485 HERON RD. OTTAWA ON K1V 6A6	WNW/82.5	0.69	<u>42</u>
<u>15</u>	GEN	OTTAWA R.C. SEPARATE SCHOOL BOARD 29-314	ST. PATRICK'S INTERMEDIATE 1485 HERON RD.	WNW/82.5	0.69	<u>42</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			OTTAWA ON K1V 6A6			
15	GEN	OTTAWA-CARLETON CATHOLIC SCHOOL BOARD	ST. PATRICK'S INTERMEDIATE SCHOOL 1485 HERON ROAD OTTAWA ON K1V 6A6	WNW/82.5	0.69	42
15	GEN	Ottawa-Carleton Catholic School Board	St. Patrick Intermediate School 1485 Heron Road Ottawa ON K1V 6A6	WNW/82.5	0.69	43
15	GEN	Ottawa Catholic District School Board	1485 Heron Road Ottawa ON K1V 6A6	WNW/82.5	0.69	43
15	GEN	Ottawa Catholic District School Board	1485 Heron Road Ottawa ON K1V 6A6	WNW/82.5	0.69	44
16	GEN	Gerry Crepin Cartage Limited	2816 Sandalwood Drive Ottawa ON K1V 7P4	ENE/83.8	-1.00	44
16	EHS		2816 Sandalwood Drive Ottawa ON K1V 0W2	ENE/83.8	-1.00	44
17	EHS		Sandalwood Park 2850 Sandalwood Drive Ottawa ON	ESE/105.7	-2.00	44
18	SPL	OTTAWA, THE CITY OF	1544F BAYCREST (N.O.S.) OTTAWA CITY ON	SSE/128.4	-3.12	45
19	BORE		ON	WNW/132.7	1.04	45
20	CA	OTTAWA CITY-WALKLEY ARENA COMPLEX	1533 WALKLEY ROAD OTTAWA CITY ON	SE/137.9	-2.69	47
21	WWIS		1128 WALKLEY RD lot A con 4 Ottawa ON Well ID: 7276471	SSE/149.2	-3.00	47
22	EHS		1450 Heron Rd Ottawa ON K1V6A5	W/159.3	-0.03	49

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>23</u>	SPL	PRIVATE RESIDENCE	1440 HERON ROAD FURNACE OIL TANK OTTAWA CITY ON K1V 0X2	W/165.4	0.92	<u>50</u>
<u>24</u>	SPL	S. 21	2832 S Cedarwood Drive Ottawa ON K1V 7R1	SW/185.1	-0.97	<u>50</u>
<u>25</u>	EHS		2805, 2898, 2889, 2865 Cedarwood Dr. Ottawa ON K1V 0G8	SSW/190.0	-0.92	<u>51</u>
<u>26</u>	HINC		2845 CEDARWOOD DRIVE, UINIT 48 GLOUCESTER ON	SW/194.9	-0.97	<u>51</u>
<u>26</u>	PINC		2865 Cedarwood Dr. Ottawa ON	SW/194.9	-0.97	<u>51</u>
<u>27</u>	SPL	PRIVATE RESIDENCE	MINTO MANAGEMENT LTD. 2850 CEDARWOOD DRIVE FURNACE OIL TANK OTTAWA CITY ON	SW/197.2	-1.00	<u>52</u>
<u>28</u>	GEN	SNC LAVALIN O & M	1495 HERON ROAD OTTAWA ON	NW/199.0	2.00	<u>52</u>
<u>28</u>	GEN	Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON	NW/199.0	2.00	<u>53</u>
<u>28</u>	EHS		1495 Heron Rd Ottawa ON K1V6A6	NW/199.0	2.00	<u>54</u>
<u>28</u>	GEN	Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	NW/199.0	2.00	<u>54</u>
<u>28</u>	GEN	Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	NW/199.0	2.00	<u>55</u>
<u>28</u>	GEN	Public Services & Procurement Canada RPB	1495 HERON ROAD OTTAWA ON K1V 6A6	NW/199.0	2.00	<u>55</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>28</u>	GEN	Public Services & Procurement Canada RPB	1495 HERON ROAD OTTAWA ON K1V 6A6	NW/199.0	2.00	<u>56</u>
<u>28</u>	GEN	Public Services & Procurement Canada RPB	1495 HERON ROAD OTTAWA ON K1V 6A6	NW/199.0	2.00	<u>57</u>
<u>29</u>	EHS		2840 Baycrest Dr Ottawa ON K1V7P8	WSW/203.1	-1.06	<u>57</u>
<u>30</u>	SPL	1258963 Ontario Inc., operating as Condominium Management	Corporation<UNOFFICIAL> 1512 Walkley Road Ottawa ON	SSE/206.4	-3.00	<u>58</u>
<u>31</u>	GEN	BLACK PHOTO SEE&USE ON0074313	1635 WAKLEY RD. OTTAWA ON	E/207.5	-2.00	<u>58</u>
<u>32</u>	WWIS		5310 GYPLORE DR. MISSISSAUGA ON Well ID: 7154090	ESE/212.4	-2.00	<u>58</u>
<u>33</u>	GEN	PETM Canada Corporation	1600 Heron Road Unit 1 Ottawa ON K1V2P5	E/212.9	-2.00	<u>61</u>
<u>33</u>	GEN	PETM Canada Corporation	1600 Heron Road Unit 1 Ottawa ON K1V2P5	E/212.9	-2.00	<u>62</u>
<u>34</u>	BORE		ON	ESE/218.0	-2.00	<u>62</u>
<u>35</u>	WWIS		ON Well ID: 1508970	ESE/218.2	-2.00	<u>63</u>
<u>36</u>	PRT	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA ON K1V 6P5	ESE/223.3	-2.00	<u>66</u>
<u>36</u>	DTNK	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA ON	ESE/223.3	-2.00	<u>66</u>
<u>36</u>	DTNK	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA ON	ESE/223.3	-2.00	<u>67</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>36</u>	DTNK	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA ON	ESE/223.3	-2.00	<u>67</u>
<u>36</u>	EXP	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	ESE/223.3	-2.00	<u>67</u>
<u>36</u>	EXP	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	ESE/223.3	-2.00	<u>68</u>
<u>36</u>	EXP	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	ESE/223.3	-2.00	<u>68</u>
<u>36</u>	EXP	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	ESE/223.3	-2.00	<u>68</u>
<u>36</u>	FST	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	ESE/223.3	-2.00	<u>69</u>
<u>36</u>	FST	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	ESE/223.3	-2.00	<u>69</u>
<u>36</u>	FST	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	ESE/223.3	-2.00	<u>70</u>
<u>36</u>	FST	SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	ESE/223.3	-2.00	<u>70</u>
<u>37</u>	WWIS		1495 HERON ROAD Ottawa ON Well ID: 7130931	NW/223.7	1.97	<u>71</u>
<u>38</u>	GEN	Rexall Pharmacy Group Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	E/223.8	-2.00	<u>73</u>
<u>38</u>	GEN	Pharma Plus Drugmarts Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	E/223.8	-2.00	<u>73</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>38</u>	GEN	Pharma Plus Drugmarts Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	E/223.8	-2.00	<u>73</u>
<u>38</u>	GEN	Rexall Pharmacy Group Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	E/223.8	-2.00	<u>74</u>
<u>38</u>	GEN	Rexall Pharmacy Group Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	E/223.8	-2.00	<u>74</u>
<u>38</u>	GEN	Rexall Pharmacy Group Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	E/223.8	-2.00	<u>74</u>
<u>39</u>	SPL	VANDALS	1693 AMBERDALE (N.O.S.) OTTAWA CITY ON K1H 7B2	N/227.2	2.69	<u>75</u>
<u>40</u>	EHS		1500 Walkley Road Ottawa ON K1V 0H8	SSE/235.6	-0.92	<u>75</u>
<u>40</u>	EHS		1500 Walkley Road Ottawa ON K1V 0H8	SSE/235.6	-0.92	<u>75</u>
<u>40</u>	EHS		1500 Walkley Road Ottawa ON K1V 0H8	SSE/235.6	-0.92	<u>76</u>
<u>40</u>	EHS		1500 Walkley Road Ottawa ON K1V 0H8	SSE/235.6	-0.92	<u>76</u>
<u>40</u>	EHS		1500 Walkley Road Ottawa ON K1V 0H8	SSE/235.6	-0.92	<u>76</u>
<u>41</u>	GEN	BETTY BRITE CLEANERS	1574 WALKLEY ROAD C/O 218 LAURIER AVENUE EAST OTTAWA ON K1V 6P5	ESE/238.5	-2.93	<u>76</u>
<u>41</u>	GEN	BETTY BRITE CLEANERS	1574 WALKLEY ROAD OTTAWA ON K1V 6P5	ESE/238.5	-2.93	<u>77</u>
<u>41</u>	GEN	BETTY BRITE CLEANERS 05-390	1574 WALKLEY ROAD OTTAWA ON K1V 6P5	ESE/238.5	-2.93	<u>77</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>41</u>	GEN	STARLIGHT BUILDING CLEANING SERVIC	1576 WALKLEY ROAD OTTAWA ON K1V 6P5	ESE/238.5	-2.93	<u>77</u>
<u>41</u>	GEN	STARLIGHT BUILDING CLEANING SERVICES	1576 WALKLEY ROAD OTTAWA ON K1V 6P5	ESE/238.5	-2.93	<u>77</u>
<u>41</u>	EHS		1574-1576 Walkley Road Ottawa ON	ESE/238.5	-2.93	<u>77</u>
<u>42</u>	SPL	City of Ottawa	1602 Walkley RD Ottawa ON	ESE/240.1	-2.00	<u>78</u>
<u>43</u>	BORE		ON	WNW/246.0	3.14	<u>78</u>
<u>44</u>	SPL	Enbridge Gas Distribution Inc.	2416 Wyndale Cres Ottawa ON	ENE/247.0	-1.00	<u>80</u>
<u>44</u>	PINC	ENBRIDGE GAS INC	2416 WYNDALE CRES,,OTTAWA,ON,K1H 7A6,CA ON	ENE/247.0	-1.00	<u>81</u>
<u>45</u>	EHS		2805,2898,2889,2865 Cedarwood Dr. Ottawa ON	SW/248.9	-1.00	<u>81</u>
<u>46</u>	SPL	PRIVATE RESIDENCE	REAR OF PLAZA AT 1582 WALKLEY RD GARBAGE BIN AREA (N.O.S.) OTTAWA CITY ON K1V 6P5	ESE/249.0	-2.54	<u>81</u>

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 4 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	0.0	<u>2</u>
	ON	132.7	<u>19</u>
	ON	218.0	<u>34</u>
	ON	246.0	<u>43</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PUBLIC WORKS & GOVT. SERVICES CANADA	1495 HERON ROAD OTTAWA CITY ON K1V 6A6	31.6	<u>8</u>
OTTAWA CITY-WALKLEY ARENA COMPLEX	1533 WALKLEY ROAD OTTAWA CITY ON	137.9	<u>20</u>

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated May 31, 2021 has found that there are 3 DTNK site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA ON	223.3	<u>36</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA ON	223.3	<u>36</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA ON	223.3	<u>36</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 20 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Various Residential Addresses (Baycrest Dr., Cedarwood Cr., Sandalwood Dr., Walkley Rd.) Ottawa ON	11.5	<u>5</u>
	2810 Baycrest Drive Ottawa ON K1V 7P7	50.0	<u>9</u>
	1565 Heron Rd Ottawa ON K1V9V1	51.0	<u>10</u>
	2845 Cedarwood Drive Ottawa ON K1V 0G6	74.6	<u>12</u>
	2874 Sandalwood Dr Ottawa ON K1V 7P4	77.1	<u>13</u>
	2874 Sandalwood Dr Ottawa ON K1V 7P4	77.1	<u>13</u>
	2874 Sandalwood Dr Ottawa ON K1V 7P4	77.1	<u>13</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2816 Sandalwood Drive Ottawa ON K1V 0W2	83.8	<u>16</u>
	Sandalwood Park 2850 Sandalwood Drive Ottawa ON	105.7	<u>17</u>
	1450 Heron Rd Ottawa ON K1V6A5	159.3	<u>22</u>
	2805, 2898, 2889, 2865 Cedarwood Dr. Ottawa ON K1V 0G8	190.0	<u>25</u>
	1495 Heron Rd Ottawa ON K1V6A6	199.0	<u>28</u>
	2840 Baycrest Dr Ottawa ON K1V7P8	203.1	<u>29</u>
	1500 Walkley Road Ottawa ON K1V 0H8	235.6	<u>40</u>
	1500 Walkley Road Ottawa ON K1V 0H8	235.6	<u>40</u>
	1500 Walkley Road Ottawa ON K1V 0H8	235.6	<u>40</u>
	1500 Walkley Road Ottawa ON K1V 0H8	235.6	<u>40</u>
	1500 Walkley Road Ottawa ON K1V 0H8	235.6	<u>40</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1574-1576 Walkley Road Ottawa ON	238.5	<u>41</u>
	2805,2898,2889,2865 Cedarwood Dr. Ottawa ON	248.9	<u>45</u>

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Jul 31, 2020 has found that there are 4 EXP site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	223.3	<u>36</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	223.3	<u>36</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	223.3	<u>36</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	223.3	<u>36</u>

FST - Fuel Storage Tank

A search of the FST database, dated Jul 31, 2020 has found that there are 4 FST site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	223.3	<u>36</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	223.3	<u>36</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	223.3	<u>36</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	223.3	<u>36</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 41 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTNIM Properties Ltd.	2861 Baycrest Cres. Ottawa ON K1V 8X8	0.0	<u>3</u>
Minto Management Limited	2861 BAYCREST DR Ottawa ON K1V 8X8	0.0	<u>3</u>
BROOKFIELD LEPAGE JOHNSON CONTROLS	FEDERAL STUDY CENTRE 1495 HERON ROAD OTTAWA ON K1V 6A6	31.6	<u>8</u>
PUBLIC WORKS & GOVERNMENT SERVICES CANADA	1495 HERON ROAD FEDERAL STUDY CENTRE OTTAWA ON K1V 6A6	31.6	<u>8</u>
PUBLIC WORKS AND GOV'T SERVICES CANADA	FEDERAL STUDY CENTER 1495 HERON ROAD OTTAWA ON K1V 6A6	31.6	<u>8</u>
PUBLIC WORKS AND GOV'T SERVICES CANADA	FEDERAL STUDY CENTER 1495 HERON ROAD OTTAWA ON K1V 6A6	31.6	<u>8</u>
Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	31.6	<u>8</u>
Five Star Enterprises	1495 Heron Road Ottawa ON K1V 6A6	31.6	<u>8</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	31.6	<u>8</u>
Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	31.6	<u>8</u>
Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	31.6	<u>8</u>
Jemcor Elevating Inc.	2805 Cedarwood Drive Ottawa ON K1V 0G8	60.8	<u>11</u>
Jemcor Elevating Inc.	2805 Cedarwood Drive Ottawa ON K1V 0G8	60.8	<u>11</u>
OTTAWA R.C. SEPARATE SCHOOL BOARD	ST. PATRICK'S HIGH SCHOOL 1485 HERON RD. OTTAWA ON K1V 6A6	82.5	<u>15</u>
OTTAWA R.C. SEPARATE SCHOOL BOARD 29-314	ST. PATRICK'S INTERMEDIATE 1485 HERON RD. OTTAWA ON K1V 6A6	82.5	<u>15</u>
OTTAWA-CARLETON CATHOLIC SCHOOL BOARD	ST. PATRICK'S INTERMEDIATE SCHOOL 1485 HERON ROAD OTTAWA ON K1V 6A6	82.5	<u>15</u>
Ottawa-Carleton Catholic School Board	St. Patrick Intermediate School 1485 Heron Road Ottawa ON K1V 6A6	82.5	<u>15</u>
Ottawa Catholic District School Board	1485 Heron Road Ottawa ON K1V 6A6	82.5	<u>15</u>
Ottawa Catholic District School Board	1485 Heron Road Ottawa ON K1V 6A6	82.5	<u>15</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Gerry Crepin Cartage Limited	2816 Sandalwood Drive Ottawa ON K1V 7P4	83.8	<u>16</u>
SNC LAVALIN O & M	1495 HERON ROAD OTTAWA ON	199.0	<u>28</u>
Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON	199.0	<u>28</u>
Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	199.0	<u>28</u>
Public Works and Government Services Canada	1495 HERON ROAD OTTAWA ON K1V 6A6	199.0	<u>28</u>
Public Services & Procurement Canada RPB	1495 HERON ROAD OTTAWA ON K1V 6A6	199.0	<u>28</u>
Public Services & Procurement Canada RPB	1495 HERON ROAD OTTAWA ON K1V 6A6	199.0	<u>28</u>
Public Services & Procurement Canada RPB	1495 HERON ROAD OTTAWA ON K1V 6A6	199.0	<u>28</u>
BLACK PHOTO SEE&USE ON0074313	1635 WAKLEY RD. OTTAWA ON	207.5	<u>31</u>
PETM Canada Corporation	1600 Heron Road Unit 1 Ottawa ON K1V2P5	212.9	<u>33</u>
PETM Canada Corporation	1600 Heron Road Unit 1 Ottawa ON K1V2P5	212.9	<u>33</u>
Rexall Pharmacy Group Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	223.8	<u>38</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Pharma Plus Drugmarts Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	223.8	<u>38</u>
Pharma Plus Drugmarts Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	223.8	<u>38</u>
Rexall Pharmacy Group Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	223.8	<u>38</u>
Rexall Pharmacy Group Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	223.8	<u>38</u>
Rexall Pharmacy Group Ltd	1725 Walkley Road Unit C Ottawa ON K1V 2P6	223.8	<u>38</u>
BETTY BRITE CLEANERS	1574 WALKLEY ROAD C/O 218 LAURIER AVENUE EAST OTTAWA ON K1V 6P5	238.5	<u>41</u>
BETTY BRITE CLEANERS	1574 WALKLEY ROAD OTTAWA ON K1V 6P5	238.5	<u>41</u>
BETTY BRITE CLEANERS 05-390	1574 WALKLEY ROAD OTTAWA ON K1V 6P5	238.5	<u>41</u>
STARLIGHT BUILDING CLEANING SERVIC	1576 WALKLEY ROAD OTTAWA ON K1V 6P5	238.5	<u>41</u>
STARLIGHT BUILDING CLEANING SERVICES	1576 WALKLEY ROAD OTTAWA ON K1V 6P5	238.5	<u>41</u>

HINC - TSSA Historic Incidents

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2845 CEDARWOOD DRIVE, UNIT 48 GLOUCESTER ON	194.9	26

PINC - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2865 Cedarwood Dr. Ottawa ON	194.9	26
ENBRIDGE GAS INC	2416 WYNDALE CRES., OTTAWA, ON, K1H 7A6, CA ON	247.0	44

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNYS PETROLEUM INC	1594 WALKLEY RD OTTAWA ON K1V 6P5	223.3	36

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994- Jun 30, 2021 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Timbercreek Developments Inc.	Herongate 7 Development Address: 2816- 2838 Sandalwood Dr Gore/Gloucester, Ottawa, City District Office: Ottawa Site #: 5408-AJBKHR GLOUCESTER ON	79.6	14

SCT - Scott's Manufacturing Directory

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ARCPROTEC INC	2847 C SANDALWOOD DR OTTAWA ON K1V 7P4	0.0	<u>4</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 11 SPL site(s) within approximately 0.25 kilometers of the project property.

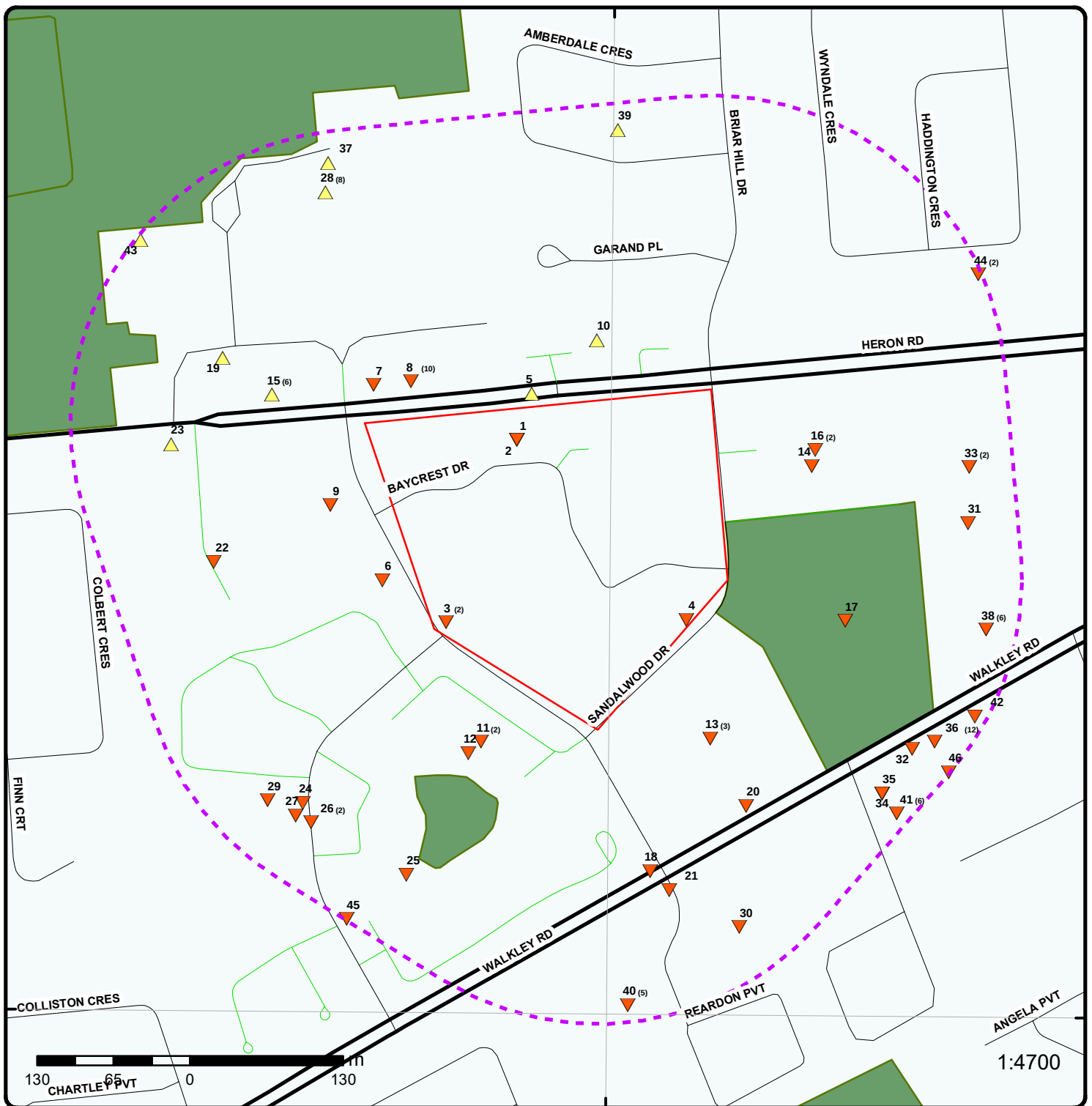
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Transglobe Property Management Ltd.	2840 Baycrest Avenue Ottawa ON	28.5	<u>6</u>
PRIVATE OWNER	FEDERAL STUDIES CENTRE, 1491 HERON ROAD. AIR CONDITIONING UNIT OTTAWA CITY ON K1V 6A6	31.5	<u>7</u>
OTTAWA, THE CITY OF	1544F BAYCREST (N.O.S.) OTTAWA CITY ON	128.4	<u>18</u>
PRIVATE RESIDENCE	1440 HERON ROAD FURNACE OIL TANK OTTAWA CITY ON K1V 0X2	165.4	<u>23</u>
S. 21	2832 S Cedarwood Drive Ottawa ON K1V 7R1	185.1	<u>24</u>
PRIVATE RESIDENCE	MINTO MANAGEMENT LTD. 2850 CEDARWOOD DRIVE FURNACE OIL TANK OTTAWA CITY ON	197.2	<u>27</u>
1258963 Ontario Inc., operating as Condominium Management	Corporation<UNOFFICIAL> 1512 Walkley Road Ottawa ON	206.4	<u>30</u>
VANDALS	1693 AMBERDALE (N.O.S.) OTTAWA CITY ON K1H 7B2	227.2	<u>39</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	1602 Walkley RD Ottawa ON	240.1	<u>42</u>
Enbridge Gas Distribution Inc.	2416 Wyndale Cres Ottawa ON	247.0	<u>44</u>
PRIVATE RESIDENCE	REAR OF PLAZA AT 1582 WALKLEY RD GARBAGE BIN AREA (N.O.S.) OTTAWA CITY ON K1V 6P5	249.0	<u>46</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 5 WWIS site(s) within approximately 0.25 kilometers of the project property.

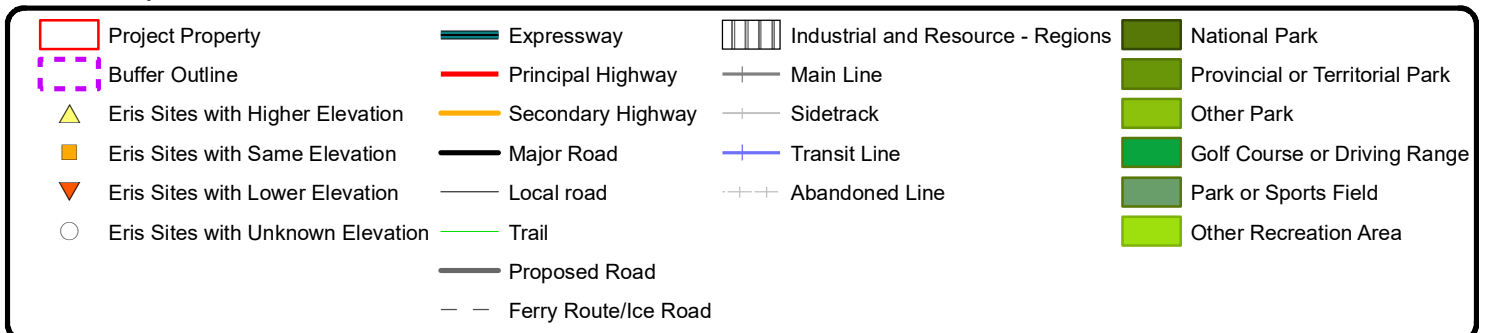
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID: 1508275</i>	0.0	<u>1</u>
	1128 WALKLEY RD lot A con 4 Ottawa ON <i>Well ID: 7276471</i>	149.2	<u>21</u>
	5310 GYPLORE DR. MISSISSAUGA ON <i>Well ID: 7154090</i>	212.4	<u>32</u>
	ON <i>Well ID: 1508970</i>	218.2	<u>35</u>
	1495 HERON ROAD Ottawa ON <i>Well ID: 7130931</i>	223.7	<u>37</u>



Map: 0.25 Kilometer Radius

Order Number: 21080600049

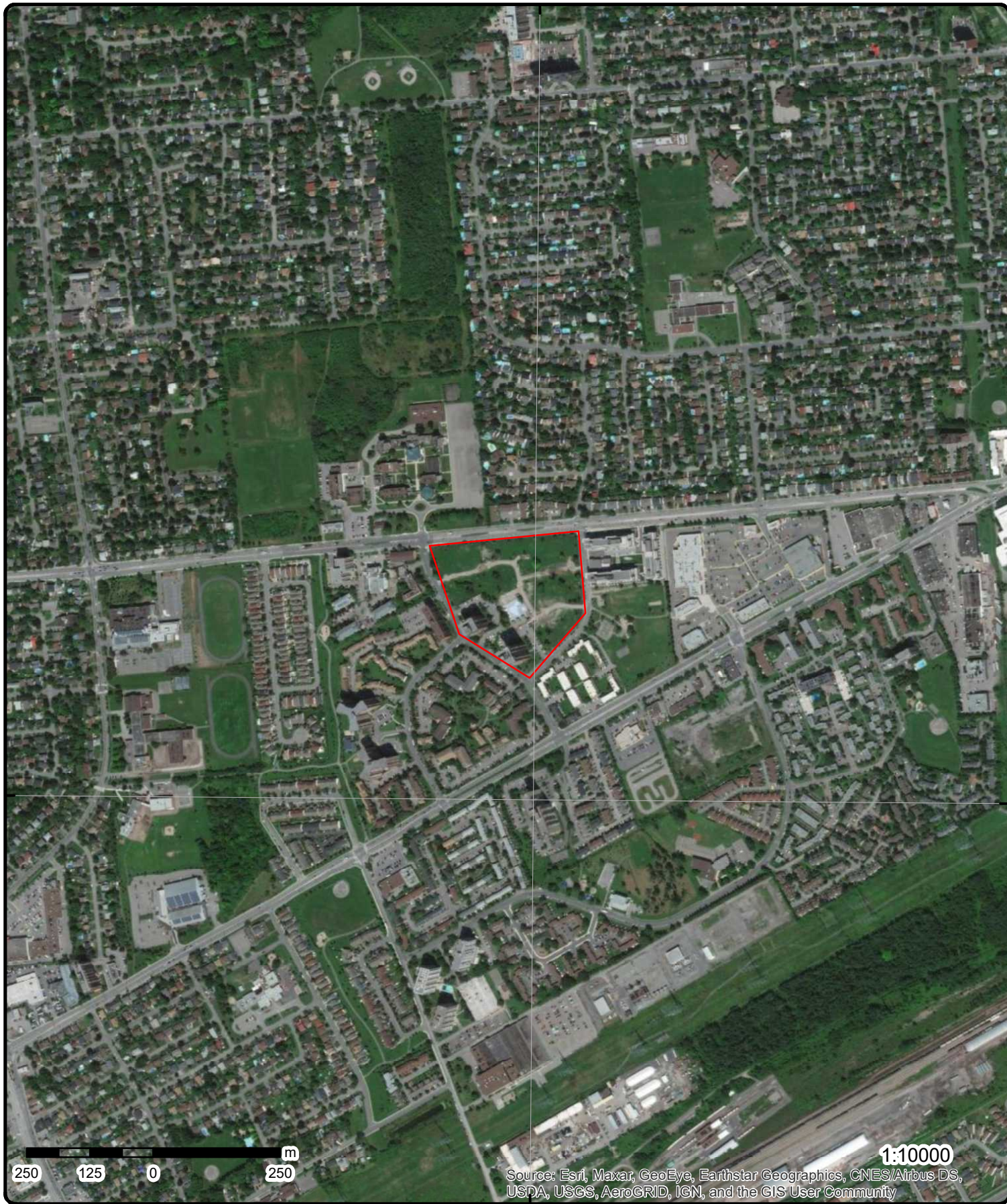
Address: Baycrest Dr, Ottawa, ON



75°39'W

45°22'30"N

45°22'30"N



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

Aerial

Year: 2020

Order Number: 21080600049

Address: Baycrest Dr, Ottawa, ON

Source: ESRI World Imagery



© ERIS Information Limited Partnership

75°40'30"W

75°39'W

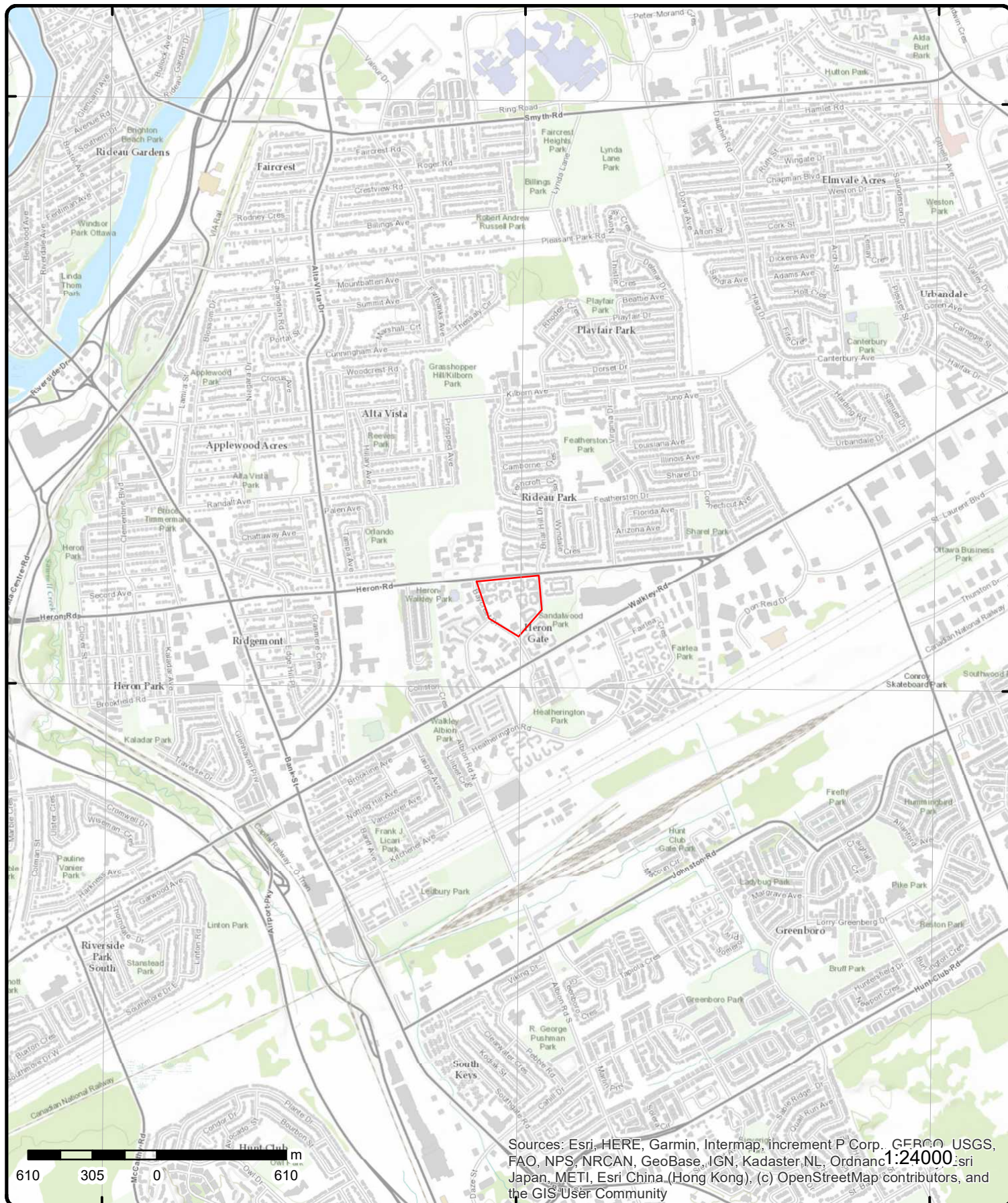
75°37'30"W

45°24'N

45°24'N

45°22'30"N

45°22'30"N



Topographic Map

Address: Baycrest Dr, ON

Source: ESRI World Topographic Map

Order Number: 21080600049



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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1	1 of 1	NW/0.0	90.9 / 0.00	ON	WWIS
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Well ID:	1508275	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	10/20/1955
Sec. Water Use:	0	Selected Flag:	True
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4216
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508275.pdf

Additional Detail(s) (Map)

Well Completed Date:	1955/08/09
Year Completed:	1955
Depth (m):	26.5176
Latitude:	45.3793780091093
Longitude:	-75.6510035668159
Path:	150\1508275.pdf

Bore Hole Information

Bore Hole ID:	10030310	Elevation:	94.905075
DP2BR:	15.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	449030.70
Code OB Desc:	Bedrock	North83:	5025302.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09-Aug-1955 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931009235			
Layer:		2			
Color:					
General Color:					
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		15			
Mat2 Desc:		LIMESTONE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		87.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931009234			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508275			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578880			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053276			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930053277			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		87			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508275			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		87.0			
Recommended Pump Depth:					
Pumping Rate:		1.0			
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:		0			
Pumping Duration MIN:		15			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933462705			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		68.0			
Water Found Depth UOM:		ft			
<u>2</u>	1 of 1	NW/0.0	90.9 / 0.00	ON	BORE
Borehole ID:	612840			Inclin FLG:	No
OGF ID:	215514146			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	AUG-1955			Municipality:	
Static Water Level:	27.4			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.37938
Total Depth m:	26.5			Longitude DD:	-75.651004
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	449031
Drill Method:				Northing:	5025302
Orig Ground Elev m:	94.5			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	94.9				
Concession:					
Location D:					
Survey D:					
Comments:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218392678			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	4.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
Geology Stratum ID:	218392679			Mat Consistency:	Compact
Top Depth:	4.6			Material Moisture:	
Bottom Depth:	26.5			Material Texture:	
Material Color:	Red			Non Geo Mat Type:	
Material 1:	Shale			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SHALE. 00068RED. CLAY. SOFT. TILL. COMPACT. BEDROCK. ERED, WATER STABLE AT 220.0 FE **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<u>Source</u>					
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:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 05348 NTS_Sheet:				
Confiden 1:					
<u>Source List</u>					
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				
<u>3</u>	1 of 2	WSW/0.0	89.6 / -1.31	OTNIM Properties Ltd. 2861 Baycrest Cres. Ottawa ON K1V 8X8	GEN
Generator No:	ON1444754			PO Box No:	
Status:				Country:	
Approval Years:	05			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	551113				
SIC Description:	Holding Companies				
<u>Detail(s)</u>					
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	2 of 2	WSW/0.0	89.6 / -1.31	Minto Management Limited 2861 BAYCREST DR Ottawa ON K1V 8X8	GEN
Generator No:		ON3616892	PO Box No:		
Status:			Country:		
Approval Years:		05	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		531310			
SIC Description:		Real Estate Property Managers			
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
4	1 of 1	ESE/0.0	89.9 / -1.00	ARCPROTEC INC 2847 C SANDALWOOD DR OTTAWA ON K1V 7P4	SCT
Established:		1989			
Plant Size (ft²):					
Employment:		2			
<u>--Details--</u>					
Description:		COMPUTER STORAGE DEVICES			
SIC/NAICS Code:		3572			
5	1 of 1	NNW/11.5	91.1 / 0.20	Various Residential Addresses (Baycrest Dr., Cedarwood Cr., Sandalwood Dr., Walkley Rd.) Ottawa ON	EHS
Order No:		20100609014	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Custom Report	Client Prov/State:		
Report Date:		6/14/2010	Search Radius (km):		
Date Received:		6/9/2010	X:		
Previous Site Name:			Y:		
Lot/Building Size:					
Additional Info Ordered:					
6	1 of 1	W/28.5	90.0 / -0.92	Transglobe Property Management Ltd. 2840 Baycrest Avenue Ottawa ON	SPL
Ref No:		5631-8S82Y5	Discharger Report:		
Site No:			Material Group:		
Incident Dt:		08-MAR-12	Health/Env Conseq:		
Year:			Client Type:		
Incident Cause:		Unknown	Sector Type:		
Incident Event:			Agency Involved:		
Contaminant Code:		13	Nearest Watercourse:		
Contaminant Name:		HYDROCARBON LIGHT	Site Address:		
Contaminant Limit 1:			Site District Office:		
Contam Limit Freq 1:			Site Postal Code:		
Contaminant UN No 1:			Site Region:		
Environment Impact:		Confirmed	Site Municipality:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Nature of Impact: Other Impact(s) Receiving Medium: Sewage - Municipal/Private and Commercial Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 08-MAR-12 Dt Document Closed: Incident Reason: Unknown - Reason not determined Site Name: Underground parking of residential apartment building<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Apartment Bldg garage, hydrocarbon discharge to sewer Contaminant Qty:					
7	1 of 1	WNW/31.5	90.8 / -0.03	PRIVATE OWNER FEDERAL STUDIES CENTRE, 1491 HERON ROAD. AIR CONDITIONING UNIT OTTAWA CITY ON K1V 6A6	SPL
Ref No: 211723 Site No: Incident Dt: 7/6/2001 Year: Incident Cause: COOLING SYSTEM LEAK Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Receiving Medium: Air Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 9/18/2001 Dt Document Closed: Incident Reason: MATERIAL FAILURE Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: BROOKVILLE LEPASSE: LEAK OF HALOCARBONS FROM OLD A/C UNIT, APP. 50 LBS Contaminant Qty:					
8	1 of 10	NW/31.6	90.9 / -0.01	PUBLIC WORKS & GOVT. SERVICES CANADA 1495 HERON ROAD OTTAWA CITY ON K1V 6A6	CA
Certificate #: 8-4236-99- Application Year: 99 Issue Date: 12/2/1999 Approval Type: Industrial air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: INSTALL (2) 300KW STANDBY GENERATORS-Y2K Contaminants: Emission Control:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	2 of 10	NW/31.6	90.9 / -0.01	BROOKFIELD LEPAGE JOHNSON CONTROLS FEDERAL STUDY CENTRE 1495 HERON ROAD OTTAWA ON K1V 6A6	GEN
Generator No: ON0554836 Status: Approval Years: 99,00,01 Contam. Facility: MHSW Facility: SIC Code: 7512 SIC Description: NON-RES. BLDG. OPER. PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
<u>Detail(s)</u>					
Waste Class: 122 Waste Class Desc: ALKALINE WASTES - OTHER METALS					
Waste Class: 146 Waste Class Desc: OTHER SPECIFIED INORGANICS					
Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS					
Waste Class: 213 Waste Class Desc: PETROLEUM DISTILLATES					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
Waste Class: 145 Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES					
8	3 of 10	NW/31.6	90.9 / -0.01	PUBLIC WORKS & GOVERNMENT SERVICES CANADA 1495 HERON ROAD FEDERAL STUDY CENTRE OTTAWA ON K1V 6A6	GEN
Generator No: ON1765016 Status: Approval Years: 95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 8159 SIC Description: OTHER GEN. ADMIN. PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
<u>Detail(s)</u>					
Waste Class: 243 Waste Class Desc: PCB'S					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
8	4 of 10	NW/31.6	90.9 / -0.01	PUBLIC WORKS AND GOV'T SERVICES CANADA FEDERAL STUDY CENTER 1495 HERON ROAD_____	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
OTTAWA ON K1V 6A6					
Generator No:	ON1765016			PO Box No:	
Status:				Country:	
Approval Years:	99			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8159				
SIC Description:		OTHER GEN. ADMIN.			
<u>Detail(s)</u>					
Waste Class:		243			
Waste Class Desc:		PCB'S			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<u>8</u>	5 of 10	NW/31.6	90.9 / -0.01	PUBLIC WORKS AND GOV'T SERVICES CANADA FEDERAL STUDY CENTER 1495 HERON ROAD OTTAWA ON K1V 6A6	GEN
Generator No:	ON1765016			PO Box No:	
Status:				Country:	
Approval Years:	00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8159				
SIC Description:		OTHER GEN. ADMIN.			
<u>Detail(s)</u>					
Waste Class:		243			
Waste Class Desc:		PCB'S			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<u>8</u>	6 of 10	NW/31.6	90.9 / -0.01	Public Works and Government Services Canada 1495 HERON ROAD OTTAWA ON K1V 6A6	GEN
Generator No:	ON0554836			PO Box No:	
Status:				Country:	
Approval Years:	03,04,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	911910				
SIC Description:		Other Fed. Government Public Administration			
<u>Detail(s)</u>					
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		243			
Waste Class Desc:		PCB'S			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

8	7 of 10	NW/31.6	90.9 / -0.01	Five Star Enterprises 1495 Heron Road Ottawa ON K1V 6A6	GEN
Generator No:	ON2687105			PO Box No:	
Status:				Country:	
Approval Years:	03,04			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

8	8 of 10	NW/31.6	90.9 / -0.01	Public Works and Government Services Canada 1495 HERON ROAD OTTAWA ON K1V 6A6	GEN
Generator No:	ON0554836			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	911910				
SIC Description:	Other Federal Government Public Administration				

Detail(s)

Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	113
Waste Class Desc:	ACID WASTE - OTHER METALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		243			
Waste Class Desc:		PCBS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

<u>8</u>	9 of 10	NW/31.6	90.9 / -0.01	Public Works and Government Services Canada 1495 HERON ROAD OTTAWA ON K1V 6A6	GEN
Generator No:	ON0554836			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	911910				
SIC Description:	Other Federal Government Public Administration				

Detail(s)

Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	113
Waste Class Desc:	ACID WASTE - OTHER METALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	243
Waste Class Desc:	PCBS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
8	10 of 10	NW/31.6	90.9 / -0.01	Public Works and Government Services Canada 1495 HERON ROAD OTTAWA ON K1V 6A6	GEN
Generator No:		ON0554836		PO Box No:	
Status:				Country:	
Approval Years:		2012		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		911910			
SIC Description:		Other Federal Government Public Administration			
<u>Detail(s)</u>					
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		243			
Waste Class Desc:		PCBS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
9	1 of 1	W/50.0	89.9 / -1.00	2810 Baycrest Drive Ottawa ON K1V 7P7	EHS
Order No:		20090727019		Nearest Intersection:	Baycrest Drive and Heron Road
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State:	ON
Report Date:		8/5/2009		Search Radius (km):	0.25
Date Received:		7/27/2009		X:	-75.653026
Previous Site Name:				Y:	45.378869
Lot/Building Size:		lot: 1.12 acres			
Additional Info Ordered:		Fire Insur. Maps and/or Sire Plans; City Directory			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	1 of 1	NNE/51.0	91.9 / 1.00	1565 Heron Rd Ottawa ON K1V9V1	EHS
Order No:		20170412035	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Custom Report	Client Prov/State: ON		
Report Date:		19-APR-17	Search Radius (km): .25		
Date Received:		12-APR-17	X: -75.650149		
Previous Site Name:			Y: 45.380147		
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
11	1 of 2	SSW/60.8	88.9 / -2.00	Jemcor Elevating Inc. 2805 Cedarwood Drive Ottawa ON K1V 0G8	GEN
Generator No:		ON3950052	PO Box No:		
Status:		Registered	Country: Canada		
Approval Years:		As of Jul 2020	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
11	2 of 2	SSW/60.8	88.9 / -2.00	Jemcor Elevating Inc. 2805 Cedarwood Drive Ottawa ON K1V 0G8	GEN
Generator No:		ON3950052	PO Box No:		
Status:		Registered	Country: Canada		
Approval Years:		As of Jan 2021	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
12	1 of 1	SSW/74.6	88.9 / -2.00	2845 Cedarwood Drive Ottawa ON K1V 0G6	EHS
Order No:		20190325195	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		RSC Report (Urban)	Client Prov/State: ON		
Report Date:		29-MAR-19	Search Radius (km): .3		
Date Received:		25-MAR-19	X: -75.651508		
Previous Site Name:			Y: 45.376984		
Lot/Building Size:					
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 3	SE/77.1	89.6 / -1.31	2874 Sandalwood Dr Ottawa ON K1V 7P4	EHS
Order No: 20282100281 Status: C Report Type: Custom Report Report Date: 21-SEP-20 Date Received: 21-AUG-20 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .1 X: -75.64888639 Y: 45.37710907			
13	2 of 3	SE/77.1	89.6 / -1.31	2874 Sandalwood Dr Ottawa ON K1V 7P4	EHS
Order No: 20282100281 Status: C Report Type: Custom Report Report Date: 21-SEP-20 Date Received: 21-AUG-20 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .1 X: -75.64888639 Y: 45.37710907			
13	3 of 3	SE/77.1	89.6 / -1.31	2874 Sandalwood Dr Ottawa ON K1V 7P4	EHS
Order No: 20282100281 Status: C Report Type: Custom Report Report Date: 21-SEP-20 Date Received: 21-AUG-20 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .1 X: -75.64888639 Y: 45.37710907			
14	1 of 1	ENE/79.6	89.9 / -1.00	Timbercreek Developments Inc. Herongate 7 Development Address: 2816-2838 Sandalwood Dr Gore/Gloucester, Ottawa, City District Office: Ottawa Site #: 5408-AJBKHR GLOUCESTER ON	PTTW
EBR Registry No: 012-9767 Ministry Ref No: 5175-AJBK5E Notice Type: Instrument Decision Notice Stage: Notice Date: April 05, 2017 Proposal Date: February 07, 2017 Year: 2017 Instrument Type: (OWRA s. 34) - Permit to Take Water Off Instrument Name: Posted By: Company Name: Timbercreek Developments Inc. Site Address: Location Other: Proponent Name: Proponent Address: Toronto, 25 Price Street, Toronto Ontario, Canada M4W 1Z1 Comment Period: URL:		Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Location Details:					
Herongate 7 Development Address: 2816-2838 Sandalwood Dr Gore/Gloucester, Ottawa, City District Office: Ottawa Site #: 5408-AJBKHR GLOUCESTER					
15	1 of 6	WNW/82.5	91.6 / 0.69	OTTAWA R.C. SEPARATE SCHOOL BOARD ST. PATRICK'S HIGH SCHOOL 1485 HERON RD. OTTAWA ON K1V 6A6	GEN
Generator No:		ON0426401		PO Box No:	
Status:				Country:	
Approval Years:		86,87,88,89,90		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		0000			
SIC Description:		*** NOT DEFINED ***			
Detail(s)					
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
15	2 of 6	WNW/82.5	91.6 / 0.69	OTTAWA R.C. SEPARATE SCHOOL BOARD 29-314 ST. PATRICK'S INTERMEDIATE 1485 HERON RD. OTTAWA ON K1V 6A6	GEN
Generator No:		ON0426401		PO Box No:	
Status:				Country:	
Approval Years:		92,93,94,95,96		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		8511			
SIC Description:		ELEMT./SECON. EDUC.			
Detail(s)					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
15	3 of 6	WNW/82.5	91.6 / 0.69	OTTAWA-CARLETON CATHOLIC SCHOOL BOARD ST. PATRICK'S INTERMEDIATE SCHOOL 1485 HERON ROAD OTTAWA ON K1V 6A6	GEN
Generator No:		ON0426401		PO Box No:	
Status:				Country:	
Approval Years:		97,98,99,00,01		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		8511			
SIC Description:		ELEMT./SECON. EDUC.			
Detail(s)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: 148 Waste Class Desc: INORGANIC LABORATORY CHEMICALS Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS					
15	4 of 6	WNW/82.5	91.6 / 0.69	Ottawa-Carleton Catholic School Board St. Patrick Intermediate School 1485 Heron Road Ottawa ON K1V 6A6	GEN
Generator No: ON1478397 Status: Approval Years: 02,03,04 Contam. Facility: MHSW Facility: SIC Code: SIC Description:					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
Detail(s)					
Waste Class: 145 Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES Waste Class: 148 Waste Class Desc: INORGANIC LABORATORY CHEMICALS Waste Class: 213 Waste Class Desc: PETROLEUM DISTILLATES Waste Class: 243 Waste Class Desc: PCB'S Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS Waste Class: 331 Waste Class Desc: WASTE COMPRESSED GASES					
15	5 of 6	WNW/82.5	91.6 / 0.69	Ottawa Catholic District School Board 1485 Heron Road Ottawa ON K1V 6A6	GEN
Generator No: ON3269013 Status: Approval Years: 07,08 Contam. Facility: MHSW Facility: SIC Code: 611110 SIC Description: Elementary and Secondary Schools					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
Detail(s)					
Waste Class: 148 Waste Class Desc: INORGANIC LABORATORY CHEMICALS Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	6 of 6	WNW/82.5	91.6 / 0.69	Ottawa Catholic District School Board 1485 Heron Road Ottawa ON K1V 6A6	GEN
Generator No:	ON9993594			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
<u>Detail(s)</u>					
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
16	1 of 2	ENE/83.8	89.9 / -1.00	Gerry Crepin Cartage Limited 2816 Sandalwood Drive Ottawa ON K1V 7P4	GEN
Generator No:	ON8395216			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2017			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
16	2 of 2	ENE/83.8	89.9 / -1.00	2816 Sandalwood Drive Ottawa ON K1V 0W2	EHS
Order No:	20180724520			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	30-JUL-18			Search Radius (km):	.25
Date Received:	24-JUL-18			X:	-75.64777
Previous Site Name:				Y:	45.379323
Lot/Building Size:					
Additional Info Ordered:					
17	1 of 1	ESE/105.7	88.9 / -2.00	Sandalwood Park 2850 Sandalwood Drive Ottawa ON	EHS
Order No:	20160331098			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	06-APR-16			Search Radius (km):	.25
Date Received:	31-MAR-16			X:	-75.647433
Previous Site Name:				Y:	45.378017

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size: Additional Info Ordered:					
18	1 of 1	SSE/128.4	87.8 / -3.12	OTTAWA, THE CITY OF 1544F BAYCREST (N.O.S.) OTTAWA CITY ON	SPL
Ref No: 198071 Site No: Incident Dt: 4/11/2001 Year: Incident Cause: PIPE/HOSE LEAK Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Possible Nature of Impact: Water course or lake Receiving Medium: Water Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 4/11/2001 Dt Document Closed: Incident Reason: UNKNOWN Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: OTTAWA CITY: SML QTY OF HYDRAULIC OIL TO C/B. CONTAINED AND CLEANED. Contaminant Qty: Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20107 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:					
19	1 of 1	WNW/132.7	91.9 / 1.04	ON	BORE
Borehole ID: 612850 OGF ID: 215514156 Status: Type: Borehole Use: Completion Date: Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 4.1 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 96 Elev Reliabil Note: DEM Ground Elev m: 96.5 Concession: Location D: Survey D: Comments: Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.379992 Longitude DD: -75.654204 UTM Zone: 18 Easting: 448781 Northing: 5025372 Location Accuracy: Accuracy: Not Applicable					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218392708 Top Depth: .5 Mat Consistency: Dense Material Moisture:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth:	.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		UNSPECIFIED. DENSE.			
Geology Stratum ID:	218392711			Mat Consistency:	
Top Depth:	2			Material Moisture:	
Bottom Depth:	2.5			Material Texture:	
Material Color:	Red			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. WEATHERED.			
Geology Stratum ID:	218392707			Mat Consistency:	Loose
Top Depth:	.3			Material Moisture:	
Bottom Depth:	.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		UNSPECIFIED. LOOSE.			
Geology Stratum ID:	218392709			Mat Consistency:	Dense
Top Depth:	.9			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		UNSPECIFIED. DENSE.			
Geology Stratum ID:	218392710			Mat Consistency:	Dense
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		UNSPECIFIED. DENSE.			
Geology Stratum ID:	218392706			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		UNSPECIFIED.			
Geology Stratum ID:	218392712			Mat Consistency:	
Top Depth:	2.5			Material Moisture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	4.1 Bedrock			Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
		BEDROCK. 00010 015 00030 010 00050 010 0005004612 00125 010 0000001300050017 **Note: Many records provided by the department have a truncated [Stratum Description] field.			

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: OTTAWA2.txt RecordID: 053580 NTS_Sheet: 31G05G		
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		

<u>20</u>	1 of 1	SE/137.9	88.2 / -2.69	OTTAWA CITY-WALKLEY ARENA COMPLEX 1533 WALKLEY ROAD OTTAWA CITY ON	CA
Certificate #:	3-1071-90-				
Application Year:	90				
Issue Date:	6/20/1990				
Approval Type:	Municipal sewage				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

<u>21</u>	1 of 1	SSE/149.2	87.9 / -3.00	1128 WALKLEY RD lot A con 4 Ottawa ON	WWIS
Well ID:	7276471			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	12/6/2016
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7579
Casing Material:				Form Version:	7
Audit No:	Z235711			Owner:	
Tag:	A206829			Street Name:	1128 WALKLEY RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Site Info: Lot: A Concession: 04 Concession Name: RF Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7276471.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		2016/11/23 2016 4.2672 45.3759491229069 -75.6493128399444 727\7276471.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		1006302359		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	89.202697 18 449160.00 5024920.00 UTM83 5 margin of error : 100 m - 300 m gis
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		1006469537 1 2 GREY 05 CLAY 06 SILT 85 SOFT 0.0 14.0 ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID: Layer: Plug From:		1006469544 1 0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		4			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006469545			
Layer:		2			
Plug From:		4			
Plug To:		14			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1006469543			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1006469536			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Screen</u>					
Screen ID:		1006469541			
Layer:		1			
Slot:					
Screen Top Depth:		4			
Screen End Depth:		14			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
 <u>Water Details</u>					
Water ID:		1006469539			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1006469538			
Diameter:		3.25			
Depth From:		0.0			
Depth To:		14.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
22	1 of 1	W/159.3	90.8 / -0.03	1450 Heron Rd Ottawa ON K1V6A5	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No:	20170118018			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	24-JAN-17			Search Radius (km):	.25
Date Received:	18-JAN-17			X:	-75.654286
Previous Site Name:				Y:	45.378428
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				
23	1 of 1	W/165.4	91.8 / 0.92	PRIVATE RESIDENCE 1440 HERON ROAD FURNACE OIL TANK OTTAWA CITY ON K1V 0X2	SPL
Ref No:	101376			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	6/17/1994			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	CONTAINER OVERFLOW			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:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	4/20/1994			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:	PRIVATE RESIDENCE: 5 L FURNACE OIL TO VEGETATION DURING FILL UP				
Contaminant Qty:					
24	1 of 1	SW/185.1	89.9 / -0.97	S. 21 2832 S Cedarwood Drive Ottawa ON K1V 7R1	SPL
Ref No:	8015-5RGST4			Discharger Report:	
Site No:				Material Group:	Oil
Incident Dt:	9/17/2003			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Intent - Intentional or planned occurrence			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	12			Nearest Watercourse:	
Contaminant Name:	GASOLINE			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:	Possible			Site Municipality:	Ottawa
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:	9/17/2003			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Spill to Land

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Reason: Analytical Error Site Name: CATCHBASIN<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Cedarwood Dr - 10gal gasoline Contaminant Qty: 45.5 L					
Source Type:					
25	1 of 1	SSW/190.0	90.0 / -0.92	2805, 2898, 2889, 2865 Cedarwood Dr. Ottawa ON K1V 0G8	EHS
Order No: 20060907037 Status: C Report Type: Custom Report Report Date: 9/13/2006 Date Received: 9/5/2006 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.75 X: -75.652165 Y: 45.37605					
26	1 of 2	SW/194.9	89.9 / -0.97	2845 CEDARWOOD DRIVE, UNIT 48 GLOUCESTER ON	HINC
External File Num: FS INC 0808-04647 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 8/9/2008 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: Yes Property Damage: Yes Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:No Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
26	2 of 2	SW/194.9	89.9 / -0.97	2865 Cedarwood Dr. Ottawa ON	PINC
Incident ID: 2807866 Incident No: 651110 Incident Reported Dt: Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Tank Status: RC Established Task No: 3461418 Spills Action Centre: Fuel Type: Natural Gas Fuel Occurrence Tp: Pipeline Strike Date of Occurrence: 8/18/2011 0:00 Occurrence Start Dt: 2011/09/01					
Pipe Material: Plastic Fuel Category: Natural Gas Health Impact: No Environment Impact: No Property Damage: Yes Service Interrupt: Yes Enforce Policy: Yes Public Relation: No Pipeline System: PSIG: 40 Attribute Category: FS-Perform P-line Inc Invest Regulator Location: Outside					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth:	36			Method Details:	E-mail
Customer Acct Name:					
Incident Address:					
Operation Type:		Construction Site (pipeline strike)			
Pipeline Type:		Service / Riser Distribution Pipeline			
Regulator Type:		Service Regulator (up to 60 psi intake)			
Summary:		2865 Cedarwood Dr. Ottawa - 1" Pipeline Hit			
Reported By:		Armstrong, Alan			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
Occurrence Desc:		installing Hydro ducts			
Damage Reason:		Facility was not located or marked			
Notes:		imprudent locate, missed service			
27	1 of 1	SW/197.2	89.9 / -1.00	PRIVATE RESIDENCE MINTO MANAGEMENT LTD. 2850 CEDARWOOD DRIVE FURNACE OIL TANK OTTAWA CITY ON	SPL
Ref No:	170587			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	7/22/1999			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	CONTAINER OVERFLOW			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:	W/D
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	7/23/1999			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:		PRIVATE RESIDENCE: SPILL OF 3 L FURNACE OIL TO GND OVERFLOW DUE TO HEAT			
Contaminant Qty:					
28	1 of 8	NW/199.0	92.9 / 2.00	SNC LAVALIN O & M 1495 HERON ROAD OTTAWA ON	GEN
Generator No:	ON7817556			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	531310				
SIC Description:		REAL ESTATE PROPERTY MANAGERS			
Detail(s)					
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
28	2 of 8	NW/199.0	92.9 / 2.00	Public Works and Government Services Canada 1495 HERON ROAD OTTAWA ON	GEN
Generator No:	ON0554836			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	911910				
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		243			
Waste Class Desc:		PCBS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	3 of 8	NW/199.0	92.9 / 2.00	1495 Heron Rd Ottawa ON K1V6A6	EHS
Order No: 20141106039				Nearest Intersection:	
Status: C				Municipality:	
Report Type: Custom Report				Client Prov/State:	ON
Report Date: 13-NOV-14				Search Radius (km):	.25
Date Received: 06-NOV-14				X:	-75.653107
Previous Site Name:				Y:	45.381262
Lot/Building Size:					
Additional Info Ordered: City Directory					
28	4 of 8	NW/199.0	92.9 / 2.00	Public Works and Government Services Canada 1495 HERON ROAD OTTAWA ON K1V 6A6	GEN
Generator No: ON0554836				PO Box No:	
Status:				Country:	Canada
Approval Years: 2015				Choice of Contact:	CO_OFFICIAL
Contam. Facility: No				Co Admin:	
MHSW Facility: No				Phone No Admin:	
SIC Code: 911910					
SIC Description: 911910					
<u>Detail(s)</u>					
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		243			
Waste Class Desc:		PCBS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	5 of 8	NW/199.0	92.9 / 2.00	Public Works and Government Services Canada 1495 HERON ROAD OTTAWA ON K1V 6A6	GEN
Generator No: ON0554836 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 911910 SIC Description: 911910 PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: luc s Boisvert Phone No Admin: 742-7662 Ext.244					
<u>Detail(s)</u>					
Waste Class: 112 Waste Class Desc: ACID WASTE - HEAVY METALS					
Waste Class: 121 Waste Class Desc: ALKALINE WASTES - HEAVY METALS					
Waste Class: 242 Waste Class Desc: HALOGENATED PESTICIDES					
Waste Class: 113 Waste Class Desc: ACID WASTE - OTHER METALS					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					
Waste Class: 122 Waste Class Desc: ALKALINE WASTES - OTHER METALS					
Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS					
Waste Class: 146 Waste Class Desc: OTHER SPECIFIED INORGANICS					
Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS					
Waste Class: 331 Waste Class Desc: WASTE COMPRESSED GASES					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
Waste Class: 243 Waste Class Desc: PCBS					

28	6 of 8	NW/199.0	92.9 / 2.00	Public Services & Procurement Canada RPB 1495 HERON ROAD OTTAWA ON K1V 6A6	GEN
Generator No: ON0554836 Status: Registered Approval Years: As of Dec 2018 Contam. Facility: MHSW Facility: SIC Code: SIC Description: PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:					

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		121 C			
Waste Class Desc:		Alkaline slutions - containing heavy metals			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		146 R			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		243 D			
Waste Class Desc:		PCB			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			

[28](#)

7 of 8

NW/199.0

92.9 / 2.00

Public Services & Procurement Canada RPB
1495 HERON ROAD
OTTAWA ON K1V 6A6

GEN

Generator No:
Status:
Approval Years:
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

ON0554836
Registered
As of Jul 2020

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

Canada

Detail(s)

Waste Class:	331 I
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	243 D
Waste Class Desc:	PCB
Waste Class:	146 T
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	251 L

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		146 R			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		121 C			
Waste Class Desc:		Alkaline slutions - containing heavy metals			

28	8 of 8	NW/199.0	92.9 / 2.00	Public Services & Procurement Canada RPB 1495 HERON ROAD OTTAWA ON K1V 6A6	GEN
Generator No:		ON0554836		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Apr 2021		Choice of Contact:	
Contam. Facility:		Co Admin:			
MHSW Facility:		Phone No Admin:			
SIC Code:					
SIC Description:					

Detail(s)

Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		121 C			
Waste Class Desc:		Alkaline slutions - containing heavy metals			
Waste Class:		243 D			
Waste Class Desc:		PCB			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		146 R			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			

<u>29</u>	1 of 1	WSW/203.1	89.8 / -1.06	2840 Baycrest Dr Ottawa ON K1V7P8	EHS
Order No:		20160607007		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Client Prov/State:	
Report Date:		10-JUN-16		Search Radius (km):	
Date Received:		07-JUN-16		X:	
				ON	
				.25	
				-75.653681	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name: Lot/Building Size: Additional Info Ordered:				Y: 45.37661	
30	1 of 1	SSE/206.4	87.9 / -3.00	1258963 Ontario Inc., operating as Condominium Management Corporation<UNOFFICIAL> 1512 Walkley Road Ottawa ON	SPL
Ref No: 1440-A82UPA Site No: NA Incident Dt: 2016/03/14 Year: Incident Cause: Incident Event: Operator/Human error Contaminant Code: 13 Contaminant Name: HYDROCARBON LIGHT Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Land MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2016/03/14 Dt Document Closed: Incident Reason: Equipment Failure Site Name: Oil leaking from commercial van to CB. <UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: City of Ottawa: commercial van leaking oil to CB. Walkley Rd. Contaminant Qty: 50 L		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Other Agency Involved: Nearest Watercourse: Site Address: 1512 Walkley Road 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:			
31	1 of 1	E/207.5	88.9 / -2.00	BLACK PHOTO SEE&USE ON0074313 1635 WAKLEY RD. OTTAWA ON	GEN
Generator No: ON0074345 Status: Approval Years: 88,89,90,92,93,94 Contam. Facility: MHSW Facility: SIC Code: 0000 SIC Description: *** NOT DEFINED ***		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
32	1 of 1	ESE/212.4	88.9 / -2.00	5310 GYPLORE DR. MISSISSAUGA ON	WWIS
Well ID: 7154090 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Monitoring and Test Hole Water Type: Casing Material: Audit No: Z113176 Tag: A104657 Construction Method: Elevation (m):		Data Entry Status: Data Src: Date Received: 11/4/2010 Selected Flag: True Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 5310 GYPLORE DR. County: OTTAWA Municipality: OTTAWA CITY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:			Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7154090.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2010/10/14			
Year Completed:		2010			
Depth (m):		4.27			
Latitude:		45.3770441393206			
Longitude:		-75.6466943518301			
Path:		715\7154090.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1003362525		Elevation:	88.026145
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	449366.00
Code OB Desc:				North83:	5025040.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:		14-Oct-2010 00:00:00		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003482042			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:		68			
Mat3 Desc:		DRY			
Formation Top Depth:		0.0			
Formation End Depth:		3.0999999046325684			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003482043			
Layer:		2			
Color:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:		91			
Mat3 Desc:		WATER-BEARING			
Formation Top Depth:		3.0999999046325684			
Formation End Depth:		4.269999980926514			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003482047			
Layer:		3			
Plug From:		0.910000026226044			
Plug To:		4.26999998092651			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003482046			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		0.910000026226044			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003482045			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1003482053			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
 <u>Pipe Information</u>					
Pipe ID:		1003482041			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1003482049			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.22000002861023			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		4.03000020980835			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003482050			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.22000002861023			
Screen End Depth:		4.26999998092651			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82000017166138			
<u>Water Details</u>					
Water ID:		1003482048			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003482044			
Diameter:		8.25			
Depth From:		0.0			
Depth To:		4.269999980926514			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

33	1 of 2	E/212.9	88.9 / -2.00	PETM Canada Corporation 1600 Heron Road Unit 1 Ottawa ON K1V2P5	GEN
Generator No:		ON3413486		PO Box No:	
Status:		Registered		Country:	Canada
Approval Years:		As of Jul 2020		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

<u>Detail(s)</u>					
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		263 A			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		269 T			
Waste Class Desc:		Organic non-halogenated pesticide and herbicide wastes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
33	2 of 2	E/212.9	88.9 / -2.00	PETM Canada Corporation 1600 Heron Road Unit 1 Ottawa ON K1V2P5	GEN
Generator No:	ON3413486			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Apr 2021			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		263 A			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		269 T			
Waste Class Desc:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
34	1 of 1	ESE/218.0	88.9 / -2.00	ON	BORE
Borehole ID:	612800			Inclin FLG:	No
OGF ID:	215514106			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUN-1953			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.376702
Total Depth m:	35.4			Longitude DD:	-75.647014
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	449341

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Drill Method: Orig Ground Elev m: 88.4 Elev Reliabil Note: DEM Ground Elev m: 87.9 Concession: Location D: Survey D: Comments:					
				Northing: 5025002 Location Accuracy: Accuracy: Not Applicable	
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218392547 Top Depth: 0 Bottom Depth: 6.1 Material Color: Blue Material 1: Clay Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: CLAY. BLUE.					
				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218392548 Top Depth: 6.1 Bottom Depth: 35.4 Material Color: Black Material 1: Slate Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: SLATE. BLACK. 00090FISSURED. CLAY. BROWN,GREY,VERY STIFF TO HARD,FISSURED. CLAY. BROWN, GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.					
				Mat Consistency: Hard Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
<u>Source</u>					
Source Type: Data Survey Source Orig: Geological Survey of Canada Source Date: 1956-1972 Confidence: Observatio: Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA2.txt RecordID: 05308 NTS_Sheet: Confiden 1:					
				Source Appl: Spatial/Tabular Source Iden: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level	
<u>Source List</u>					
Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada					
				Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator	
35	1 of 1	ESE/218.2	88.9 / -2.00	ON	WWIS
Well ID: 1508970 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply					
				Data Entry Status: Data Src: 1 Date Received: 7/7/1953 Selected Flag: True Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type:			Contractor:	3725	
Casing Material:			Form Version:	1	
Audit No:			Owner:		
Tag:			Street Name:		
Construction Method:			County:	OTTAWA	
Elevation (m):			Municipality:	OTTAWA CITY	
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot:		
Well Depth:			Concession:		
Overburden/Bedrock:			Concession Name:		
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508970.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		1953/06/06			
Year Completed:		1953			
Depth (m):		35.3568			
Latitude:		45.376700280705			
Longitude:		-75.647013560452			
Path:		150\1508970.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10031004		Elevation:	87.918060
DP2BR:		20.00		Elevrc:	
Spatial Status:				Zone:	18
Code OB:		r		East83:	449340.70
Code OB Desc:		Bedrock		North83:	5025002.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		06-Jun-1953 00:00:00		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011108			
Layer:		2			
Color:		8			
General Color:		BLACK			
Mat1:		19			
Most Common Material:		SLATE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		116.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011107			
Layer:		1			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508970			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579574			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930054648			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		116			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930054647			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508970			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		22.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth:					
Pumping Rate:		4.0			
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:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933463696			
Layer:		2			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		90.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933463695			
Layer:		1			
Kind Code:		4			
Kind:		MINERIAL			
Water Found Depth:		80.0			
Water Found Depth UOM:		ft			
36	1 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA ON K1V 6P5	PRT
Location ID:		11132			
Type:		retail			
Expiry Date:		1995-12-31			
Capacity (L):		24197			
Licence #:		0022604001			
36	2 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		9552653			
Status:		EXPIRED			
Instance ID:		389786			
Instance Type:		FS Facility			
Description:		FS Gasoline Station - Full Serve			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Original Source:		EXP			
Record Date:		Up to Mar 2012			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
36	3 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		11416943			
Status:		EXPIRED			
Instance ID:		83849			
Instance Type:		FS Piping			
Description:		FS Piping			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Original Source:		EXP			
Record Date:		Up to Mar 2012			
36	4 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		11416923			
Status:		EXPIRED			
Instance ID:		83843			
Instance Type:		FS Piping			
Description:		FS Piping			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Original Source:		EXP			
Record Date:		Up to Mar 2012			
36	5 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	EXP
Instance No:		10907768	Model:		NULL
Status:		EXPIRED	Quantity:		1
Instance ID:			Unit of Measure:		EA
Instance Type:			Fuel Type2:		NULL
Instance Creation Dt:		1/22/1992	Fuel Type3:		NULL
Instance Install Dt:		1/22/1992	Piping Steel:		
Item:			Piping Galvanized:		
Item Description:		FS Liquid Fuel Tank	Tank Single Wall St:		
Facility Type:		FS LIQUID FUEL TANK	Piping Underground:		
Overfill Prot Type:		NULL	Tank Underground:		
Creation Date:		7/5/2009 1:22:07 AM	Panam Related:		NULL
Expired Date:			Panam Venue Nm:		NULL
Manufacturer:		NULL			
Source:		FS Liquid Fuel Tank			
Description:		NEWLY ENTERED APPLICATIONS - NO ENGINEERING INPUT - 19911021			
Serial No:		NULL			
Ulc Standard:		NULL			
Facility Location:		1594 WALKLEY RD OTTAWA K1V 6P5 ON CA			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
36	6 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	EXP
Instance No: 10907777 Status: EXPIRED Instance ID: Instance Type: Instance Creation Dt: 1/22/1992 Instance Install Dt: 1/22/1992 Item: Item Description: FS Liquid Fuel Tank Facility Type: FS LIQUID FUEL TANK Overfill Prot Type: NULL Creation Date: 7/5/2009 1:22:08 AM Expired Date: Manufacturer: NULL Source: FS Liquid Fuel Tank Description: NEWLY ENTERED APPLICATIONS - NO ENGINEERING INPUT - 19911021 Serial No: NULL Ulc Standard: NULL Facility Location: 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA Model: NULL Quantity: 1 Unit of Measure: EA Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: NULL Panam Venue Nm: NULL					
36	7 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	EXP
Instance No: 10907786 Status: EXPIRED Instance ID: Instance Type: Instance Creation Dt: 1/22/1992 Instance Install Dt: 1/22/1992 Item: Item Description: FS Liquid Fuel Tank Facility Type: FS LIQUID FUEL TANK Overfill Prot Type: NULL Creation Date: 7/5/2009 1:22:08 AM Expired Date: Manufacturer: NULL Source: FS Liquid Fuel Tank Description: NEWLY ENTERED APPLICATIONS - NO ENGINEERING INPUT - 19911021 Serial No: NULL Ulc Standard: NULL Facility Location: 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA Model: NULL Quantity: 1 Unit of Measure: EA Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: NULL Panam Venue Nm: NULL					
36	8 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	EXP
Instance No: 11416907 Status: EXPIRED Instance ID: Instance Type: Instance Creation Dt: 1/22/1992 Instance Install Dt: 1/22/1992 Item: Item Description: FS Liquid Fuel Tank Facility Type: FS LIQUID FUEL TANK Model: NULL Quantity: 1 Unit of Measure: EA Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overfill Prot Type: Creation Date: Expired Date: Manufacturer: Source: Description: Serial No: Ulc Standard: Facility Location: NULL 7/5/2009 1:25:13 AM NULL FS Liquid Fuel Tank ETHANOL NULL NULL 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA Tank Underground: Panam Related: Panam Venue Nm: NULL NULL					
36	9 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	FST
Instance No: Status: Cont Name: Instance Type: Item: Item Description: Tank Type: Install Date: Install Year: Years in Service: Model: Description: Capacity: Tank Material: Corrosion Protect: Overfill Protect: Facility Type: Parent Facility Type: Facility Location: Device Installed Location: 10907777 FS LIQUID FUEL TANK FS Liquid Fuel Tank Liquid Fuel Single Wall UST 1/22/1992 1982 NULL 25000 Steel FS Liquid Fuel Tank 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue: Gasoline NULL NULL					
<u>Fuel Storage Tank Details</u>					
Owner Account Name: SUNYS PETROLEUM INC					
36	10 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	FST
Instance No: Status: Cont Name: Instance Type: Item: Item Description: Tank Type: Install Date: Install Year: Years in Service: Model: Description: Capacity: Tank Material: Corrosion Protect: Overfill Protect: Facility Type: Parent Facility Type: Facility Location: 10907786 FS LIQUID FUEL TANK FS Liquid Fuel Tank Liquid Fuel Single Wall UST 1/22/1992 1982 NULL 35000 Steel FS Liquid Fuel Tank Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue: Gasoline NULL NULL					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Device Installed Location:		1594 WALKLEY RD OTTAWA K1V 6P5 ON CA			
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		SUNYS PETROLEUM INC			
36	11 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	FST
Instance No:		11416907		Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:		FS LIQUID FUEL TANK		Unit of Measure:	
Item Description:		FS Liquid Fuel Tank		Fuel Type:	Other
Tank Type:		Liquid Fuel Single Wall UST		Fuel Type2:	NULL
Install Date:		1/22/1992		Fuel Type3:	NULL
Install Year:		1982		Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		25000		Num Underground:	
Tank Material:		Steel		Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:					
Facility Location:					
Device Installed Location:		1594 WALKLEY RD OTTAWA K1V 6P5 ON CA			
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		SUNYS PETROLEUM INC			
36	12 of 12	ESE/223.3	88.9 / -2.00	SUNYS PETROLEUM INC 1594 WALKLEY RD OTTAWA K1V 6P5 ON CA ON	FST
Instance No:		10907768		Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:		FS LIQUID FUEL TANK		Unit of Measure:	
Item Description:		FS Liquid Fuel Tank		Fuel Type:	Gasoline
Tank Type:		Liquid Fuel Single Wall UST		Fuel Type2:	NULL
Install Date:		1/22/1992		Fuel Type3:	NULL
Install Year:		1982		Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		25000		Num Underground:	
Tank Material:		Steel		Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:					
Facility Location:					
Device Installed Location:		1594 WALKLEY RD OTTAWA K1V 6P5 ON CA			
<u>Fuel Storage Tank Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Owner Account Name:		SUNYS PETROLEUM INC			
37	1 of 1	NW/223.7	92.8 / 1.97	1495 HERON ROAD Ottawa ON	WWIS
Well ID:		7130931		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Not Used		Date Received:	
Sec. Water Use:				Selected Flag:	
Final Well Status:		Abandoned-Other		Abandonment Rec:	
Water Type:				Contractor:	
Casing Material:				Form Version:	
Audit No:		Z81073		Owner:	
Tag:				Street Name:	
Construction Method:				County:	
Elevation (m):				Municipality:	
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/713\7130931.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2009/07/14			
Year Completed:		2009			
Depth (m):					
Latitude:		45.3814904670312			
Longitude:		-75.653080423158			
Path:		713\7130931.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1002730916		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		14-Jul-2009 00:00:00		UTMRC Desc:	
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003063160			
Layer:		1			
Plug From:		0			
Plug To:		0.100000001490116			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003063161			
Layer:		2			
Plug From:		0.100000001490116			
Plug To:		0.899999976158142			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003063162			
Layer:		3			
Plug From:		0.899999976158142			
Plug To:		4.5			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003063167			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003063157			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003063164			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		51			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003063165			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID: 1003063163 Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1003063159 Diameter: 20.0 Depth From: 0.0 Depth To: 4.5 Hole Depth UOM: m Hole Diameter UOM: cm					
38	1 of 6	E/223.8	88.9 / -2.00	Rexall Pharmacy Group Ltd 1725 Walkley Road Unit C Ottawa ON K1V 2P6	GEN
Generator No: ON2796123 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 446110 SIC Description: 446110					
PO Box No: Country: Canada Choice of Contact: CO_ADMIN Co Admin: Erik Botines Phone No Admin: 9055017800 Ext.					
<u>Detail(s)</u>					
Waste Class: 312 Waste Class Desc: PATHOLOGICAL WASTES					
Waste Class: 261 Waste Class Desc: PHARMACEUTICALS					
38	2 of 6	E/223.8	88.9 / -2.00	Pharma Plus Drugmarts Ltd 1725 Walkley Road Unit C Ottawa ON K1V 2P6	GEN
Generator No: ON2796123 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 446110 SIC Description: 446110					
PO Box No: Country: Canada Choice of Contact: CO_ADMIN Co Admin: Erik Botines Phone No Admin: 9055017800 Ext.					
<u>Detail(s)</u>					
Waste Class: 312 Waste Class Desc: PATHOLOGICAL WASTES					
38	3 of 6	E/223.8	88.9 / -2.00	Pharma Plus Drugmarts Ltd 1725 Walkley Road Unit C Ottawa ON K1V 2P6	GEN
Generator No: ON2796123 Status: Approval Years: 2014					
PO Box No: Country: Canada Choice of Contact: CO_ADMIN					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	No No 446110 446110			Co Admin: Phone No Admin:	Aaron Schrama 905-502-5965 Ext.
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		312			
		PATHOLOGICAL WASTES			
38	4 of 6	E/223.8	88.9 / -2.00	Rexall Pharmacy Group Ltd 1725 Walkley Road Unit C Ottawa ON K1V 2P6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2796123 Registered As of Dec 2018			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		261 A			
		Pharmaceuticals			
Waste Class: Waste Class Desc:		312 P			
		Pathological wastes			
38	5 of 6	E/223.8	88.9 / -2.00	Rexall Pharmacy Group Ltd 1725 Walkley Road Unit C Ottawa ON K1V 2P6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2796123 Registered As of Jul 2020			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		312 P			
		Pathological wastes			
Waste Class: Waste Class Desc:		261 A			
		Pharmaceuticals			
38	6 of 6	E/223.8	88.9 / -2.00	Rexall Pharmacy Group Ltd 1725 Walkley Road Unit C Ottawa ON K1V 2P6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2796123 Registered As of Apr 2021			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
39	1 of 1	N/227.2	93.6 / 2.69	VANDALS 1693 AMBERDALE (N.O.S.) OTTAWA CITY ON K1H 7B2	SPL
Ref No:	58532			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	10/12/1991			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:	Water course or lake			Site Lot:	
Receiving Medium:	WATER			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	WORKS DEPT.
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	10/12/1991			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	VANDALISM			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	VANDAL POURED 9L GASOLINE INTO CATCH BASIN. WORKS FLUSHED & PUMPED-OUT.				
Contaminant Qty:					
40	1 of 5	SSE/235.6	90.0 / -0.92	1500 Walkley Road Ottawa ON K1V 0H8	EHS
Order No:	20200302188			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	05-MAR-20			Search Radius (km):	.25
Date Received:	02-MAR-20			X:	-75.6497587
Previous Site Name:				Y:	45.3750641
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
40	2 of 5	SSE/235.6	90.0 / -0.92	1500 Walkley Road Ottawa ON K1V 0H8	EHS
Order No:	20200302188			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	05-MAR-20			Search Radius (km):	.25
Date Received:	02-MAR-20			X:	-75.6497587
Previous Site Name:				Y:	45.3750641
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			
40	3 of 5	SSE/235.6	90.0 / -0.92	1500 Walkley Road Ottawa ON K1V 0H8	EHS
Order No: 20200302188				Nearest Intersection:	
Status: C				Municipality:	
Report Type: Custom Report				Client Prov/State: ON	
Report Date: 05-MAR-20				Search Radius (km): .25	
Date Received: 02-MAR-20				X: -75.6497587	
Previous Site Name:				Y: 45.3750641	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
40	4 of 5	SSE/235.6	90.0 / -0.92	1500 Walkley Road Ottawa ON K1V 0H8	EHS
Order No: 20200302188				Nearest Intersection:	
Status: C				Municipality:	
Report Type: Custom Report				Client Prov/State: ON	
Report Date: 05-MAR-20				Search Radius (km): .25	
Date Received: 02-MAR-20				X: -75.6497587	
Previous Site Name:				Y: 45.3750641	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
40	5 of 5	SSE/235.6	90.0 / -0.92	1500 Walkley Road Ottawa ON K1V 0H8	EHS
Order No: 20200302188				Nearest Intersection:	
Status: C				Municipality:	
Report Type: Custom Report				Client Prov/State: ON	
Report Date: 05-MAR-20				Search Radius (km): .25	
Date Received: 02-MAR-20				X: -75.6497587	
Previous Site Name:				Y: 45.3750641	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
41	1 of 6	ESE/238.5	87.9 / -2.93	BETTY BRITE CLEANERS 1574 WALKLEY ROAD C/O 218 LAURIER AVENUE EAST OTTAWA ON K1V 6P5	GEN
Generator No: ON0318803				PO Box No:	
Status:				Country:	
Approval Years: 86,87,88,89				Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code: 9721					
SIC Description:		POWER LAUND./CLEANERS			
Detail(s)					
Waste Class: 241					
Waste Class Desc:		HALOGENATED SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	2 of 6	ESE/238.5	87.9 / -2.93	BETTY BRITE CLEANERS 1574 WALKLEY ROAD OTTAWA ON K1V 6P5	GEN
Generator No:		ON0318803	PO Box No:		
Status:			Country:		
Approval Years:		90,98	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		9721			
SIC Description:		POWER LAUND./CLEANER			
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
41	3 of 6	ESE/238.5	87.9 / -2.93	BETTY BRITE CLEANERS 05-390 1574 WALKLEY ROAD OTTAWA ON K1V 6P5	GEN
Generator No:		ON0318803	PO Box No:		
Status:			Country:		
Approval Years:		92,93,94,95,96,97	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		9721			
SIC Description:		POWER LAUND./CLEANER			
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
41	4 of 6	ESE/238.5	87.9 / -2.93	STARLIGHT BUILDING CLEANING SERVIC 1576 WALKLEY ROAD OTTAWA ON K1V 6P5	GEN
Generator No:		ON0449900	PO Box No:		
Status:			Country:		
Approval Years:		86,87,88,89,90	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		0000			
SIC Description:		*** NOT DEFINED ***			
41	5 of 6	ESE/238.5	87.9 / -2.93	STARLIGHT BUILDING CLEANING SERVICES 1576 WALKLEY ROAD OTTAWA ON K1V 6P5	GEN
Generator No:		ON0449900	PO Box No:		
Status:			Country:		
Approval Years:		92,93,94	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		0000			
SIC Description:		*** NOT DEFINED ***			
41	6 of 6	ESE/238.5	87.9 / -2.93	1574-1576 Walkley Road Ottawa ON	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:	20110113041 C Custom Report 1/20/2011 1/13/2011 4:35:38 PM			Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.646856 Y: 45.376548	
42	1 of 1	ESE/240.1	88.9 / -2.00	City of Ottawa 1602 Walkley RD Ottawa ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	3763-AK2PLK NA 3/1/2017 Other 44 SEWAGE,PRIMARY UNCHLORINATED 3/1/2017 Blockage rsidential site<UNOFFICIAL> C of Ottawa: blocked sewer, clear fluid to cb, cntd & chld 0 other - see incident description			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Miscellaneous Communal Agency Involved: Nearest Watercourse: Site Address: 1602 Walkley RD Site District Office: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: 5025069 Easting: 449398 Site Geo Ref Accu: Site Map Datum: SAC Action Class: Land Spills Source Type:	
43	1 of 1	WNW/246.0	94.0 / 3.14	ON	BORE
Borehole ID: OGF ID: Status: Type: Use: Completion Date: Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: Depth Ref: Depth Elev: Drill Method: Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments:	612858 215514164 Borehole 4.8 Ground Surface 96.3 97			Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: 45.380887 Longitude DD: -75.655108 UTM Zone: 18 Easting: 448711 Northing: 5025472 Location Accuracy: Accuracy: Not Applicable	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218392744			Mat Consistency:	
Top Depth:	2.7			Material Moisture:	
Bottom Depth:	3.8			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.				
Geology Stratum ID:	218392743			Mat Consistency:	
Top Depth:	2.3			Material Moisture:	
Bottom Depth:	2.7			Material Texture:	
Material Color:	Red			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Shale			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK. WEATHERED.				
Geology Stratum ID:	218392745			Mat Consistency:	
Top Depth:	3.8			Material Moisture:	
Bottom Depth:	4.8			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. 00010 022 00025 010 00035 009 00075 008 00010020000250270003508400075121 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218392740			Mat Consistency:	Soft
Top Depth:	.3			Material Moisture:	
Bottom Depth:	.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:	CLAY. VERY SOFT.				
Geology Stratum ID:	218392741			Mat Consistency:	Dense
Top Depth:	.8			Material Moisture:	
Bottom Depth:	1.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	UNSPECIFIED. DENSE.				
Geology Stratum ID:	218392742			Mat Consistency:	Dense
Top Depth:	1.1			Material Moisture:	
Bottom Depth:	2.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3: Material 4: Gsc Material Description: Stratum Description:	Sand UNSPECIFIED. DENSE.			Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color:	218392739 0 .3			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	
Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Unknown UNSPECIFIED.			Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 053660 NTS_Sheet: 31G05G Logged by professional. Exact and complete description of material and properties.			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
44	1 of 2	ENE/247.0	89.9 / -1.00	Enbridge Gas Distribution Inc. 2416 Wyndale Cres Ottawa ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth:	3752-BJ3REL NA 11/19/2019 Leak/Break 35 NATURAL GAS (METHANE) 1075 Air No 11/19/2019 Operator/Human Error Residence:<UNOFFICIAL>			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	2 - Minor Environment Corporation Miscellaneous Industrial 2416 Wyndale Cres Ottawa Eastern Ottawa Air Spills - Gases and Vapours Pipeline/Components

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Summary:		TSSA FSB: Enbridge line strike 1/2" plastic IP, made safe			
Contaminant Qty:		0 ft³			
44	2 of 2	ENE/247.0	89.9 / -1.00	ENBRIDGE GAS INC 2416 WYNDALE CRES.,OTTAWA,ON,K1H 7A6, CA ON	PINC
Incident ID:		Pipe Material:			
Incident No:		Fuel Category:			
Incident Reported Dt:		Health Impact:			
Type:		Environment Impact:			
Status Code:		Property Damage:			
Tank Status:		Service Interrupt:			
Task No:		Enforce Policy:			
Spills Action Centre:		Public Relation:			
Fuel Type:		Pipeline System:			
Fuel Occurrence Tp:		PSIG:			
Date of Occurrence:		Attribute Category:			
Occurrence Start Dt:		Regulator Location:			
Depth:		Method Details:			
Customer Acct Name:		ENBRIDGE GAS INC			
Incident Address:		2416 WYNDALE CRES.,OTTAWA,ON,K1H 7A6,CA			
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					
45	1 of 1	SW/248.9	89.9 / -1.00	2805,2898,2889,2865 Cedarwood Dr. Ottawa ON	EHS
Order No:		20040113004		Nearest Intersection:	Cedarwood Dr. & Walkly Rd.
Status:		C		Municipality:	
Report Type:		Complete Report		Client Prov/State:	ON
Report Date:		1/21/04		Search Radius (km):	0.50
Date Received:		1/13/04		X:	-75.652251
Previous Site Name:				Y:	45.376285
Lot/Building Size:					
Additional Info Ordered:					
46	1 of 1	ESE/249.0	88.3 / -2.54	PRIVATE RESIDENCE REAR OF PLAZA AT 1582 WALKLEY RD GARBAGE BIN AREA (N.O.S.) OTTAWA CITY ON K1V 6P5	SPL
Ref No:		44406		Discharger Report:	
Site No:				Material Group:	
Incident Dt:		12/8/1990		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:	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Contaminant UN No 1:				Site Region:	
Environment Impact:	NOT ANTICIPATED			Site Municipality:	20101
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	WORKS DEPT
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	12/8/1990			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	INTENTIONAL/PLANNED			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	MOTORIST CHANGED OIL IN CAR THEN DUMPED 5 L OF WASTE OIL ONTO A TREE.				
Contaminant Qty:					

Unplottable Summary

Total: 20 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Public Works and Government Services Canada		Ottawa ON	
CA	R.J. NICOL CONSTRUCTION (1975) LTD.	HERON RD. ST. PETERS SCHOOL	OTTAWA CITY ON	
CA	Public Works and Government Services Canada		Ottawa ON	
CA	OTTAWA CITY	WALKLEY RD., HAWTHORNE BUS.PK.	OTTAWA CITY ON	
CA	R.J. NICOL CONSTRUCTION (1975) LTD.	HERON RD. ST. PETERS SCHOOL	OTTAWA CITY ON	
CA	Regional Municipality of Ottawa-Carleton	HERON ROAD	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	WALKLEY RD.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HERON RD.	OTTAWA CITY ON	
EHS		Heron Road	Ottawa ON	
EHS		heron road	ottawa ON	
GEN	SPIC & SPAN-VALETOR-CASH CLEANERS	HERONGAVE MALL, HERON ROAD C/O 1764 WOODWARD DRIVE	OTTAWA ON	K2C 0P8
GEN	SPIC & SPAN-VALETOR (OUT OF BUSINESS)	HERONGAVE MALL, HERON ROAD C/O 1764 WOODWARD DRIVE	OTTAWA ON	K2C 0P8
GEN	SPIC & SPAN-VALETOR-CASH CLEANERS 35-136	HERONGAVE MALL, HERON ROAD C/O 1764 WOODWARD DRIVE	OTTAWA ON	K2C 0P8
NDFT		Walkley Rd, Ottawa	ON	
NPRI	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA		Ottawa ON	
SPL	HEATING OIL TANK	FARM OFF HWY 16 PETROLEUM SECTOR _ONLY_	OTTAWA-CARLETON R. M. ON	

SPL	TRANSPORT TRUCK	HWY 16 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL		SNC Lavalin Profac	Ottawa ON
SPL		Upstream of Heron rd	Ottawa ON
SPL		denied s. 21(1)	Ottawa ON

Unplottable Report

Site: *Public Works and Government Services Canada*
Ottawa ON

Database:
CA

Certificate #: 5638-6AXR4D
Application Year: 2005
Issue Date: 3/29/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *R.J. NICOL CONSTRUCTION (1975) LTD.*
HERON RD. ST. PETERS SCHOOL OTTAWA CITY ON

Database:
CA

Certificate #: 7-0065-87-
Application Year: 87
Issue Date: 2/20/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Public Works and Government Services Canada*
Ottawa ON

Database:
CA

Certificate #: 4810-6ASSBE
Application Year: 2005
Issue Date: 4/1/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *OTTAWA CITY*
WALKLEY RD., HAWTHORNE BUS.PK. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0448-93-

Application Year: 93
Issue Date: 6/18/1993
Approval Type: Municipal sewage
Status: Preliminary approval
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **R.J. NICOL CONSTRUCTION (1975) LTD.**
HERON RD. ST. PETERS SCHOOL OTTAWA CITY ON

Database:
CA

Certificate #: 3-0091-87-
Application Year: 87
Issue Date: 2/20/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Regional Municipality of Ottawa-Carleton**
HERON ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 8-4161-92-
Application Year: 92
Issue Date: 12/10/1992
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: INSTALL 20 KW STANDBY DIESEL GENERATOR
Contaminants: Nitrogen Oxides
Emission Control: No Controls

Site: **R.M. OF OTTAWA-CARLETON**
WALKLEY RD. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1116-87-
Application Year: 87
Issue Date: 7/9/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HERON RD. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1471-86-
Application Year: 86
Issue Date: 10/16/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Heron Road Ottawa ON

Database:
EHS

Order No: 20141021043
Status: C
Report Type: Standard Report
Report Date: 27-OCT-14
Date Received: 21-OCT-14
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality: City of Ottawa
Client Prov/State: ON
Search Radius (km): .25
X: -75.684489
Y: 45.375447

Site: heron road ottawa ON

Database:
EHS

Order No: 20021218002
Status: C
Report Type: Complete Report
Report Date: 12/19/02
Date Received: 12/18/02
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.50
X: -75.64485
Y: 45.37902

Site: SPIC & SPAN-VALETOR-CASH CLEANERS
HERONGAVE MALL, HERON ROAD C/O 1764 WOODWARD DRIVE OTTAWA ON K2C 0P8

Database:
GEN

Generator No: ON0573416
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: SPIC & SPAN-VALETOR (OUT OF BUSINESS)
HERONGAVE MALL, HERON ROAD C/O 1764 WOODWARD DRIVE OTTAWA ON K2C 0P8

Database:
GEN

Generator No: ON0573416
PO Box No:

Status:
Approval Years: 92,93,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: **SPIC & SPAN-VALETOR-CASH CLEANERS 35-136**
HERONGAVE MALL, HERON ROAD C/O 1764 WOODWARD DRIVE OTTAWA ON K2C 0P8

Database:
GEN

Generator No: ON0573416
Status:
Approval Years: 94,95
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: **Walkley Rd, Ottawa ON**

Database:
NDFT

Property Id: K6171
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Waste oil storage
Install Year: 1994
Tank Type: Aboveground Shop-fabricated
Last Year Used:
Tank Contents: Waste oil/used oil
Capacity (L): 1500

Site: **PUBLIC WORKS AND GOVERNMENT SERVICES CANADA**
Ottawa ON

Database:
NPRI

NPRI ID: 7200010178
Other ID:
No Other ID:
Track ID:
Report ID: 4783
Report Type:
Rpt Type ID:
Report Year: 2011
Not-Current Rpt?:
Yr of Last Filed Rpt:
Fac ID:
Fac Name: CLIFF CENTRAL HEATING AND COOLING PLANT
Fac Address1:
Fac Address2:
Fac Postal Zip:
Facility Lat:
Facility Long:
DLS (Last Filed Rpt):

Org ID:
Submit Date:
Last Modified:
Contact ID:
Cont Type: MED
Contact Title:
Cont First Name:
Cont Last Name:
Contact Position:
Contact Fax:
Contact Ph.:
Cont Area Code:
Contact Tel.:
Contact Ext.:
Cont Fax Area Cde:
Contact Fax:
Contact Email:
Latitude:

Facility DLS:		Longitude:	
Datum:		UTM Zone:	
Facility Cmnts:		UTM Northing:	
URL:		UTM Easting:	
No of Empl.:		Waste Streams:	
Parent Co.:		No Streams:	
No Parent Co.:		Waste Off Sites:	
Pollut Prev Cmnts:		No Off Sites:	
Stacks:		Shutdown:	
No of Stacks:		No of Shutdown:	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	91		
NAICS 2 Description:	Public Administration		
NAICS Code (4 digit):	9119		
NAICS 4 Description:	Other Federal Government Public Administration		
NAICS Code (6 digit):	911910		
NAICS 6 Description:	Other Federal Government Public Administration		

Site: HEATING OIL TANK
FARM OFF HWY 16 PETROLEUM SECTOR _ONLY_ OTTAWA-CARLETON R.M. ON

Database:
SPL

Ref No:	30436	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	1/31/1990	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	ABOVE-GROUND TANK 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:		Site Municipality:	20000
Nature of Impact:		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:	1/31/1990	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	CORROSION	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	STOVE OIL TANK-900 L STOVE OIL TO GROUND.		
Contaminant Qty:			

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:	SNC Lavalin Profac Ottawa ON	Database: SPL
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Ref No:	5272-7UEPGA	Discharger Report:	
Site No:		Material Group:	
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Discharge or Emission to Air	Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	REFRIGERANT GAS, R123.	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:	Air Pollution	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	Referral to others	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	7/29/2009	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Unknown - Reason not determined	Source Type:	
Site Name:	SNC Lavalin Profac<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SNC Lavalin Profac: potential R123 to atm.		
Contaminant Qty:	0 other - see incident description		

Site:	Upstream of Heron rd Ottawa ON	Database: SPL
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Ref No:	3334-7GCS8J	Discharger Report:	
Site No:		Material Group:	
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Other Discharges	Sector Type:	Unknown
Incident Event:		Agency Involved:	
Contaminant Code:	28	Nearest Watercourse:	
Contaminant Name:	RUST-INHIBITOR (N.O.S.)	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 Further Response (PR-PIR Table A)	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	7/8/2008	Site Map Datum:	
Dt Document Closed:	10/14/2008	SAC Action Class:	Watercourse Spills
Incident Reason:	Negligence (Apparent) - Caused by lack of diligence	Source Type:	
Site Name:	Sawmill creek<UNOFFICIAL>		

Site County/District:
Site Geo Ref Meth:
Incident Summary: Sawmill Creek, 10 Aerosol cans, cln
Contaminant Qty: 10 other - see incident description

Site:		Database:	
denied s. 21(1) Ottawa ON		SPL	
Ref No:	3017-6BEK8K	Discharger Report:	0
Site No:		Material Group:	Oil
Incident Dt:	4/13/2005	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Tank (Above Ground) Leak	Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	FURNACE OIL	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:	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:	4/13/2005	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	M.C.B.S. - Fuel Safety; Spill to Land
Incident Reason:	Equipment Failure	Source Type:	
Site Name:	denied s. 21(1)		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA: furnace oil to soil		
Contaminant Qty:			

Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2020

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-Dec 31, 2020

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 2018

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-Dec 31, 2020

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 -Apr 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-Nov 2020

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- Jun 30, 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- Jun 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- Jun 30, 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- Jun 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-Jun 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 ERIIS 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: Jul 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-Apr 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: Jul 31, 2020

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-Apr 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 is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: 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-Mar 31, 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-Feb 28, 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-Jun 2020**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-Apr 30, 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- Jun 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 is 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- Jun 30, 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, 1992-2018

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-Jun 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-Dec 31, 2020

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-Aug 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- Jun 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 30th, 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
MECP FOI Search Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is **(416) 314-4285**.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Julie Crooks Pinchin Ltd. 1 Hines Road, Suite 200 Kanata, Ontario K2K 3C7 For questions or concerns please contact Julie Crooks at: jcrooks@pinchin.com			FOI Request No.	FOI Co-ordinator Review date
			Date Request Received	Fee Paid ~ ACCT ~ CHQ ☒ VISA ~ CASH
			Response Due Date	
Telephone/Fax Nos. Tel: (613) 592-3387 ext 1833 Fax (613) 592-5897	Your Project/Reference No. 288344	Signature of Requester 	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐	
Request Parameters Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) 2821 2829 2851 2881 2893 2905 and 2861 Baycrest Drive, 1530 ,1550 1580 1952 Heron Road 2815-2879 Sandalwood Drive, Ottawa Ontario – One Site Present Property Owner(s) and Date(s) of Ownership Hazelview Previous Property Owner(s) and Date(s) of Ownership Present/Previous Tenant(s), (if applicable)				
Search Parameters Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.			Specify Year(s) Requested	
Environmental concerns (General correspondence, occurrence reports, abatement)			ALL	
Orders			ALL	
Spills			ALL	
Investigations/prosecutions ▶ Owner/tenant information must be provided			ALL	
Waste Generator number/classes			ALL	
Certificates of Approval ▶ Proponent information must be provided 1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, hydrogeological reports, etc.				
			SD	Specify Year(s) Requested
air – emissions				
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				
waste water - industrial discharge				
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				
waste systems	- haulers: sewage, non-hazardous & hazardous waste			
	- mobile waste processing units			
	- PCB destruction			
pesticides - licenses				

APPENDIX G
TSSA Archival Search Request



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Customer Service: 1.877.682.8772
Fax: 416.231.4903
Email: publicinformation@tssa.org
www.tssa.org

Application for Release of Public Information

Issued under the Access and Privacy Code

Clear Form

Print Form

A. REQUESTOR INFORMATION:

Your File/Project/Reference No: 288344 Date: Aug 12 2021

Requestor Name : Julie Crooks		Organization Pinchin Ltd.		For Office Use Only Date Account No. SR No. P.I No:
Suite/Unit No: 200	Street No: 1	Street Name: Hines Road		
City: Kanata	Province: ON	Postal Code: K2K 2X3		
Primary Phone: 613-592-3387 Ext. 1833		Secondary Phone:		
Email: jcrooks@pinchin.com		Fax: 613-592-5897		

B. PROGRAM (check ALL that apply)

☐ Boilers & Pressure Vessels ☐ Elevating & Amusement Devices ☒ Fuels ☐ Upholstered and Stuffed Articles

C. DETAILS OF REQUEST (please list in detail the information you require)

Archival Search request for Tanks.

D. PLEASE ANSWER ALL THAT APPLY:

Address of Subject Location (one address per form)
2821 2829 2851 2881 2893 2905 and 2861 Baycrest Drive, 1530 1550 1580 1952 Heron Road 2815 and 2879 Sandalwood Drive, Ottawa Ontario

Device/equipment Type: _____ Owner: _____

Installation Number: _____

CRN: _____ OIN: _____ Serial #: _____

Victim Name (if applicable): _____

Certificate Holder Name (if applicable): _____ Certificate Holder Date of Birth: _____
(DD-MM-YYYY)

Date /period requested:

☐ From (date): _____ to (date) _____

☐ Most recent record



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Fax: 416.231.4903
Customer Service: 1.877.682.8772
Email: publicinformation@tssa.org
www.tssa.org

Application for Release of Public Information Issued under the Access and Privacy Code

E. REASON FOR REQUEST (please explain the reason for your request)

We are completing a Phase I ESA at the Property.

F. FEES & PAYMENT:

TSSA will provide a fee quote for multiple record requests, which must be approved by the Applicant before a record search commences. For fees for single searches, please refer to Fee Schedule [Website Fee Schedule.pdf](#)

Payment for single record search is attached (please check if payment attached)



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9

COMPLETE FOR CREDIT CARD PAYMENTS

Card Type: ☒ VISA ☐ MASTERCARD

Amount of Payment \$ _____

Card#

Expiry Date

In payment of fifty six dollars and fifty cents

Name of Card Holder Larry Backman Client Tel. No. 613-592-3387
First Name Last Name

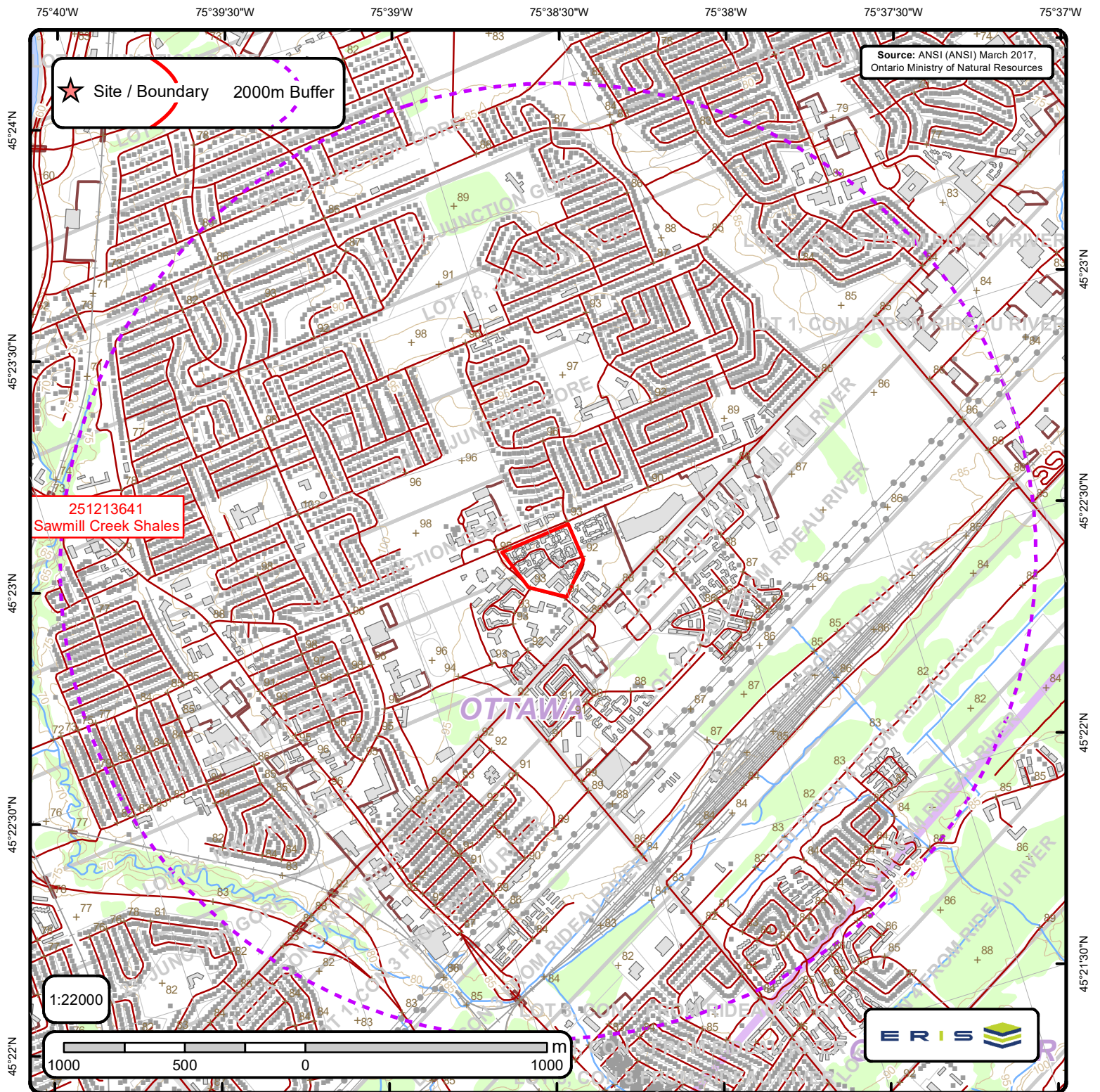
Signature of Card Holder _____ Date Aug 11 2021
(DD-MM-YYYY)

G. TERMS AND CONDITIONS:

Please refer to the link for our Access and Privacy Code [Access and Privacy Code.pdf](#). If this request includes a release of personal information, TSSA will require consent from the effected party.

Applicant Signature	Please Print and sign before returning to TSSA	Date <u>Aug 11 2021</u>
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APPENDIX H
Maps



Area of Natural & Scientific Interest (ANSI) Order No. 21080600049

+	Spot Height	—	Transportation Structure	—	Contour Line	■	Wooded Area
■	Building Point	—	Utility Line	■	Pit or Quarry	■	Conservation Authority
⚡	Towers	—	Water Structure	■	Waterbody	■	Conservation Area
●	Utility Site Point	—	Drainage Line Feature	■	Wetlands	■	Municipal Park
—	Misc. Line	—	River or Stream	■	Concession	■	Provincial Park
—	Railroads	■	Airports	■	Lots	■	National Park
—	Roads	■	Tanks	■	Municipality	■	Nature Reserve
- - -	Trail	■	Building to Scale	■	Land Ownership	■	ANSI Area



ANSI Report

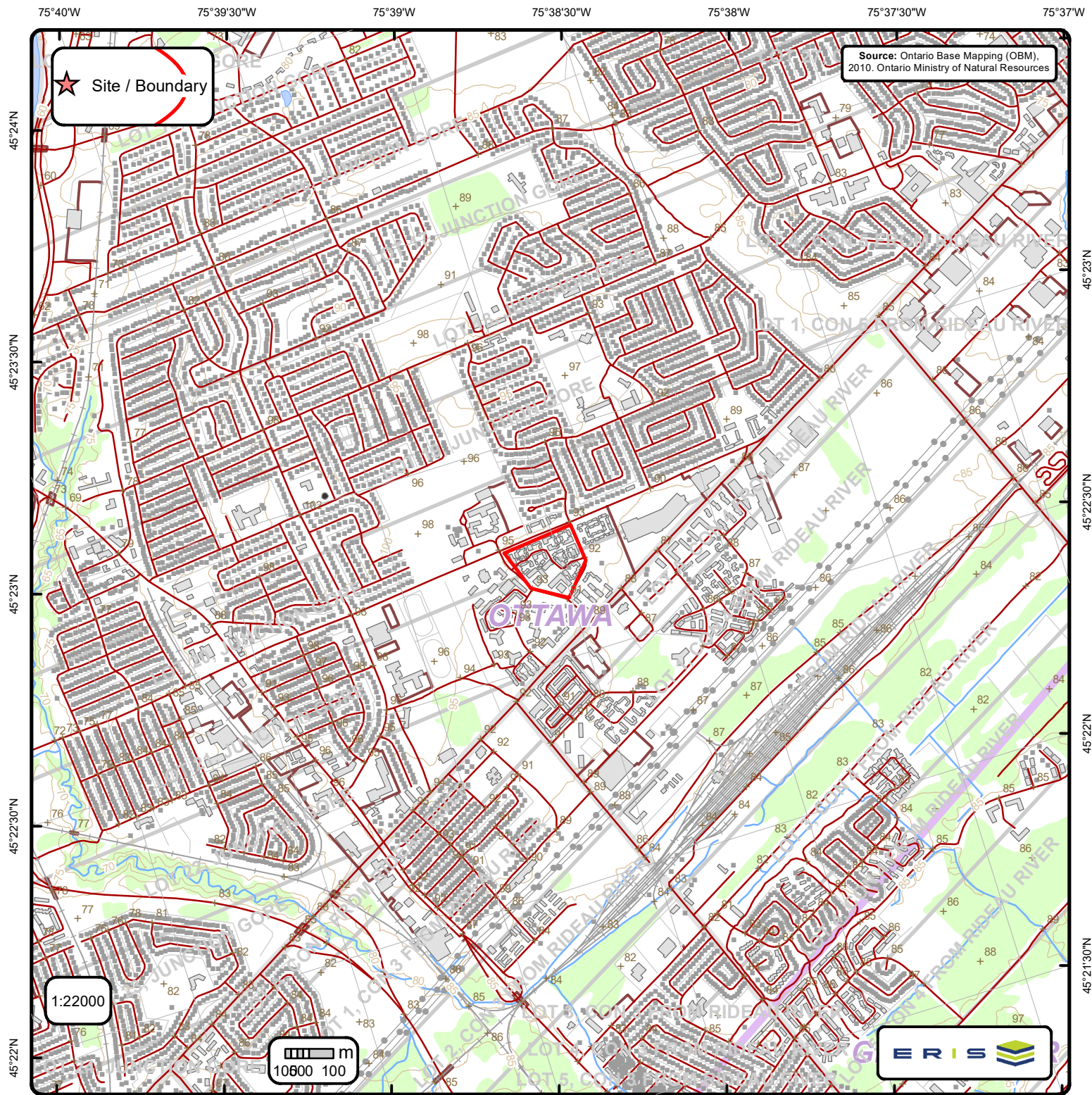
ANSI Units Found within 2000 m of
Baycrest Dr

Page 1
Order No.
21080600049



ANSI Name: Sawmill Creek Shales

ID: 251213641 | **Type:** ANSI, Earth Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 752.152 | **Comments:**



Ontario Base Mapping (OBM) Data

Order No. 21080600049

+	Spot Height (metre)	—	Transportation Structure	—	Contour Line	■	Wooded Area
■	Building Point	—	Utility Line	■	Pit or Quarry	■	Conservation Authority
⚡	Towers	—	Water Structure	■	Waterbody	■	Conservation Area
●	Utility Site Point	—	Drainage Line Feature	■	Wetlands	■	Municipal Park
—	Misc. Line	—	River or Stream	■	Concession	■	Provincial Park
—+—	Railroads	■	Airports	■	Lots	■	National Park
—	Roads	■	Tanks	■	Municipality	■	Nature Reserve
- - -	Trail	■	Building to Scale	■	Land Ownership		