



DRAFT

Phase One Environmental Site Assessment

320 McRae Avenue, 1976 Scott Street, and
311 and 315 Tweedsmuir Avenue
Ottawa, Ontario

Prepared for:

**The Great-West Life
Assurance Company**

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Attn: Mr. Andrew Hanna

February 13, 2020

Pinchin File: 230236.005



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Issued On: February 13, 2020
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1.0 EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained by The Great-West Life Assurance Company (Client) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the property located at 320 McRae Avenue, 1976 Scott Street, and 311 and 315 Tweedsmuir Avenue in Ottawa, Ontario (hereafter referred to as the Site or Phase One Property). The Phase One Property is presently developed with a single-storey commercial/light industrial building complete with a two-storey office portion (Site Building), as well as two, two-storey residential dwellings (Site Buildings B and C). In addition, it should be noted that a retail fuel outlet (RFO) was formerly located on the northeast 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 312/17 on July 28, 2017 (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 application with the City of Ottawa.

This Phase One ESA was conducted at the request of the Client as a condition for the future redevelopment of the Phase One Property. It is Pinchin's understanding that the Phase One Property will be redeveloped from its current mixed commercial/residential land use to a residential land use. Given that this constitutes a change to a more sensitive land use, the filing of a Record of Site Condition (RSC) for the Phase One Property with the Ontario Ministry of the Environment, Conservation and Parks (MECP) is a mandatory requirement of O. Reg. 153/04. As such, this Phase One ESA report has been prepared in accordance with O. Reg. 153/04 to support the filing of an RSC for the Phase One Property.

The scope of work for this Phase One ESA was consistent with O. Reg. 153/04 in support of filing an RSC 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, Fire Insurance Plans (FIPs), Property Underwriters' Reports (PURs) and Property Underwriters' Plans (PUPs), chain of title search results and historical environmental assessments relevant to the Phase One Property. 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 MECP and Technical Standards and Safety Authority (TSSA) records;



- Interviews: Conducted interviews with a Site Representative (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 four legal lots, situated at the municipal addresses of 320 McRae Avenue, 1976 Scott Street, and 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario, which is currently owned by the Client. The Phase One Property is located on the southwest corner of the intersection between McRae Avenue and Scott Street. The current and past land uses of the Phase One Property are summarized in Table 1 (all Tables are provided in Appendix A and all appendices are provided in Section 10.0).

The Chain of Title search indicated that the Phase One Property was first transferred from crown land in 1803 (320 McRae Avenue) and was owned by various single residents from 1803 until the recent purchase by the Client, with the exception of a brief ownership by the Corporation of the Township of Nepean from 1932 until 1939 (due to a default in taxes by the owner at the time). To the best of Pinchin's knowledge, the Phase One Property was first developed prior to 1922 with three residential dwellings and one detached residential-style garage building on the west portion, a commercial building (used by an office supply company in 1922) and an associated warehouse building utilized for paper storage on the west-central and north portions, and two residential dwellings located on the southeast portion. In 1928, The two residential dwellings located on the southeast portion were no longer evident and the majority of the southeast, east and northeast portions of the Phase One Property appeared to be utilized as a waste disposal site (PCA/APEC for the Phase One Property). In 1948, the waste disposal site was no longer evident on-Site, a residential dwelling was evident on the southeast portion a single-storey 'workshop' building was evident on the east-central portion of the Phase One Property, and two residential dwellings of similar in size and configuration to present-day Site Buildings B and C were evident on-Site. The original portion of Site Building A was constructed in 1952 and was occupied by a commercial auto body shop, then an automotive repair/servicing operation until early 2020. Additions to Site Building A were



constructed in various phases throughout the 1950s, 1960s and 1970, most notably the south portion of Site Building A which was constructed in 1968 and has always been utilized as an automotive repair/servicing operation. An RFO was present on the northeast portion of the Phase One Property from at least 1965 until it was decommissioned in 2002/2003.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is prior to 1922, with the construction of three residential dwellings and one detached residential-style garage building on the west portion, a commercial building (used by an office supply company in 1922) and an associated warehouse building utilized for paper storage on the west-central and north portions, and two residential dwellings located on the southeast portion. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs, previous reports, FIPs, a city directory search and a chain of title search, which was completed for the property to its earliest time of ownership and possible development. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

Based on the findings of this Phase One ESA, Pinchin identified 14 PCAs at the Phase One Property (i.e., on-Site) and 17 PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site). Of the off-Site PCAs, 14 are not considered to result in APECs at the Phase One Property given their distance from the Phase One Property, the calculated groundwater flow direction, the nature of operations, the results of previous subsurface environmental work completed at the Phase One Property and/or the observations made during Pinchin's Site reconnaissance. The remaining three off-Site PCAs and the 14 on-Site PCAs result in a total of 17 APECs at the Phase One Property. It is Pinchin's opinion that these 17 PCAs may have caused contamination of soil and groundwater at the Phase One Property and, as such, the identified APECs at the Phase One Property warrant further investigation prior to the submission of an RSC.

All APECs identified during the Phase One ESA, as well as their respective PCAs, contaminants of potential concern (COPCs) and the media which could potentially be impacted, are summarized in Table 2.

The COPCs associated with each APEC were determined based on several sources of information including, but not limited to, Pinchin's experience with environmental contamination and hazardous substances, common industry standards for analysis of such contaminants and point sources, literature reviews of COPCs and associated hazardous substances, and evaluations of contaminant mobility and susceptibility for migration in the subsurface.

Pinchin recommends that a Phase Two ESA, defined as an "assessment of property conducted in accordance with the regulations by or under the supervision of a qualified person to determine the location and concentration of one or more contaminants in the land or water on, in or under the property",



be conducted at the Phase One Property. Pinchin concludes that one or more contaminants originating from PCAs located on the Phase One Property and within the Phase One Study Area outside of the Phase One Property may have affected land or water on, in, or under the Phase One Property. Therefore, Pinchin recommends that a Phase Two ESA be conducted prior to filing an RSC for the Phase One Property.

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 a response from the Ministry of the Environment, Conservation and Parks regarding Pinchin's Freedom of Information request. Once a response from this regulatory body is received, the information will be incorporated into a revised version of this report. 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 312/17 on July 28, 2017 (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 as a condition for the future redevelopment of the Phase One Property. It is Pinchin's understanding that the Phase One Property will be redeveloped from its current commercial land use to a residential land use. Given that this constitutes a change to a more sensitive land use, the filing of a Record of Site Condition (RSC) for the Phase One Property with the Ontario Ministry of the Environment, Conservation and Parks (MECP) is a mandatory requirement of O. Reg. 153/04. As such, this Phase One ESA report has been prepared in accordance with O. Reg. 153/04 to support the filing of an RSC for the Phase One Property.



A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment was from January 2020 to February 2020, which included the records review, Site reconnaissance, interviews and reporting.

2.1 Phase One Property Information

The Phase One Property consists of four legal lots, situated at civic addresses 320 McRae Avenue, 1976 Scott Street, and 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario, which is currently owned by the Client. The Phase One Property is located on the southwest corner of the intersection between McRae Avenue and Scott Street, as shown on Figure 1 (all Figures are provided in Appendix B). A plan showing the Phase One Property is provided as Figure 2, and the Phase One Study Area for which this Phase One ESA applies to is outlined on Figure 3. Photographs of the Phase One Property and surrounding properties are presented in Appendix C. A current legal survey of the Phase One Property is included in Appendix D.

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

Detail	Source / Reference	Information
Legal Description	http://maps.ottawa.ca/geottawa/ City of Ottawa	Plan 263, Lots 12-19, Lot 23 Tweedsmuir Ave E, Lots 24 and 25, City of Ottawa
Municipal Address	http://maps.ottawa.ca/geottawa/ City of Ottawa, Client	320 McRae Avenue, 1976 Scott Street, and 311 and 315 Tweedsmuir Avenue Ottawa, Ontario K1Z 5R8
Parcel Identification Numbers (PINs)	http://maps.ottawa.ca/geottawa/ City of Ottawa	040210013, 040210014, 040210015, 040210021, 040210022, 040210023, 040210024, 040210025, 040210026
Current Owner	Client	The Great-West Life Assurance Company
Owner Contact Information	Authorization to Proceed, Limitation of Liability & Terms of Engagement Form	Mr. Andrew Hanna c/o The Great-West Life Assurance Company 33 Yonge Street, Suite 1000 Toronto, ON M5E 1G4 Phone: 416-507-2809 andrew.hanna@gwlra.com
Current Occupants	Site Representative, observations during Pinchin's Site reconnaissance	Gifford Automotive (automotive repair/servicing facility)
Client	Authorization to Proceed, Limitation of Liability & Terms of Engagement Form	The Great-West Life Assurance Company



Detail	Source / Reference	Information
Client Contact Information	Authorization to Proceed, Limitation of Liability & Terms of Engagement Form	Mr. Andrew Hanna c/o The Great-West Life Assurance Company 33 Yonge Street, Suite 1000 Toronto, ON M5E 1G4 Phone: 416-507-2809 andrew.hanna@gwlra.com
Site Area	http://maps.ottawa.ca/geottawa/ City of Ottawa	0.52 hectares (1.29 acres)
Current Zoning	http://maps.ottawa.ca/geottawa/ City of Ottawa	Various (TM – Traditional Mainstreet, O1 – Parks and Open Space, and GM – General Mixed-Use)

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, Fire Insurance Plans (FIPs), Property Underwriters' Reports (PURs), Property Underwriters' Plans (PUPs), chain of title search results, historical environmental assessments relevant to the Phase One Property and a regulatory data base 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 MECP's Freedom of Information and Protection of Privacy Office and the Technical Standards and Safety Authority (TSSA);
- Interviews: Pinchin conducted interviews with a Site Representative (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 summarized in Table 2 and their locations are shown on Figure 4 (on-Site PCAs) and Figure 5 (off-Site PCAs). APECs at the Phase One Property are illustrated on Figure 6.

Each on-Site PCA is associated with an APEC at the Phase One Property. Each off-Site PCA was characterized as to whether it resulted in an APEC at the Phase One Property. In making this determination, the proximity, location relative to the inferred groundwater flow direction and nature of operations and potential contaminants were considered. In general, PCAs that were relatively close to the Phase One Property and/or were at properties upgradient of the Phase One Property with respect to the inferred groundwater flow direction were considered PCAs resulting in APECs. Conversely, PCAs that were distant from the Phase One Property and/or were at properties downgradient or transgradient of the Phase One Property with respect to the inferred groundwater flow direction were not considered PCAs resulting in APECs. The type of operations and potential contaminants associated with the PCAs were also evaluated. Factors such as whether the PCA had a high probability of contamination (e.g., dry cleaners, RFOs, automotive service garages, etc.) and mobility of the potential contaminants in the subsurface were considered during the evaluation.

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 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.

The current and past land uses of the Phase One Property are listed in Table 1. The Chain of Title search indicated that the Phase One Property was first transferred from crown land in 1803 (320 McRae Avenue) and was owned by various single residents from 1803 until the recent purchase by the Client, with the exception of a brief ownership by the Corporation of the Township of Nepean from 1932 until 1939 (due to a default in taxes by the owner at the time). To the best of Pinchin's knowledge, the Phase One Property was developed prior to 1922 with three residential dwellings and one detached residential-style garage building on the west portion, a commercial building (used by an office supply company in 1922) and an associated warehouse building utilized for paper storage on the west-central and north portions, and two residential dwellings located on the southeast portion. In 1928, The two residential dwellings located on the southeast portion were no longer evident and the majority of the southeast, east and northeast portions of the Phase One Property appeared to be utilized as a waste disposal site. In 1948, the waste disposal site was no longer evident on-Site, a residential dwelling was evident on the southeast portion a single-storey 'workshop' building was evident on the east-central portion of the Phase One Property, and two residential dwellings of similar in size and configuration to present-day Site Buildings B and C were evident on-Site. The original portion of Site Building A was constructed in 1952 and was occupied by a commercial auto body shop, then an automotive repair/servicing operation until early 2020. Additions to Site Building A were constructed in various phases throughout the 1950s, 1960s and 1970, most notably the south portion of Site Building A which was constructed in 1968 and has always been utilized as an automotive repair/servicing operation. An RFO was present on the northeast portion of the Phase One Property from at least 1965 until it was decommissioned in 2002/2003.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is prior to 1922, with the construction of three residential dwellings and one detached residential-style garage building on the west portion, a commercial building (used by an office supply company in 1922) and an associated warehouse building utilized for paper storage on the west-central and north portions, and two residential dwellings located on the southeast portion. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs, previous reports, FIPs, a city directory search and a chain of title search, which was completed for the property to its earliest time of ownership and possible development. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.



4.1.3 Fire Insurance Plans

Pinchin contacted Opta Information Intelligence (Opta) to obtain copies of FIPs related to the Phase One Property and the Phase One Study Area. Opta provided Pinchin with copies of the following:

- FIPs dated 1922, 1948 and 1957 for the area including the Phase One Property.

The Opta response and copies of the FIPs are provided in Appendix E.

The following general information, including details regarding the Phase One Property, was noted in the 1922, 1948 and 1957 FIPs:

1922

- The FIP covers the Phase One Property and the adjacent and surrounding properties located within 60 m north of the Phase One Property and 200 m south, east and west of the Phase One Property;
- The Phase One Property possessed the municipal addresses of 300-330 Xavier Avenue (now referred to as McRae Avenue) and 56-59 Francis Avenue (now referred to as Tweedsmuir Avenue). The properties located at 300-330 Xavier Avenue were developed with three residential dwellings and one detached residential-style garage building, and the properties located at 56-59 Francis Avenue were developed with two residential dwellings, and a commercial building (i.e., an 'office supply company') and associated warehouse building utilized for paper storage;
- The adjacent and surrounding properties within the Phase One Study Area consisted of residential and commercial land uses;
- No operations or items of potential environmental concern were identified within the Phase One Study Area, with the exception of the following:
 - A railway line was evident approximately 40 m northwest of the Phase One Property.

1948

- The FIP covers the Phase One Property and the adjacent and surrounding properties within the Phase One Study Area;
- The Phase One Property possessed the municipal addresses of 336 McRae Avenue (which was developed with a residential dwelling), 266 Pacific Street (now referred to as Scott Street, which was developed with a single-storey 'workshop' building), and 305-315 Tweedsmuir Avenue (which were developed with three residential dwellings with

associated detached residential-style garage buildings. It should be noted that the residential dwellings located at 311 and 315 Tweedsmuir Avenue appeared similar in size and configuration to present-day Site Buildings B and C;

- The adjacent and surrounding properties within the Phase One Study Area consisted of residential, commercial and light industrial land uses;
- No operations or items of potential environmental concern were identified within the Phase One Study Area, with the exception of the following:
 - A railway line was evident approximately 40 m northwest of the Phase One Property;
 - A rail yard was evident approximately 70 m north-northeast of the Phase One Property;
 - A fuel underground storage tank (UST) was located within the above-noted rail yard, approximately 125 m northeast of the Phase One Property;
 - A fuel UST was evident approximately 20 m south of the Phase One Property, at a residential property;
 - An RFO, equipped with two USTs, was located approximately 120 m south of the Phase One Property at 225 Richmond Road; and
 - An RFO, equipped with one UST, was located approximately 145 m southeast of the Phase One Property at 255 Richmond Road.

1957

- Similar to 1948, with the exception of the following:
 - The residential dwelling located on-Site at 336 McRae Avenue was no longer evident, and a building of similar size and configuration to the original portion of Site Building A was evident on-Site. This building was occupied by a commercial auto body shop (i.e., Willy's Body Shop);
 - The properties located northwest, west and southwest of the Phase One Property are not evident on the 1957 FIP;
 - The RFO located at 225 Richmond Road was equipped with four USTs, and an automotive repair/servicing operation was also associated with the RFO;
 - Crain Printers, large-scale printing operation, was evident at 190 Richmond Road, approximately 210 m southeast of the Phase One Property; and



- The UST within the rail yard northeast of the Phase One Property was no longer evident.

Based on Pinchin's review of the information provided in the 1922, 1948 and 1957 FIPs, the following is noted:

- The following PCAs were identified at the Phase One Property that result in APECs:
 - Item 10 – Commercial Auto Body Shops: In the 1957 FIP, a building of similar size and configuration to the original portion of Site Building A was evident on-Site and was occupied by a commercial auto body shop (i.e., Willy's Body Shop).
- The following PCAs located within the Phase One Study Area outside of the Phase One Property were identified that are considered to result in APECs at the Phase One Property:
 - Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: A fuel UST was evident approximately 20 m south of the Phase One Property, at a residential property.
- The following PCAs located within the Phase One Study Area outside of the Phase One Property were identified but are not considered to result in APECs at the Phase One Property:
 - Item 46 – Rail Yards, Tracks and Spurs: A railway line was evident approximately 40 m northwest of the Phase One Property in the 1922, 1948 and 1957 FIPs;
 - Item 46 – Rail Yards, Tracks and Spurs: a rail yard was evident approximately 70 m north-northeast of the Phase One Property;
 - An RFO, equipped with two USTs, was located approximately 120 m south of the Phase One Property at 225 Richmond Road;
 - Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: A fuel UST was located within the above-noted rail yard, approximately 125 m northeast of the Phase One Property;
 - Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: An RFO, equipped with one UST, was located approximately 145 m southeast of the Phase One Property at 255 Richmond Road; and
 - Item 31 – Ink Manufacturing, Processing and Bulk Storage: Crain Printers, a large-scale printing operation, was evident at 190 Richmond Road, approximately 210 m southeast of the Phase One Property.



4.1.4 Chain of Title

Pinchin retained ERIS to complete a chain of title search for the Phase One Property. The chain of title search was completed from the earliest record of land ownership for the Phase One Property (i.e., patent) to the present to determine if ownership information would infer any PCAs at the Phase One Property that should be evaluated.

The chain of title search results have been incorporated into Table 1, which summarizes the current and past land uses of the Phase One Property. Based on Pinchin's review of the chain of title search, nothing was identified with respect to the previous or current ownership that is considered a PCA at the Phase One Property.

The chain of title search results are provided in Appendix F. No chain of title search was conducted for the other properties located within the Phase One Study Area.

4.1.5 Environmental Reports

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

- Report entitled "*Phase I-II Environmental Site Assessment, 319 & 320 McRae Avenue, Ottawa, Ontario*" prepared by Paterson Group Inc. (Paterson) for 914168 Ontario Limited, and dated November 19, 2008 (the 2008 Paterson Phase I-II ESA Report);
- Report entitled "*Phase I Environmental Site Assessment, Commercial and Residential Properties, 320 McRae Avenue, 1976 Scott Street and 311 Tweedsmuir Avenue, Ottawa, Ontario*" prepared by Paterson for the Estate of Carson Unsworth c/o FoTenn Planning and Urban Design, and dated November 3, 2014 (the 2014 Paterson Phase I ESA Report);
- Report entitled "*Phase I – Environmental Site Assessment, Commercial and Residential Properties, 320 McRae Avenue, 1976 Scott Street, 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario*", prepared by Paterson for The Estate of Carson Unsworth, and dated January 28, 2016 (the 2016 Paterson Phase I ESA Report);
- Report entitled "*Phase II – Environmental Site Assessment, Commercial and Residential Properties, 320 McRae Avenue, 1976 Scott Street, 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario*", prepared by Paterson for The Estate of Carson Unsworth, and dated January 28, 2016 (the 2016 Paterson Phase II ESA Report);



- Report entitled “*Phase II – Environmental Site Assessment, Commercial and Residential Properties, 320 McRae Avenue, 1976 Scott Street, 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario*”, prepared by Paterson Group Inc. for The Estate of Carson Unsworth, and dated April 21, 2017 (the 2017 Paterson Phase II ESA Report);
- Report entitled “*FINAL Phase I Environmental Site Assessment, 320 McRae Avenue, 1976 Scott Street and 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario*”, prepared by Pinchin for the Client, and dated November 14, 2018 (the 2018 Pinchin Phase I ESA Report); and
- Report entitled “*FINAL Phase II Environmental Site Assessment, 320 McRae Avenue, 1976 Scott Street, 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario*”, prepared by Pinchin for the Client, and dated November 29, 2018 (the 2018 Pinchin Phase II ESA Report).

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 future 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 7: Generic Site Condition Standards for Shallow Soils in a Non-Potable Groundwater Condition (Table 7 Standards)* for residential property use (i.e., the proposed future use of the Phase One Property) and coarse-textured soils.

As such, the analytical data provided in the previous reports were compared with the *Table 7 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 7 Standards*.

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

2008 Paterson Phase I-II ESA Report

The Phase I ESA portion of the 2008 Paterson Phase I-II ESA Report presented the findings in general accordance with the CSA document entitled “*Phase I Environmental Site Assessment*” (CSA Document Z768-01), dated November 2001 (and amended in 2016), including a review of readily available historical records and reasonably ascertainable regulatory information, a Site reconnaissance, interviews, a review of previous environmental reports, an evaluation of information and reporting. In addition, the 2008



Paterson Phase I-II ESA Report reviewed a decommissioning report for the former on-Site RFO that was prepared by SEACOR Environmental Inc. (SEACOR) in 2003 (which was not provided for Pinchin's review).

The results of the Phase I ESA portion of the 2008 Paterson Phase I-II ESA Report indicated that the following environmental concerns were present for the Phase One Property:

- Former operations at the Site included a body shop, automotive repair/servicing facilities and an RFO. In addition, an abandoned in-ground hydraulic hoist was observed within one of the automotive repair/servicing facilities within Site Building A (unit not specified).

Based on the above-noted findings, a Phase II ESA was completed by Paterson.

The Phase II ESA portion of the 2008 Paterson Phase I-II ESA Report consisted of the advancement of eight boreholes at the Phase One Property, two of which were instrumented with groundwater monitoring wells, in order to address the above-noted environmental concerns identified within the Phase I ESA portion. The boreholes were completed to depths ranging from 1.0-7.9 m below ground surface (mbgs), and petroleum hydrocarbon (PHC) contamination was observed within BH1. A total of 22 soil samples and 24 rock core samples were collected, of which two soil samples were submitted for laboratory analysis of PHCs, benzene, toluene, ethylbenzene and xylenes (BTEX), volatile organic compounds (VOCs) and/or metals. In addition, two groundwater samples were collected and submitted for laboratory analysis of PHCs, BTEX, VOCs and/or metals. The analytical results were compared to the then-applicable Table 1 (full depth background Site condition standards) Standards, as outlined in the document entitled "*Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*", Ontario Ministry of the Environment (MOE), and dated March 9, 2004 (the 2004 Table 1 Standards). Exceedances in PHCs were found in both soil samples, and exceedances in various metal parameters were found in soil on the west portion of the Site (BH8). Paterson noted that the exceedances were also present when compared to Table 3 (industrial/commercial/community land use in a non-potable groundwater condition) within these standards (2004 Table 3 Standards). The groundwater sample collected within the former RFO area had a sheen and strong PHC odour and as such, was not submitted for analysis (assumed to exceed the applicable standards). The groundwater sample collected within Site Building A near the in-ground hydraulic hoist exceeded the 2004 Table 1 Standards for PHCs and BTEX.

Based on the above-noted findings, Paterson recommended that supplemental subsurface work be completed at the Phase One Property in order to delineate the extent of the soil and groundwater impacts identified within the 2008 Paterson Phase I-II ESA Report.



2014 and 2016 Paterson Phase I ESA Reports

The 2014 and 2016 Paterson Phase I ESA Reports presented the findings in general accordance with the CSA document entitled "*Phase I Environmental Site Assessment*" (CSA Document Z768-01), dated November 2001 (and amended in 2016), including a review of readily available historical records and reasonably ascertainable regulatory information, a Site reconnaissance, interviews, a review of previous environmental reports, an evaluation of information and reporting. In addition, the 2014 and 2016 Paterson Phase I ESA Reports reviewed the above-noted reports identified within the 2008 Paterson Phase I-II ESA Report.

The 2014 and 2016 Paterson Phase I ESA Reports maintained the opinion that supplemental subsurface work should be completed at the Phase One Property in order to delineate the extent of the soil and groundwater impacts previously identified at the Site. In addition, Paterson recommended that the automotive-related tenants within Site Building A utilize better management practices in order to prevent the potential for further subsurface impacts at the Phase One Property.

2016 and 2017 Paterson Phase II ESA Reports

The 2016 and 2017 Paterson Phase II ESA Reports were completed at the Phase One Property in order to further investigate and delineate the soil and groundwater impacts that were previously identified by Paterson at the Phase One Property.

The 2016 and 2017 Paterson Phase II ESA Reports included the advancement of a total of 11 additional boreholes at the Phase One Property, five of which were completed as groundwater monitoring wells. A total of nine soil samples and nine groundwater samples (from existing and new groundwater monitoring wells) were collected and submitted for laboratory analysis of PHCs, BTEX, VOCs, polycyclic aromatic hydrocarbons (PAHs) and/or metals. The 2016 and 2017 Paterson Phase II ESA Reports identified the presence of soil impacted by PHCs, metals and arsenic beneath and in the vicinity of Site Building A. In addition, groundwater impacted with PHCs and BTEX were identified north of Site Building A (in the former RFO area).

Paterson indicated that impacted soil could be removed from the Phase One Property during redevelopment activities, and that if any soil were to remain on-Site during redevelopment activities, a confirmatory soil sampling program would be recommended to confirm that the soil complies with the *Table 7 Standards*. In addition, Paterson recommended multiple remedial options to treat impacted groundwater during Site redevelopment (i.e., removal, pump and treat, etc.).



2018 Pinchin Phase I ESA Report

The 2018 Pinchin Phase I ESA Report presented the findings in general accordance with the CSA document entitled "*Phase I Environmental Site Assessment*" (CSA Document Z768-01), dated November 2001 (and amended in 2016), including a review of readily available historical records and reasonably ascertainable regulatory information, a Site reconnaissance, interviews, a review of previous environmental reports, an evaluation of information and reporting. In addition, the 2018 Pinchin Phase I ESA Report reviewed the above-noted environmental reports previously prepared for the Phase One Property.

Based on the results of the Phase I ESA completed by Pinchin, the following has resulted in actual (and could result in potential) subsurface impacts at the Phase One Property:

- An RFO was present on the north portion of the Site from at least 1965 until 2002. The RFO was reportedly decommissioned by SEACOR Environmental Inc. in 2002/2003; however, previous subsurface environmental work completed at the Site identified the presence of PHC-impacted soil and groundwater on the north portion of the Site;
- Automotive repair/servicing operations have been present within the on-Site multi-tenant commercial building since at least 1954. Two oil/water separators are inferred to be present within this building and are inferred to have been present for at least 40 years. In addition, an area of depressed concrete, indicative of a potential UST, was evident adjacent to the south elevation of Site Building A. Previous subsurface investigations completed at the Site identified the presence of soil impacted by PHCs, metals and arsenic beneath and in the vicinity of Site Building A. In addition, groundwater impacted with PHCs and benzene, toluene, ethylbenzene and xylenes were identified north of Site Building A;
- Based on Pinchin's review of a 1928 aerial photograph covering the Site and surrounding area, the Phase One Property consisted of various fill piles and appeared to be utilized as a waste disposal site. In addition, previous subsurface investigations completed at the Phase One Property identified the presence of fill material with elevated concentrations of metals, arsenic and polycyclic aromatic hydrocarbons located throughout the Phase One Property;
- Based on Pinchin's review of aerial photographs for the Site and surrounding area, surrounding properties located approximately 15 m east-northeast of the Phase One Property appeared to have been utilized for industrial operations with exterior storage areas from approximately 1958 until 1976. In addition, one of these surrounding properties was occupied by Gervais Motors Ltd., an automotive repair/servicing



operation, from at least 1984 until 1998. Furthermore, an RSC was filed for these properties, which included remedial work within 3 m of the property boundaries. Based on the above-noted information and close proximity of these properties to the Phase One Property, it was Pinchin's opinion that these properties could result in potential subsurface impacts at the Phase One Property; and

- The 1948 Fire Insurance Plan reviewed by Pinchin indicated that a UST was located approximately 20 m south of the Phase One Property. Based on the close proximity of this UST to the Site, it was Pinchin's opinion that this UST could result in potential subsurface impacts at the Phase One Property.

Based on the findings noted above, Pinchin recommended completing a Phase II ESA at the Phase One Property.

2018 Pinchin Phase II ESA Report

The Phase II ESA was completed at the Phase One Property by Pinchin between November 1, 2018 and November 14, 2018 and consisted of the advancement of 11 boreholes, five of which were completed as groundwater monitoring wells into the shallow bedrock stratigraphy encountered at the Phase One Property. In addition, Pinchin sampled existing groundwater monitoring wells (EXMW-1, EXMW-2, EXMW-3, EXMW-4, and EXMW-5) at the Phase One Property.

Select "worst case" soil samples collected during the borehole drilling program were submitted for laboratory analysis of a combination of PHCs (F1-F4), VOCs, PAHs and metals. Groundwater samples collected from the newly installed monitoring wells, as well as existing monitoring wells (EXMW-1, EXMW-2, EXMW-3, EXMW-4, and EXMW-5) and were submitted for laboratory analysis of a combination of PHCs (F1-F4), VOCs, PAHs and metals.

Based on Site-specific information, the soil and groundwater quality was assessed based on the *Table 7 Standards*.

Reported concentrations in the soil samples submitted for analysis of PHCs (F1-F4), VOCs, PAHs and metals satisfied the *Table 7 Standards*, with the following exceptions:

- Soil sample SS-1 collected at borehole BH-7, which had concentrations of PHCs (F3) that exceeded the *Table 7 Standards*;
- Soil sample SS-1 collected at borehole BH-11, which had concentrations of PHCs (F3) and F4 Gravimetric that exceeded the *Table 7 Standards*;



- Soil sample SS-2 collected at borehole MW-4, which had concentrations of metals including antimony, arsenic, barium, boron, cadmium, lead, copper, mercury and zinc that exceeded the *Table 7 Standards*;
- Soil sample SS-1 collected at borehole BH-7, which had concentrations of boron and lead that exceeded the *Table 7 Standards*;
- Soil sample SS-1 collected at borehole BH-8, which had concentrations of metals including boron, cadmium, lead, mercury and zinc that exceeded the *Table 7 Standards*; and
- Soil sample SS-1 collected at borehole BH-10, which had a concentration of lead that exceeded the *Table 7 Standards*.

Reported concentrations in groundwater samples submitted for analysis of PHCs (F1-F4), VOCs, PAHs and metals satisfied the *Table 7 Standards*, with the exception of groundwater sample MW-1, which exceeded the *Table 7 Standards* for PHCs (F1 and F2), benzene, xylene, and naphthalene, and EXMW-1 which exceeded the *Table 7 Standards* for mercury.

Based on the findings of this Phase II ESA, it was Pinchin's opinion that the soil impacts identified at the Phase One Property are potentially representative of the shallow fill material encountered across the Site. Furthermore, the groundwater impacts identified at MW-1 and EXMW-1, located on the north portion of the Phase One Property, are likely a result of the former operation of an RFO on this portion of the Phase One Property. Based on the above-noted findings, it was Pinchin's recommendation that the soil and groundwater impacts identified can be addressed upon redevelopment of the Phase One Property either by excavating the impacted soil or implementing a management plan.

4.1.5.1 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:

- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: An RFO was present on the north portion of the Phase One Property from at least 1965 until 2002. The RFO was reportedly decommissioned by SEACOR Environmental Inc. in 2002/2003; however, previous subsurface environmental work completed at the Site identified the presence of PHC-impacted soil and groundwater on the north portion of the Site;



- Item 27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles: An automotive repair/servicing operation was present within the north tenant space in Site Building A from approximately 1952 until early 2020. In addition, previous subsurface investigations completed at the Phase One Property identified the presence of soil impacted by PHCs, metals and arsenic beneath and in the vicinity of Site Building A. In addition, groundwater impacted with PHCs and benzene, toluene, ethylbenzene and xylenes were identified north of Site Building A;
- Item 27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles: An automotive repair/servicing operation has been present within the south portion of Site Building A since approximately 1968. In addition, previous subsurface investigations completed at the Phase One Property identified the presence of soil impacted by PHCs, metals and arsenic beneath and in the vicinity of Site Building A. In addition, groundwater impacted with PHCs and benzene, toluene, ethylbenzene and xylenes were identified north of Site Building A;
- Item 49 – Salvage Yard, including automobile wrecking: Auto Re-Bex, the automotive repair/servicing operation within the north portion of the Site Building, was also registered as an auto wrecking facility;
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: Formerly two 1,100-L single-walled steel ASTs containing new oil that were located within the north tenant space in Site Building A in 2018;
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: One 1,008-L single-walled steel AST containing new oil that is located within the south tenant space in Site Building A, and was also observed to be present in this area in 2018;
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: One 910-L single-walled steel AST containing waste oil that is located within the north tenant space in Site Building A, and was also observed to be present in this area in 2018;
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: One 910-L single-walled steel AST containing waste oil that is located within the south tenant space in Site Building A, and was also observed to be present in this area in 2018;
- Item 10 – Commercial Auto Body Shops: The north portion of Site Building A was formerly occupied by a commercial auto body shop (i.e., Willy's Body Shop);
- Item Other - Oil/water separator that has been present within the north tenant space in Site Building A for at least 40 years (i.e., within the former Auto Re-Bex space);



- Item Other - Oil/water separator that has been present within the south tenant space in Site Building A for at least 40 years (i.e., within Gifford's Automotive);
- Item Other - An area of depressed concrete, indicative of a potential UST, was evident adjacent to the south elevation of Site Building A in 2018;
- Item Other - An area of waste liquid chemical storage (i.e., waste antifreeze and other unknown automotive fluids) was observed adjacent to the southwest corner of Site Building in 2018 and 2020;
- Item 58 – Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners: Former landfilling/waste disposal observed to be present on-Site in a 1928 aerial photograph. In addition, as noted within the 2018 Pinchin Phase II ESA Report, various shallow soil impacts (various metal parameters) are located throughout the Phase One Property and are likely associated with former on-Site landfilling activities;
- Item 10 – Commercial Auto Body Shops: The 1984 PUP indicated that an auto body shop was located approximately 25 m east of the Phase One Property;
- Item Other - Surrounding properties located approximately 15 m east-northeast of the Phase One Property appeared to have been utilized for industrial operations with exterior storage areas from approximately 1958 until 1976. In addition, an RSC was filed for these properties (i.e., 319 McRae Avenue and 1960 Scott Street), which included remedial work within 3 m of the property boundaries and the removal of 4,420 m³ of impacted soil in August 2018 from 1960 Scott Street;
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: a UST was evident approximately 20 m south of the Phase One Property in the 1948 FIP. This property is situated hydraulically upgradient in relation to the calculated groundwater flow direction from the Phase One Property; and
- Item 27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles: Otto's Subaru or Otto's Service Centre Ltd., an automotive repair/servicing operation, was located approximately 75 m south-southeast of the Phase One Property since the late 1980s and this property is situated hydraulically upgradient in relation to the calculated groundwater flow direction from the Phase One Property.



The following additional PCAs were identified in the reviewed reports within the Phase One Study Area but are not considered to result in APECs at the Phase One Property:

- Item Other - Spill of hydraulic oil (approximately 375-L) to gravel at construction Site at 319 McRae Ave, a surrounding property located approximately 15 m east of the Phase One Property and situated hydraulically transgradient in relation to the calculated groundwater flow direction from the Phase One Property;
- Item 27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles: Gervais Motors Ltd., an automotive repair/servicing operation, that was located at 1960 Scott Street from 1984 until 1998. This property is located approximately 15 m east-northeast of the Phase One Property and situated hydraulically transgradient in relation to the calculated groundwater flow direction from the Phase One Property;
- Item 46 – Rail Yards, Tracks and Spurs: a railway line was evident approximately 40 m northwest of the Phase One Property from at least 1922 until 1984, and a rail yard was evident approximately 70 m north-northeast of the Phase One Property from at least 1922 until 1965;
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: UST observed in above-noted railyard (approximately 125 m northeast of the Phase One Property) in 1948;
- Item Other - Spill of furnace oil (a “small leak”) at private residence at 325 Tweedsmuir Avenue, an adjacent property located west of the Phase One Property and situated hydraulically transgradient in relation to the calculated groundwater flow direction from the Phase One Property;
- Item Other – Leak of heating oil from a UST (approximately 50-L) at 359 McRae Avenue, a surrounding property located approximately 35 m southeast of the Phase One Property and situated hydraulically transgradient in relation to the calculated groundwater flow direction from the Phase One Property. The record indicated that the heating oil was likely contained within the clay soils surrounding the UST and no groundwater impacts were anticipated;
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: RFO located at 225 Richmond Road, approximately 120 m south of the Phase One Property, from at least 1956 until 1976;



- Item 27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles: Automotive repair/servicing operation located at 225 Richmond Road, approximately 120 m south of the Phase One Property, from at least 1948 until 1956;
- Item 31 – Ink Manufacturing, Processing and Bulk Storage: Crain Printers, a large-scale printing operation, was located at 190 Richmond Road, approximately 210 m southeast of the Phase One Property, from 1940s until 1988;
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: RFO located at 236 Richmond Road, approximately 170 m south of the Phase One Property, from at least 1995 until 2001;
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: RFO located at 255 Richmond Road, approximately 145 m southeast of the Phase One Property, in 1948;
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: RFO located at 256 Richmond Road, approximately 195 m south of the Phase One Property, from at least 1974 until 2009; and
- Item 55 – Transformer Manufacturing, Processing and Use: Various pole and pad-mounted oil-cooled transformers observed within Phase One Property Area.

Based on Pinchin's review of the available documents, the analytical data indicated that concentrations of PHCs (F1-F4) and/or select metals were detected in soil and/or groundwater at concentrations above the applicable *Table 7 Standards* and should be considered as contaminants of potential concern 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 G 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 Property. A total of 14 records were identified for other properties located within the Phase One Study Area. None of the records pertained to releases to soil and water and, as such, it is Pinchin's opinion that the potential for the documented releases to be an environmental concern for the Phase One Property is considered low and are not PCAs for the purpose of this Phase One ESA.

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 Cs-of-A for the Phase One Property and one C-of-A for a property located adjacent to the Phase One Property (i.e., Tweedsmuir Avenue and Scott Street). The C-of-A was for municipal and private sewage works, and was related to the construction of storm and sanitary sewers on Tweedsmuir Avenue and Scott Street. As such the C-of-A was not for discharge to groundwater, which is considered the primary pathway of concern for contaminant impacts on the Phase One Property. As such, Pinchin does not consider the activities related to this C-of-A at the Phase One Property to represent a PCA.

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 G.

The ERIS search of the ECA database identified no ECAs for the Phase One Property and 13 ECAs for properties adjacent to the Phase One Property. All of these ECAs were for air emissions, sewage works and municipal water works and no ECAs were identified for discharge to groundwater, which is considered the primary pathway of concern for contaminant impacts on the Phase One Property. As such, Pinchin does not consider the activities related to ECAs at the Phase One Property and properties adjacent to the Phase One Property to represent PCAs.

The ERIS search of the PTTW database identified no information regarding PTTWs for the Phase One Property and properties adjacent to the Phase One Property.

The ERIS search of the CPU database identified no information regarding CPUs for the Phase One Property and 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 G.

The ERIS database search of records of environmental incidents, orders, offences or spills revealed the following for the Phase One Property and properties adjacent to the Phase One Property:

- No records were found of environmental incidents, orders, offences or spills for the Phase One Property, with the exception of the following:
 - The Ontario Spills database indicated that on November 5, 1998, approximately 20-L of diesel was spilled onto the asphalt-paved surface at the RFO located at 320 McRae Avenue (i.e., on the northeast portion of the Phase One Property). The ERIS report indicated that an environmental impact was not anticipated as a result of the spill.

The above-noted on-Site spill is a PCA that result in an APEC at the Phase One Property.

- No records were found of environmental incidents, orders, offences or spills for properties within 50 m of the Phase One Property, except for the following:
 - The Ontario Spills database indicated that on April 6, 2001, a spill of furnace oil (a “small leak”) occurred at a private residence at 325 Tweedsmuir Avenue. This property is located adjacent to the west elevation of the Phase One Property and situated hydraulically transgradient in relation to the calculated groundwater flow direction from the Phase One Property. Based on the minor nature of the spill and the fact that no groundwater impacts were confirmed as a result of the spill, it is Pinchin’s opinion that this PCA does not represent an APEC for the Phase One Property;



- The Ontario Spills database indicated that on July 16, 2015, a spill of hydraulic oil (approximately 375-L) occurred to gravel at a construction site located at 319 McRae Avenue, a surrounding property located approximately 15 m east of the Phase One Property. In addition, this property is situated hydraulically transgradient in relation to the calculated groundwater flow direction from the Phase One Property. Based on the above-noted information, it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property;
- The Ontario Spills database indicated that on October 19, 2007, a leak of heating oil was discovered from a UST (approximately 50-L leaked) at 359 McRae Avenue, a surrounding property located approximately 35 m southeast of the Phase One Property and situated hydraulically transgradient in relation to the calculated groundwater flow direction from the Phase One Property. The record indicated that the heating oil was likely contained within the clay soils surrounding the UST and no groundwater impacts were anticipated. Based on the above-noted information, it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property; and
- Other spill records for adjacent properties were provided in the ERIS report but they have not been considered PCAs given the nature of the material spilled (e.g., natural gas) or that the spill record indicates that impacts to the subsurface were not anticipated.

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 was a registered generator of alkaline heavy metal wastes (1990-1998). This hazardous waste generation was associated with Carson's Body Repairs Ltd., the former auto body shop located in the north portion of Site Building A.

The quantities of these waste streams generated at the Phase One Property are unknown.

Activities associated with the generation and storage of these wastes are PCAs resulting in APECs at the Phase One Property.

One other property located within the Waste Generator Database Review Area was listed within the O. Reg. 347 Waste Generators database search results as a waste generator and is considered a PCA:

- Gervais Motors, an automotive repair/servicing operation that was located at 1960 Scott Street from 1984 until 1998, was registered generator of petroleum distillates (1988-1998).

Based on the location and distance relative to the Phase One Property (i.e., approximately 15 m east-northeast of the Phase One Property and situated hydraulically transgradient in relation to the calculated groundwater flow direction from the Phase One Property), as well as the results of the RSC completed at this property (refer to Section 4.2.1.10), it is Pinchin's opinion that the hazardous waste generation at this property has not resulted in APECs at the Phase One Property.

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 generators within 50 m upgradient 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 the following information regarding the Phase One Property:

- The PRT and EXP databases indicated that an RFO was listed at this address and expired in December 2001. In 1996, this RFO had a fuel capacity of approximately 68,100-L.

Activities associated with the on-Site RFO are a PCA resulting in an APEC at the Phase One Property.

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

- 359 McRae Avenue;
- 236 Richmond Road; and
- 256 Richmond Road.

The 359 McRae Avenue property was listed in the Ontario Spills database, whereby a leak of heating oil was discovered from a UST (approximately 50-L leaked) on October 19, 2007; however, this property is located approximately 35 m southeast of the Phase One Property and situated hydraulically transgradient in relation to the calculated groundwater flow direction from the Phase One Property. In addition, the record indicated that the heating oil was likely contained within the clay soils surrounding the UST and no groundwater impacts were anticipated. Based on the above-noted information, it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property. The 236 and 256 Richmond Road properties are distant from the Phase One Property (i.e., greater than 160 m). As such, Pinchin considers



that the likelihood of potential impacts to the Phase One Property due to storage tanks on these properties is low and these PCAs do not result in APECs at 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 RSC database for filed RSCs.

The ERIS database search of the Environmental Registry and Record of Site Condition database indicated the following for the Phase One Study Area:

- No records were found in the Environmental Registry and RSC database for the Phase One Property;
- No records were found in the Environmental Registry and RSC database for other properties within the Phase One Study Area, except for the following:
 - A total of six database search results comprising two RSCs (one located at 319 McRae Avenue and one located at 1960 Scott Street) and four air emission approvals were identified within the Phase One Study Area. RSCs were filed for 319 McRae Avenue in December 2014 and 1960 Scott Street in August 2018, which included remedial work within 3 m of the property boundaries and the removal of 4,420 m³ of impacted soil in August 2018 from 1960 Scott Street. Based on the above-noted information and close proximity of these properties to the Phase One Property, it is Pinchin's opinion that the above-noted PCA represents an APEC for the Phase One Property. None of the remaining search results were related to potential impacts on groundwater quality, which is considered the primary pathway of concern for contaminant migration to the Phase One Property. As such, there is a low potential for the remaining Environmental Registry and RSC database search results to be indicative of discharges to the environment that represent an environmental concern to the Phase One Property and the likelihood of potential impacts to the Phase One Property is considered low.

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 the ERIS report in Appendix G. 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 G.

The ERIS search of the landfill and waste disposal sites databases found no information regarding the Phase One Study Area.

4.2.1.13 *Other ERIS Databases*

The ERIS database search of the Automobile Wrecking & Supplies (AUWR) database identified the following additional information for the Phase One Property:

- Auto Reb-Ex International Inc., the automotive repair/servicing operation located within the north portion of Site Building A, had been registered within the AUWR database. Based on the fact that this PCA is located on-Site, this PCA represents an APEC for the Phase One Property.

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

The MECP Freedom of Information and Protection of Privacy Office in Toronto, Ontario was 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 January 29, 2020. At the time of writing this report, no response had been received from the MECP. Once a response from this regulatory body is received, the information will be incorporated into a revised version of this report. Our conclusions and recommendations may be amended based on this information.

A copy of the request submitted to the MECP is provided in Appendix H.

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 ASTs and USTs be registered with the TSSA.



Pinchin previously contacted 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. Letter responses were issued by the TSSA on October 30, 2018, indicating that following a search of the TSSA files, no outstanding instructions, incident reports, fuel oil spills or contamination records, or records of registered ASTs or USTs were found for the Phase One Property.

Copies of the TSSA responses are provided in Appendix I.

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 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 1984 and 1994 for Site Building A; and
- PUP dated 1984 for Site Building A.

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

- Site Building A was constructed in various phases throughout the 1950s, 1960s and 1970s;
- Carson's Body Repairs Ltd. was located within Site Building A from at least 1984 until 1994. The operation included auto body work, spray painting within a spray booth, and other repair/servicing activities;
- The 1984 and 1994 PURs indicated non-standard storage of flammable liquids, as well as spray painting activities, within the tenant space. The 1984 PUR indicated that the liquid storage was in "a separate fire resistive building located at the northwest corner, beside the spray painting shop"; and
- Heating was provided by natural gas-fired boilers, natural gas-fired suspended unit heaters and electrically-powered units.



Based on Pinchin's review of the PUP, the following salient information was noted:

- In 1984, the spray painting location associated with Carson's Body Repairs Ltd. was located in the northwest portion of the Site Building, and the liquid storage area (labelled "2" on the PUP), was located adjacent to the spray painting area in the northwest corner of Site Building A;
- The remaining occupants within other tenant spaces within Site Building A were not labelled;
- Site Buildings B and C were both occupied as residential dwellings;
- The adjacent properties located west and south of the Phase One Property consisted of residential and commercial land uses; and
- An auto body shop was located approximately 25 m east of the Phase One Property.

Based on Pinchin's review of the information provided by the PURs and PUPs, the following PCAs were identified that are considered to result in APECs at the Phase One Property:

- Item 10 – Commercial Auto Body Shops: Carson's Body Repairs Ltd. was located within Site Building A from at least 1984 until 1994. The operation included auto body work and spray painting;
- Item Other – The 1984 and 1994 PURs indicated non-standard storage of flammable liquids, as well as spray painting activities, within the tenant space. The 1984 PUR indicated that the liquid storage was in "a separate fire resistive building located at the northwest corner, beside the spray painting shop"; and
- Item 10 – Commercial Auto Body Shops: The 1984 PUP indicated that an auto body shop was located approximately 25 m east of the Phase One Property.

No PCAs were identified that are not considered to result in APECs at the Phase One Property.

4.2.5 *City Directories*

City directories for the years 1939 to 2011 were 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.



Phase One Environmental Site Assessment

320 McRae Avenue, 1976 Scott Street, and 311 and 315 Tweedsmuir Avenue, Ottawa,
Ontario
The Great-West Life Assurance Company

February 13, 2020

Pinchin File: 230236.005

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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
1939-1946.	Site not listed.
1947-1949.	320 McRae Avenue, 1976 Scott Street and 311 Tweedsmuir Avenue: Not listed. 315 Tweedsmuir Avenue: Lytle Harold M.
1954.	320 McRae Avenue: Willy's Body Shop – auto repairs. 1976 Scott Street: Not listed. 311 Tweedsmuir Avenue: Hay William E. 315 Tweedsmuir Avenue: Caswell Sydney, and Howard Stanley.
1959.	320 McRae Avenue: Carson's Body Repairs Ltd. – auto garage. 1976 Scott Street: Shouldice F J Construction Warehouse. 311 Tweedsmuir Avenue: Hay William E. 315 Tweedsmuir Avenue: Caswell Sydney, and Brownlee Ronald.
1964.	320 McRae Avenue: Carson's Body Repairs Ltd. – auto garage. 1976 Scott Street: Barnes Pick Up Service. 311 Tweedsmuir Avenue: Vacant. 315 Tweedsmuir Avenue: Caswell Sydney.
1969.	320 McRae Avenue: Carson's Body Repairs Ltd. – auto garage. 1976 Scott Street: Capital Auto Trim - auto uphol. 311 Tweedsmuir Avenue: Cooney Leo J. 315 Tweedsmuir Avenue: Shouldice J. Mrs., and Wallace Richard.
1974.	320 McRae Avenue: Carson's Body Repairs Ltd. – auto garage. 1976 Scott Street: Carson's Body Shop Gas Bar. 311 Tweedsmuir Avenue: Andre Perron. 315 Tweedsmuir Avenue: Shouldice J. Mrs.
1979.	320 McRae Avenue: Carson's Body Repairs Ltd. – auto garage. 1976 Scott Street: Carson's Body Shop Gas Bar. 311 Tweedsmuir Avenue: Nally Thos. 315 Tweedsmuir Avenue: Shouldice J. Mrs., and Brian Baker.
1984.	320 McRae Avenue: Carson's Body Repairs Ltd. – auto garage. 1976 Scott Street: Carson's Body Shop Gas Bar. 311 Tweedsmuir Avenue: Y. McRae. 315 Tweedsmuir Avenue: Dumolin & Associates.



Year(s)	Occupant Listings for Site Address
1988/1989.	320 McRae Avenue: Carson's Body Repairs Ltd. – auto garage, and Gifford Automotive (at 359 McRae) 1976 Scott Street: J's Gas Bar. 311 Tweedsmuir Avenue: No return. 315 Tweedsmuir Avenue: Dumolin & Associates – concrete repairs.
1995/1996.	320 McRae Avenue: Carson's Body Repairs Ltd. – auto garage, and Gifford Automotive (at 359 McRae) 1976 Scott Street: Not listed. 311 Tweedsmuir Avenue: Brian Hickey. 315 Tweedsmuir Avenue: Geddes R, Zabchuk Steve, and Dujay Donald.
1999/2000.	320 McRae Avenue: Auto Reb-Ex International Inc., McRae Auto & Truck Repair, Carson's Body Repairs Ltd., and Gifford Automotive (at 359 McRae). 1976 Scott Street: Not listed. 311 Tweedsmuir Avenue: Brian Hickey. 315 Tweedsmuir Avenue: C. Lavoie.
2005/2006.	320 McRae Avenue: Westboro Self Storage Ltd., Auto Reb-Ex International Inc., and Gifford Automotive (at 330 McRae). 1976 Scott Street: Esilman Auto Sales, and Ontario Auto Brokers. 311 Tweedsmuir Avenue: Stewart C&R. 315 Tweedsmuir Avenue: S. Tibbs, and S. Taylor.
2011.	320 McRae Avenue: Westboro Self Storage Ltd., Auto Reb-Ex International Inc., and Gifford Automotive (at 330 McRae). 1976 Scott Street: Westboro Motors. 311 Tweedsmuir Avenue: Not listed. 315 Tweedsmuir Avenue: Not listed.

Based on Pinchin's review of the above-noted city directories, the following PCAs were identified at the Phase One Property:

- Item 27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles: Various automotive repair/servicing operations were listed at the Phase One Property (i.e., 320 McRae Avenue) from 1954 until 2011;
- Item 10 – Commercial Auto Body Shops: Willy's Body Shop was listed at the Phase One Property (i.e., 320 McRae Avenue) in 1954; and
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: An RFO was listed at the Phase One Property (i.e., at 1976 Scott Street) from 1974 until 1989.

In general, the city directories indicated that the properties in the City Directory Search Area have been historically occupied by residential, institutional, commercial and light industrial land uses since 1942.



Based on Pinchin's review of the above-noted city directories, no PCAs were identified within the City Directory Search Area that are considered to result in APECs at the Phase One Property.

Additional off-Site PCAs were identified in the city directories at adjacent properties, or within 50 m upgradient or 100 m upgradient of the Phase One Property with respect to the inferred groundwater flow direction, that are not considered to result in APECs at the Phase One Property, and these are summarized in Table 2.

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. A copy of an aerial photograph dated 1984 was obtained from the National Air Photo Library in Ottawa, Ontario and reviewed by Pinchin. In addition, digital aerial photographs dated 1928, 1958, 1965, 1976, 1991, 1999, 2002, 2007 and 2011 were reviewed on the City of Ottawa e-map website (<http://maps.ottawa.ca/geoOttawa/>) by Pinchin. The 1928 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
1928.	The east portion of the Phase One Property appeared to be utilized as a waste disposal site, as piles of fill were observed. The west portion of the Site appeared to consist of vacant undeveloped land.
1958.	Waste disposal activities were no longer evident, the original portion of Site Building A was evident on-Site, and buildings that were similar in size and configuration to present-day Site Buildings B and C were evident on-Site. Two additional residential dwellings were evident on-Site, fronting present-day Scott Street. The remaining portions of the Phase One Property appeared to consist of parking areas and vacant undeveloped land.
1965.	Similar to 1958; however, an addition was evident on-Site Building A, and a commercial/light industrial building (of different size and configuration to any present-day Site Buildings) appeared to have replaced a previously-observed residential dwelling on the northeast portion of the Phase One Property.
1976, 1984, 1991 and 2002.	Three Site Buildings of similar size and configuration to any present-day Site Buildings were evident on-Site, and an RFO was evident on the northeast portion of the Site. Additional previously-observed on-Site buildings were no longer evident.
2007 and 2011.	Similar to 1976, 1984, 1991 and 2002; however, the RFO was no longer evident.

Based on the aerial photographs reviewed for the Phase One Property and the surrounding area, it appears that the Phase One Property was developed between 1928 and 1958.

The aerial photograph review identified the following PCAs on the Phase One Property:

- Item 58 – Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of bio soils as soil conditioners: Former landfilling/waste disposal was observed to be present on-Site in the 1928 aerial photograph. In addition, as noted within the 2018 Pinchin Phase II ESA Report, various shallow soil impacts are located throughout the Phase One Property and are likely associated with former on-Site landfilling activities; and
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks: An RFO was evident on the northeast portion of the Site in the 1976, 1984, 1991 and 2002 aerial photographs. The RFO was reportedly decommissioned by SEACOR Environmental Inc. in 2002/2003; however, previous subsurface environmental work completed at the Site identified the presence of PHC-impacted soil and groundwater on the north portion of the Site.



The aerial photograph review identified the following PCAs within the Phase One Study Area, outside of the Phase One Property, that are considered to result in APECs at the Phase One Property:

- Item Other - Surrounding properties located approximately 15 m east-northeast of the Phase One Property appeared to have been utilized for industrial operations with exterior storage areas from approximately 1958 until 1976. In addition, an RSC was filed for these properties (i.e., 319 McRae Avenue and 1960 Scott Street), which included remedial work within 3 m of the property boundaries and the removal of 4,420 m³ of impacted soil in August 2018 from 1960 Scott Street.

Additional off-Site PCAs were identified in the aerial photographs that are not considered to result in APECs at the Phase One Property, and these are summarized in Table 2.

Copies of the aerial photographs of the Phase One Property and surrounding area are provided in Appendix J.

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 64 m above mean sea level (mamsl). The general topography in the local and surrounding areas is generally flat. 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 environmental investigations, the soil stratigraphy was observed to consist of fill material comprised of sand and gravel to a depth between 0.1-3.2 mbgs. Shallow bedrock was encountered at depths between 0.8 and 3.2 mbgs.

Based on general hydrogeological principles, Pinchin's familiarity with subsurface conditions at and near the Phase One Property and the results of water table measurements as part of previous subsurface investigations at the Phase One Property, the unconfined groundwater beneath the Phase One Property is expected to flow in a northerly direction. No water bodies are located within the Phase One Study Area, and the nearest surface water body is the Ottawa River located approximately 860 m north of the Phase One Property at an elevation of approximately 57 mamsl.

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



4.3.3 *Fill Materials*

No evidence of fill material, disturbed soil or buried debris was observed at the Phase One Property during the Site reconnaissance; however, it should be noted that the ground surface was snow-covered during Pinchin's Site reconnaissance, limiting exterior observations.

As noted within the 2018 Pinchin Phase II ESA Report, fill, generally consisting of sand and gravel to depths between 0.1-3.2 mbgs, was encountered in various borehole locations advanced by Pinchin at the Phase One Property. As such, Pinchin has concluded that fill material is present across the entire Phase One Property outside the footprint of the Site Building. As noted in Section 4.1.5, various shallow soil impacts (various metal parameters) that exceed the *Table 7 Standards* are located throughout the Phase One Property and are likely associated with former on-Site landfilling activities. The impacted fill material is a PCA at the Phase One Property.

Given the known presence of fill material at the Phase One Property, 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 and Areas of Natural Significance*

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 G) 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.

4.3.5 *Well Records*

The Water Well Information System database search did not identify any water well records for the Phase One Property but did identify 37 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 G.



4.4 Site Operating Records

Based on the current and historical use of the Phase One Property as an automotive repair/servicing facility, as well as the historical use of the Phase One Property as an RFO, the Phase One Property is classified as an enhanced investigation property (see Section 6.3). As such, O. Reg. 153/04 requires that the following site operating records be reviewed where available:

- Regulatory permits and records related to APECs;
- Material safety data sheets (MSDSs);
- Underground utility drawings;
- Inventories of chemicals, chemical usage and chemical storage areas;
- Inventory of ASTs and USTs;
- Environmental monitoring data;
- Waste management records;
- Process, production and maintenance documents related to APECs;
- Records of spills and contaminant discharges;
- Emergency response and contingency plans;
- Environmental audit reports; and
- Site plan of facility.

The Site Representative (see Section 5.0) informed Pinchin that none of the above-listed site operating records were available for review.

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
Mr. Joe Abdou	Property Manager at the Phase One Property	January 24, 2020 (Phase One Property)	In-person interview during Site reconnaissance.



Mr. Abdou was chosen to be interviewed given that he has managed the Phase One Property for approximately one year and is familiar with the recent operational history of the Phase One Property since the previous on-Site environmental work completed by Pinchin in 2018. Mr. Abdou is referred to herein as the “Site Representative”, 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 January 24, 2020, 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 7 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 1:00 PM and 3:00 PM. During the Site reconnaissance, the weather was cloudy, and the ambient temperature was approximately 1° Celsius with a brisk breeze from the east-northeast. The Phase One Property reconnaissance was conducted on foot and consisted of a full walk-through of the 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, as well as various storage lockers within the central portion of Site Building A (as they were locked and the Site Representative did not possess the keys). In addition, limited areas of Site Building C were accessed during Pinchin’s Site reconnaissance due to the fact that it was deemed unsafe (the building has not been properly maintained, and ceilings had collapsed in various areas). At the time



of the Site reconnaissance, the Phase One Property was primarily vacant, with the exception of Gifford Automotive (i.e., an automotive repair/servicing operation) located within the south portion of Site Building A.

Photographs taken during the Site reconnaissance that illustrate the interior and exterior of the Site Building, Phase One Property and Phase One Study Area are provided in Appendix C. With reference to Appendix C, the following table provides a summary of photographs that illustrate PCAs and APECs identified at the Phase One Property during the Site reconnaissance:

Photograph No.	Orientation	Description
6	View of the northeast portion of the Phase One Property	Location of former on-Site RFO.
7	North portion of Site Building A	Former automotive repair/servicing operation (i.e., Auto Re-Bex).
8	North portion of Site Building A	Single-stage oil/water separator located within the former automotive repair/servicing facility (i.e., Auto Re-Bex).
9	North portion of Site Building A	A 910-L waste oil AST located along the south wall of the tenant space formerly occupied by Auto Re-Bex. Heavy staining of the ground surface adjacent to the AST is evident.
10	Northwest portion of Site Building A	Former flammable liquid storage area, as noted within the 1984 and 1994 PURs. Floor drain observed reportedly connects to the single-stage oil/water separator noted in Photograph 11.
11	North-northwest portion of Site Building A	Former spray painting area, as noted within the 1984 PUR and PUP. Floor drain observed reportedly connects to the single-stage oil/water separator noted in Photograph 11.
12	South portion of Site Building A	Operating automotive repair/servicing operation (i.e., Gifford's Automotive).
13	South portion of Site Building A	A 1,008-L new oil AST located along the north wall of the tenant space occupied by Gifford's Automotive. Moderate staining of the ground surface adjacent to the AST is evident.
14	South portion of Site Building A	A 910-L waste oil AST located along the south wall of the tenant space occupied by Gifford's Automotive. Heavy staining of the ground surface adjacent to the AST is evident.
15	South portion of Site Building A	Single-stage oil/water separator located within the operating automotive repair/servicing operation (i.e., Gifford's Automotive).
16	Adjacent to the southwest corner of Site Building A	Exterior waste chemical storage area associated with the operating automotive repair/servicing operation (i.e., Gifford's Automotive).



With reference to Appendix C, the following table provides a summary of photographs that illustrate PCAs observed at other properties within the Phase One Study Area during the Site reconnaissance:

Photograph No.	Orientation	Description
17	Looking south	Otto's Subaru (automotive repair/servicing operation) located approximately 75 m south of the Phase One Property.

6.2 Specific Observations at Phase One Property

6.2.1 Description of Buildings and Structures

During the Site reconnaissance, Pinchin observed three buildings/structures on the Phase One Property. Site Building A, located on the east-central and southeast portions of the Phase One Property, is a single-storey multi-tenant light industrial building. Site Building A is a slab-on-grade structure that was constructed in various phases throughout the 1950s, 1960s and 1970s. Site Buildings B and C are two-storey residential dwellings, both of which contain full basement levels. At the time of the Site reconnaissance, the Phase One Property was primarily vacant, with the exception of Gifford Automotive (i.e., an automotive repair/servicing operation) located within the south portion of Site Building A.

The portion of the Phase One Property outside of the Site Buildings was inferred to be comprised of asphalt and gravel areas in the vicinity of Site Building A and grassed/landscaped areas in the vicinity of Site Buildings B and C; however, the ground surface was snow-covered during Pinchin's Site reconnaissance, limiting exterior observations.

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 basements within Site Buildings B and C and storm sewer catch basins in the parking areas near Site Building A. The basements consisted of a poured concrete structure, and some utilities entered Site Buildings B and C at the west end (i.e., telephone, sanitary sewer, water and electricity).

6.2.3 Description of Tanks

During the Site reconnaissance, Pinchin observed the presence of the following tanks on the Phase One Property:

- One in-use 1,008-L single-walled steel AST containing new oil that is located within the south tenant space in Site Building A. Due to staining on the tank, the manufacturing data could not be determined;



- One in-use 910-L single-walled steel AST containing waste oil that is located within the south tenant space in Site Building A. Due to staining on the tank, the manufacturing data could not be determined; and
- One out-of-use 910-L single-walled steel AST containing waste oil that is located within the north tenant space in Site Building A. Due to staining on the tank, the manufacturing data could not be determined.

The above-listed tanks represent PCAs at the Phase One Property.

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 east from Tweedsmuir Avenue and west from McRae Avenue into the Site Buildings.

6.2.5 Description and Location of Underground Utilities

A number of underground utilities were observed at 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 running from the adjacent roadways into the Site Buildings. Stormwater is captured via on-Site catch basins and directed via underground piping to a main storm sewer line under the adjacent roadways.

6.2.6 Entry and Exit Points

The main man-door entry/exit points for Site Building A are located along the east elevation of Site Building A, with secondary entry/exit points located along the north and south elevations of Site Building A. The main man-door entry/exit points for Site Buildings B and C are located along the west elevations of these Site Buildings, with secondary entry/exit points located along the east elevations of these Site Buildings.

6.2.7 Details of Heating System

During the Site reconnaissance, Pinchin observed natural gas-fired and electrically-powered suspended unit heaters, as well as electric baseboards, within Site Building A. In addition, Pinchin observed two natural gas-fired forced air furnace units, one within each of Site Buildings B and C, as well as electric baseboards within these Site Buildings.



6.2.8 Details of Cooling System

During the Site reconnaissance, Pinchin observed various through-wall, window-mounted and pad-mounted air conditioning units.

6.2.9 Details of Drains, Pits and Sumps

A floor drain was observed within each of the two vacant former service bays in the northwest portion of Site Building A, both of which lead to a single-stage oil/water separator located within the north portion of Site Building A (oil/water separator is a PCA and is discussed below).

A storm water sump is located in the washroom within the basement level of Site Building C that captures storm water from a weeping tile system located around the Site Building foundation. This sump was identified by Pinchin in 2018; however, the sump area was not observed during this Site reconnaissance due to the unsafe conditions within Site Building C. The storm water sump is expected to connect to the outside storm sewer system. The sump is not considered to be a PCA.

6.2.10 Unidentified Substances within Buildings and Structures

During the Site reconnaissance, Pinchin observed an area of waste liquid chemical storage (i.e., waste antifreeze and other unknown automotive fluids) adjacent to the southwest corner of Site Building in 2020. This storage area was also observed during Pinchin's Site reconnaissance in 2018. This storage area is considered a PCA and APEC for the Phase One Property.

Pinchin did not observe any additional 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.

6.2.11 Details of Staining and Corrosion

During the Site reconnaissance, Pinchin observed areas of dark (likely PHC) staining inside the automotive repair/servicing operations within Site Building A. Although the concrete slabs were observed to be in fair to good condition, staining was observed in the vicinity of both oil/water separators and as such, the PHC-related staining and discharge of oil-like materials to these oil/water separators represents a PCA at the Phase One Property.

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



6.2.12 Details of On-Site Wells

No water supply or exterior groundwater monitoring wells were observed to be on or within the Phase One Property; however, it should be noted that the ground surface was snow-covered during Pinchin's Site reconnaissance, limiting exterior observations. Two groundwater monitoring wells previously installed by Paterson (i.e., EXMW-4 and EXMW-5) were observed within Site Building A and were observed to be in good condition.

6.2.13 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 a main sanitary sewer pipes that exit through the eastern wall of Site Building A and western wall of Site Buildings B and C and connect to the municipal sewers under the adjacent roadways.

6.2.14 Details of Ground Cover

During the Site reconnaissance, Pinchin visually inspected the Phase One Property ground cover. Although the ground surface was snow-covered during Pinchin's Site reconnaissance, limiting exterior observations, vegetated and landscaped areas are inferred to be present in the vicinity of Site Buildings B and C, and the remainder of the Phase One Property exterior is inferred to consist of an asphalt-paved and gravel areas.

6.2.15 Details of Current or Former Railways

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

6.2.16 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; however, it should be noted that the ground surface was snow-covered during Pinchin's Site reconnaissance, limiting exterior observations.

6.2.17 Areas of Stressed Vegetation

During the Site reconnaissance, Pinchin did not observe any areas of stressed vegetation on the Phase One Property; however, the ground surface was snow-covered during Pinchin's Site reconnaissance, limiting exterior observations. Significant quantities of vegetation were not observed on-Site.

6.2.18 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. However, as noted within the 2018 Pinchin Phase II ESA Report, fill, generally consisting of sand and gravel to depths between 0.1-3.2 mbgs, was encountered in various borehole



locations advanced by Pinchin at the Phase One Property. As such, Pinchin has concluded that fill material is present across the entire Phase One Property outside the footprint of the Site Building. As noted in Section 4.1.5, various shallow soil impacts (various metal parameters) that exceed the *Table 7 Standards* are located throughout the Phase One Property and are likely associated with former on-Site landfilling activities. The impacted fill material is a PCA at the Phase One Property.

6.2.19 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 PCAs OR PCA observed on the Phase One Property during the Site reconnaissance are included in Table 2. Details regarding these PCAs (e.g., location, potential contaminants of concern, and rationale for inclusion) are provided in the preceding sections of this report, and are further summarized in Section 7.2.

6.2.20 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, with the exception of an area of waste liquid chemical storage (i.e., waste antifreeze and other unknown automotive fluids) adjacent to the southwest corner of Site Building in 2020. This storage area was also observed during Pinchin’s Site reconnaissance in 2018. This storage area is considered a PCA and APEC for the Phase One Property.

6.2.21 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 vacant, residential, institutional, commercial and light industrial. Land use types within the Phase One Study Area are presented on Figure 3.



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 Calculated Groundwater Flow Direction	Description of Property Use	Property Use	Potential Contribution to PCA and/or APEC
North	Downgradient	Scott Street followed by transit roadways, commercial buildings and associated parking areas.	Institutional/Commercial	Land uses are not considered to represent PCAs.
South	Upgradient	A residential dwelling followed by a parking lot, commercial/light industrial building (i.e., Otto's Subaru) and Richmond Road.	Residential/Commercial/Light Industrial	Otto's Subaru is a PCA that results in an APEC to the Phase One Property.
East	Transgradient	McRae Avenue followed by a multi-tenant commercial building and land under development, residential dwellings, Clifton Road and additional residential dwellings.	Commercial/Residential	Land uses are not considered to represent PCAs.
West	Transgradient	Residential dwellings and Tweedsmuir Avenue followed by additional residential dwellings and commercial buildings.	Commercial/Residential	Land uses are not considered to represent PCAs.

No PCAs were observed at the time of the Site reconnaissance within the rest of the Phase One Study area that have not been identified during the historical information review and noted elsewhere in this report (i.e., Otto's Subaru).

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.

During this Phase One ESA, Pinchin observed that the Phase One Property is currently used as an automotive repair/servicing facility and it has been documented that a former RFO, former automotive repair/servicing operation and former body shop had operated at the Phase One Property. These land uses classify the Phase One Property as an enhanced investigation property. A Phase Two Environmental Site Assessment (Phase Two ESA) is automatically required at an enhanced investigation property to support the filing of an RSC.

6.3.1 Site Operations

The Phase One Property is currently occupied by an automotive repair/servicing operation (i.e., Gifford's Automotive) that has operated within the south portion of Site Building A from approximately 1968 to the present. In addition, the Phase One Property was formerly occupied by an auto body shop in the north portion of Site Building A from at least 1954 until 1957, an automotive repair/servicing operation in the north portion of Site Building A from 1952 until 2020, and an RFO was formerly present on the northeast portion of the Phase One Property from at least 1965 until 2002.

6.3.2 Hazardous Materials

The following hazardous materials were used or stored at the Phase One Property at the time of the Site reconnaissance:

- A 1,008-L steel AST and various steel drums (of various sizes) containing new oil are present within the north portion of the tenant space occupied by Gifford Automotive (Site Building A). No secondary containment was observed for the AST, and moderate staining was observed in the vicinity of this AST and the drums (as staining was observed throughout this tenant space);
- A parts washer (inferred to contain varsol) is located within the automotive repair/servicing tenant space in Site Building A (i.e., Gifford's Automotive);
- Hydraulic oil (stored in plastic reservoirs) is located on the arms of the hydraulic hoists/lift within the automotive repair/servicing tenant space in Site Building A (i.e., Gifford's Automotive);
- Various manufacturer-supplied containers containing automotive products (i.e., oil, lubricants, degreasers, fluids, etc.) are located throughout the automotive repair/servicing tenant space in Site Building A (i.e., Gifford's Automotive); and



- Chemicals typically used for general purpose cleaning and building maintenance (e.g., window cleaners, bleach, paints, deodorizers, etc.) were noted on-Site at the time of the Site reconnaissance. Chemicals observed on-Site were stored within manufacturer-supplied containers in various locations throughout the Site Buildings.

6.3.3 *Products Manufactured*

No product manufacturing activities were observed at the Phase One Property during the Site reconnaissance.

6.3.4 *By-Products and Wastes*

The following by-products and wastes were noted at the Phase One Property at the time of the Site reconnaissance:

- Waste oil generated by Gifford's Automotive (south portion of Site Building A) from vehicle maintenance activities was stored in a 910-L steel AST located in the southeast corner of this tenant space (and southeast corner of Site Building A);
- Waste oil formerly generated by Auto Re-Bex (north portion of Site Building A) from vehicle maintenance activities was stored in a 910-L steel AST located in the south-central portion of this tenant space. It should be noted that the AST is still present on-Site, but is no longer in use as the tenant has vacated the Phase One Property;
- A 675-L plastic tote containing used antifreeze and a 205-L steel drum and three 20-L pails containing unknown waste fluids are located adjacent to the southwest corner of Site Building A. The used antifreeze is reportedly removed for off-Site disposal on a regular basis by an external licensed contractor. Pinchin could not adequately assess for the presence of spillage/staining in the vicinity of this storage area, as the ground floor was snow-covered during Pinchin's Site reconnaissance, limiting exterior observations;
- Waste oily rags generated within the automotive repair/servicing operation (i.e., Gifford's Automotive) are stored in metal containers within this tenant space; and
- Waste oil filters and waste chemical containers are stored in plastic totes within the automotive repair/servicing operation (i.e., Gifford's Automotive).

6.3.5 *Raw Materials Handling and Storage*

No raw materials were observed at the Phase One Property during the Site reconnaissance.

6.3.6 Drums, Totes and Bins

The following drums, totes and bins were observed at the Phase One Property at the time of the Site reconnaissance:

- As noted above in Section 6.3.2, various steel drums (of various sizes) containing new oil are present within the north portion of the tenant space occupied by Gifford Automotive (Site Building A). Evidence of spillage/staining was present throughout this tenant space;
- As noted above in Section 6.3.2, waste oil filters and waste chemical containers are stored in plastic totes within the automotive repair/servicing operation (i.e., Gifford's Automotive); and
- Domestic refuse generated within Site Building A is deposited in a metal bin located exterior to the south elevation of Site Building A and is removed for off-Site disposal on a regular basis by Waste Connections of Canada, an external licensed waste hauler.

6.3.7 Oil/Water Separators

The following oil/water separators were observed at the Phase One Property at the time of the Site reconnaissance:

- Two pits are located within the former Auto Re-Bex tenant space in Site Building A, which drain to a single-stage oil/water separator located in the north portion of this tenant space. The oil/water separator was reported to be of concrete construction and is inferred to be original to this portion of Site Building A (i.e., approximately 1952). The integrity of the oil/water separator could not be assessed at the time of the Site reconnaissance due to the fact that it was sealed shut. The water effluent is inferred to drain to the municipal sanitary sewer system. The Site Representative was unaware of a maintenance schedule associated with this oil/water separator; and
- A single-stage oil/water separator located within the north portion of the tenant space occupied by Gifford Automotive (Site Building A). The concrete floor slabs within the servicing area are sloped towards this oil/water separator. The oil/water separator was reported to be of concrete construction and is inferred to be original to this portion of Site Building A (i.e., approximately 1968). The integrity of the oil/water separator could not be assessed at the time of the Site reconnaissance due to the fact that it was sealed shut. The Site Representative indicated that this oil/water separator is reportedly emptied for off-Site disposal once per year by an external licensed contractor, and that the water effluent drains to the municipal sanitary sewer system.



6.3.8 Vehicle and Equipment Maintenance

At the time of the Site reconnaissance, the south portion of Site Building A was used as a vehicle service garage for the service of automobiles and small trucks. In addition, the north portion of Site Building A was utilized as a vehicle service garage until it was recently vacated. According to the historical review, Site Building A at the Phase One Property has been used as a vehicle service garage and/or commercial auto body shop since the construction of the original portion of this Site Building in 1952. Vehicle maintenance currently occurs within the south portion of the Site Building, with the remainder used as office and storage space. New oil is stored in a 1,008-L new oil AST and various steel drums (of various sizes) located within this tenant space. Other automotive fluids (e.g., brake fluid, power steering fluid, antifreeze, transmission oil, etc.) were stored in plastic containers varying in size from one litre to 20 litres in various locations throughout this tenant space. As noted above in Section 6.3.4, waste oil generated from vehicle maintenance activities was stored in a 910-L AST located along the south wall of the garage area. In addition, a 910-L steel AST (now empty, formerly containing waste oil) is located in the north portion of Site Building A, which was formerly occupied by an automotive repair/servicing garage (i.e., Auto Re-Bex). Heavy dark (likely PHC) staining was observed in the vicinity of both above-noted waste oil ASTs.

6.3.9 Spills

Oil-stained areas (with select areas of recent spillage observed within Gifford's Automotive) were observed throughout the current and former automotive repair/servicing tenant spaces (north and south portions) of Site Building A. The spillage was observed in the vicinity of the waste oil AST in the tenant space occupied by Gifford's Automotive. Pinchin notes that the concrete floor slab at the spill location was in good condition with no cracking or deterioration; however, areas of cracking were observed within the tenant space in the north portion of Site Building A (formerly occupied by Auto Re-Bex). In addition, it should be noted that Pinchin could not adequately assess for spills/staining on the Site exterior, as the ground surface was snow-covered, limiting exterior observations.

6.3.10 Liquid Discharge Points

Floor drains were observed by Pinchin in the north-northwest and northwest portions of Site Building A. Based on information gathered as part of the 2018 Pinchin Phase I ESA Report, these floor drains connect to the single-stage oil/water separator located in the north portion of Site Building A (former Auto Re-Bex tenant space), whereby the water effluent enters the sanitary sewer system. In addition, a single-stage oil/water separator is located in the central portion of the tenant space occupied by Gifford's Automotive (Gifford's Automotive), whereby the water effluent enters the sanitary sewer system. Furthermore, run off is captured by catch basins in the parking lots that are connected to the municipal storm sewer line located beneath McRae Avenue.



6.3.11 Processing and Manufacturing Operations/Equipment

No processing or manufacturing operations or equipment were observed at the Phase One Property during the Site reconnaissance.

6.3.12 Hydraulic Equipment

Three hydraulically-operated aboveground hoists and one hydraulically-operated aboveground lift were observed within the vehicle maintenance garage area in the south portion of Site Building A. No other hydraulic equipment (e.g., elevators, loading docks) were observed by Pinchin at the time of the Site reconnaissance.

6.3.13 Potentially Contaminating Activities

Based on the information provided in Sections 6.3.1 to 6.3.12, no additional PCAs were identified during the Site reconnaissance that have not been described previously in this report.

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 FIPs, a chain of title search, previous environmental reports, ERIS regulatory search, information obtained through MECP FOI and TSSA requests, PURs, PUPs, city directories, aerial photographs and well records;
- A Site reconnaissance completed on January 24, 2020, 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 14 PCAs. The descriptions and locations of these PCAs are provided in Table 2. As per O. Reg. 153/04, all identified PCAs at the Phase One Property are considered APECs that will require investigation through the completion of a Phase Two ESA.

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

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 FIPs, 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 three PCAs that have the potential to impact soil and/or groundwater quality at the Phase One Property given their proximity to the Phase One Property, their upgradient locations relative to the inferred groundwater flow direction in the Phase One Study Area and/or the nature of operations and potential contaminants related to these operations. The descriptions and locations of these PCAs are provided in Table 2. The APECs associated with these PCAs are summarized in Table 3. A total of 14 additional PCAs were identified within the Phase One Study Area outside of the Phase One Property. These additional PCAs are not considered to result in APECs at the Phase One Property given the distance from the PCAs to the Phase One Property, their downgradient or transgradient locations relative to the inferred groundwater flow direction in the Phase One Study Area and/or the nature of operations and potential contaminants related to these operations. The descriptions and locations of these PCAs are provided in Table 2.

No areas of natural significance were identified 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-Site PCAs, off-Site PCAs and APECs for this Phase One ESA are provided as Figures 4, 5 and 6, respectively.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

The current and past land uses of the Phase One Property are listed in Table 1. The Chain of Title search indicated that the Phase One Property was first transferred from crown land in 1803 (320 McRae Avenue) and was owned by various single residents from 1803 until the recent purchase by the Client, with the exception of a brief ownership by the Corporation of the Township of Nepean from 1932 until 1939 (due to a default in taxes by the owner at the time). To the best of Pinchin's knowledge, the Phase One Property was developed prior to 1922 with three residential dwellings and one detached residential-style garage building on the west portion, a commercial building (used by an office supply company in 1922) and an associated warehouse building utilized for paper storage on the west-central and north portions, and two residential dwellings located on the southeast portion. In 1928, The two residential dwellings located on the southeast portion were no longer evident and the majority of the southeast, east and northeast portions of the Phase One Property appeared to be utilized as a waste disposal site. In 1948, the waste disposal site was no longer evident on-Site, a residential dwelling was evident on the southeast portion a single-storey 'workshop' building was evident on the east-central portion of the Phase One Property, and two residential dwellings of similar in size and configuration to present-day Site Buildings B and C were evident on-Site. The original portion of Site Building A was constructed in 1952 and was occupied by a commercial auto body shop, then an automotive repair/servicing operation until early 2020. Additions to Site Building A were constructed in various phases throughout the 1950s, 1960s and 1970, most notably the south portion of Site Building A which was constructed in 1968 and has always been utilized as an automotive repair/servicing operation. An RFO was present on the northeast portion of the Phase One Property from at least 1965 until it was decommissioned in 2002/2003.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is prior to 1922, with the construction of three residential dwellings and one detached residential-style garage building on the west portion, a commercial building (used by an office supply company in 1922) and an associated warehouse building utilized for paper storage on the west-central and north portions, and two residential dwellings located on the southeast portion. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs, previous reports, FIPs, a city directory search and a chain of title search, which was completed for the property to its earliest time of ownership and possible development. 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

Table 2 summarizes the descriptions and locations of all PCAs as defined by O. Reg. 153/04 that were identified by Pinchin within the Phase One Study Area. The following presents a summary of these PCAs:

- A total of 15 PCAs were documented to have occurred at the Phase One Property;
- A total of 17 PCAs were documented to have occurred within the Phase One Study Area outside of the Phase One Property. Of these off-Site PCAs, three were identified that are considered to result in APECs at the Phase One Property given their proximity to the Phase One Property, their upgradient locations relative to the inferred groundwater flow direction in the Phase One Study Area and/or the nature of operations and potential contaminants related to these operations; and
- The remaining 14 off-Site PCAs are not considered to result in APECs at the Phase One Property given the distance from the PCAs to the Phase One Property, their downgradient or transgradient locations relative to the inferred groundwater flow direction in the Phase One Study Area and/or the nature of operations and potential contaminants related to these operations.

7.3 Areas of Potential Environmental Concern

Table 3 summarizes all APECs identified during the Phase One ESA, as well as their respective PCAs, COPCs and the media which could potentially be impacted. As noted in Table 3, the Phase One ESA identified a total of 17 APECs at the Phase One Property.

The rationale used by the QP in assessing the available information to determine whether PCAs exist or have existed within the Phase One Study Area, including the Phase One Property, that represent an APEC at the Phase One Property has been provided in the preceding report sections. In general, the potential for environmental impacts to the Phase One Property was evaluated using a combined probability for a source to contaminate, and the ability of contaminants to migrate on, or to the Phase One Property. For example, a gasoline UST located on the Phase One Property, or on a property in close proximity and/or upgradient of the Phase One Property, would exhibit a high potential for contamination (and is therefore considered a PCA resulting in an APEC at the Phase One Property) since gasoline is highly mobile in the subsurface. In contrast, shallow soil/fill with metals impacts located on a property adjacent to the Phase One Property would be considered to have a low potential for contamination given that metals generally have low mobility in the subsurface (and would not be considered a PCA resulting in an APEC at the Phase One Property). Furthermore, non-adjacent properties with PCAs located downgradient or transgradient of the Phase One Property generally do not result in APECs at the Phase One Property. Groundwater is the media through which contaminants typically migrate from property to



property, and if the source of the contaminant is downgradient or transgradient of the Phase One Property, contaminated groundwater from this source cannot migrate to the Phase One Property and the downgradient or transgradient PCA would not be considered to result in an APEC at the Phase One Property.

The COPCs listed in Table 3 are APEC-specific and were determined based on several sources of information, including but not limited to, Pinchin's experience with environmental contamination and hazardous substances, common industry standards for analysis of such contaminants and point sources, literature reviews of COPCs and associated hazardous substances, and an evaluation by Pinchin of the mobility and susceptibility for migration of the COPCs in the subsurface.

The evaluation of the presence/absence of APECs at the Phase One Property was based upon the analysis of available documents, records and drawings, and personal interviews. In evaluating the Phase One Property and Phase One Study Area, Pinchin has relied in good faith on information provided by other individuals or sources as noted in this report. Pinchin has assumed that the information provided is factual and accurate, and has no reason to believe that any of the information provided in the available documentation or obtained through interviews is not factual or inaccurate.

Pinchin is not aware of any additional information that would alter the conclusions regarding the presence/absence of APECs at the Phase One Property.

Previous reports reviewed by Pinchin for the Phase One ESA referenced environmental reports prepared in the early 2000s (i.e., the RFO decommissioning report dated 2002/2003). These reports were not available for review by Pinchin, but given the results of subsequent subsurface environmental work completed on this portion of the Phase One Property, it is Pinchin's opinion that these reports, if available, would not provide any additional information that would alter the conclusions of this report.

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 6 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 an irregular-shaped parcel of land approximately 1.29 acres (0.52 hectares) in size, located on the southwest corner of the intersection between McRae Avenue and Scott Street in the City of Ottawa. The Phase One Property is improved with a single-storey multi-tenant light industrial building (Site Building A) that occupies the east and southeast portions of the Phase One Property, as well as two, two-storey residential dwellings located on the northwest portion of the Phase One Property. Site Building A has been utilized for various commercial and light industrial uses since construction (constructed in various phases in the 1950s, 1960s and 1970s), most notably for commercial auto body and automotive repair/servicing in the north portion since 1952 and automotive repair/servicing in the south portion since 1968;
- No water bodies were identified within the Phase One Study Area. The nearest water body is the Ottawa River, which is located approximately 860 m northwest of the Phase One Property;
- 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 consist of vacant, residential, commercial and light industrial land uses. The properties located north of the Phase One Property consist of Scott Street followed by transit roadways, commercial buildings and associated parking areas; the properties located east of the Phase One Property consist of McRae Avenue followed by a multi-tenant commercial building and land under development, residential dwellings, Clifton Road and additional residential dwellings; the properties located south of the Phase One Property consist of a residential dwelling followed by a parking lot, commercial/light industrial building (i.e., Otto's Subaru) and Richmond Road; and the properties located west of the Phase One Property consist of residential dwellings and Tweedsmuir Avenue followed by additional residential dwellings and commercial buildings.;



- A total of 31 PCAs were identified within the Phase One Study Area, consisting of 14 PCAs at the Phase One Property and 17 PCAs within the Phase One Study Area, outside of the Phase One Property. As shown on Figure 5, three of the off-Site PCAs are a former industrial storage yard and contaminated property located 15 m east of the Phase One Property, a former UST located 20 m south of the Phase One Property (as observed on an FIP), and a current automotive repair/servicing operation located approximately 75 m south of the Phase One Property (225 Richmond Road). Groundwater flow within the Phase One Study Area has been calculated to be to the north towards the Ottawa River and these off-Site PCAs are inferred to be upgradient or transgradient of the Phase One Property. Given the close proximity of these PCAs to the Phase One Property and/or the calculated groundwater flow direction, these three off-Site PCAs are considered to result in APECs at the Phase One Property. All other PCAs identified within the Phase One Study Area do not represent APECs at the Phase One Property given their distance from the Phase One Property, the calculated groundwater flow direction, the nature of operations, the results of previous subsurface environmental work completed at the Phase One Property and/or the observations made during Pinchin's Site reconnaissance. Figure 6 provides a detailed summary of the APECs and associated PCAs and COPCs;
- Underground utilities at the Phase One Property provide potable water, natural gas, electrical, telephone, cable and sewer services to the Site Building. These services enter the Site Buildings through subsurface conduits, with the exception of pressurized natural gas lines which connect to meters located on the exterior of the Site Buildings. Storm sewer catch basins located in the parking lots of the Phase One Property 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 to 3 mbgs;
- 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 environmental investigations, the soil stratigraphy was observed to consist of fill material comprised of sand and gravel to a depth between 0.1-3.2 mbgs. Shallow bedrock was encountered at depths between 0.8 and 3.2 mbgs; and
- The Phase One Property is relatively flat with little relief. Local groundwater flow has been calculated to be towards the north towards the Ottawa River. Regional groundwater flow is also inferred to be to the north towards the Ottawa River.



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 to support the filing of an RSC for the Phase One Property. .

Based on the findings of this Phase One ESA, Pinchin identified 14 PCAs at the Phase One Property (i.e., on-Site) and 17 PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site). Of the off-Site PCAs, 14 are not considered to result in APECs at the Phase One Property given their distance from the Phase One Property, their downgradient or transgradient location with respect to the inferred groundwater flow direction at the Phase One Property, the nature of operations and/or the results of previous subsurface environmental work completed at the Phase One Property. The remaining three off-Site PCAs and the 14 on-Site PCAs have resulted in a total of 17 APECs at the Phase One Property. It is Pinchin's opinion that these 17 PCAs may have impacted soil and groundwater quality at the Phase One Property and, as such, result in APECs at the Phase One Property that warrant further investigation prior to the submittal of an RSC.

Pinchin recommends that a Phase Two ESA be conducted at the Phase One Property as an "assessment of property conducted in accordance with the regulations by or under the supervision of a qualified person to determine the location and concentration of one or more contaminants in the land or water on, in or under the property". Pinchin concludes that one or more contaminants originating from PCAs located on the Phase One Property and within the Phase One Study Area outside of the Phase One Property may have affected land or water on, in, or under the Phase One Property. Therefore, Pinchin recommends that a Phase Two ESA be conducted prior to filing an RSC for the Phase One Property.

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. Specific references are also summarized in Section 9.0.

8.1 Signatures

This Phase One ESA was undertaken under the supervision of Robert MacKenzie, B.Sc., P.Geo., QP_{ESA} in accordance with the requirements of O. Reg. 153/04 to support the filing of an RSC for 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 January 29, 2020, and a review of available historical information and information obtained from interviews.

This report has been issued without having received a response to a request for information from the MECP. Pinchin reserves the right to amend our conclusions and recommendations based on information obtained from this regulatory agency.

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 320 McRae Avenue, 1976 Scott Street, 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario (Site), 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 The Great-West Life Assurance Company (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:

- Canadian Standards Association (CSA) Standard. CSA Z768-01, Phase I Environmental Site Assessment, Canadian Standards Association International, November 2001, reaffirmed in 2012.
- Environmental Risk Information Services. "320 McRae Avenue, 1976 Scott Street, 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario", and dated January 20, 2020 (ERIS Project #20200115060).
- 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.
- Intera Technologies Inc. Mapping and Assessment of Former Industrial Sites – City of Ottawa. July 1988.
- Opta Information Intelligence.
- Library and Archives of Canada, Ottawa, Ontario.
- MECP Brownfields Environmental Site Registry.
- Ministry of the Environment, Conservation and Parks.
- Mr. Joe Abdou, Property Manager at the Phase One Property for approximately one year (Site Representative).
- National Air Photo Library, Ottawa, Ontario.

- 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 312/17 on July 28, 2017.
- Technical Standards & Safety Authority.
- 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>.
- The City of Ottawa.
- Toporama – Topographic Maps: <http://atlas.gc.ca/site/english/maps/topo/map>.
- Technical Standards and Safety Authority.
- *“Phase I-II Environmental Site Assessment, 319 & 320 McRae Avenue, Ottawa, Ontario”* prepared by Paterson Group Inc. for 914168 Ontario Limited, and dated November 19, 2008.
- *“Phase I Environmental Site Assessment, Commercial and Residential Properties, 320 McRae Avenue, 1976 Scott Street and 311 Tweedsmuir Avenue, Ottawa, Ontario”* prepared by Paterson Group Inc. for the Estate of Carson Unsworth c/o FoTenn Planning and Urban Design, and dated November 3, 2014.
- *“Phase I – Environmental Site Assessment, Commercial and Residential Properties, 320 McRae Avenue, 1976 Scott Street, 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario”*, prepared by Paterson Group Inc. for The Estate of Carson Unsworth, and dated January 28, 2016.
- *“Phase II – Environmental Site Assessment, Commercial and Residential Properties, 320 McRae Avenue, 1976 Scott Street, 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario”*, prepared by Paterson Group Inc. for The Estate of Carson Unsworth, and dated January 28, 2016.
- *“Phase II – Environmental Site Assessment, Commercial and Residential Properties, 320 McRae Avenue, 1976 Scott Street, 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario”*, prepared by Paterson Group Inc. for The Estate of Carson Unsworth, and dated April 21, 2017.



Phase One Environmental Site Assessment

320 McRae Avenue, 1976 Scott Street, and 311 and 315 Tweedsmuir Avenue, Ottawa,
Ontario
The Great-West Life Assurance Company

February 13, 2020
Pinchin File: 230236.005

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- *“FINAL Phase I Environmental Site Assessment, 320 McRae Avenue, 1976 Scott Street and 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario”, prepared by Pinchin Ltd. for The Great-West Life Assurance Company, and dated November 14, 2018.*
- *“FINAL Phase II Environmental Site Assessment, 320 McRae Avenue, 1976 Scott Street, 311 and 315 Tweedsmuir Avenue, Ottawa, Ontario”, prepared by Pinchin Ltd. for The Great-West Life Assurance Company, and dated November 29, 2018.*

230236.005 Phase One ESA McRae Scott and Tweedsmuir Ottawa ON GWL

Template: Master Report for RSC Phase One ESA Report, EDR, November 15, 2019

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10.0 APPENDICES

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APPENDIX A
Tables



Table 1 - Table of Current and Past Uses of the Phase One Property

Year	Name of Owner(s)	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
Pre-1803	Crown	Unknown	Agricultural or other use	None.
1803-1835	311 and 315 Tweedsmuir Avenue: Crown 320 McRae Avenue and 1976 Scott Street: Elijah Spencer, Rice Honeywell, and Peter Ayles.	Unknown, and Residential	Agricultural or other use, and Residential	Residential, and assumed vacant undeveloped land.
1836-1922	Joshua Adams, William Morris, Thomas Birch, Richard Birch, Patrick Laing, Frederick Laing, John Falls, Trustees of The Mills Conference Methodist Church, John McCullough, Frederick Henry, Francis Laderoute, Kastrel Cohen, Roland Lumoine, Matthew Webster, James Grierson, Thomas Gibbons, John Henry, Isabella Archibald, Evan Cameron, William Ross, George Young, and David Latimer.	Unknown, and Residential	Agricultural or other use, and Residential	Residential, and assumed vacant undeveloped land.



Year	Name of Owner(s)	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1922- mid to late 1920s	David Latimer, James Grierson, Alfred Smith, John Ross and George Ross, and George Young.	Residential dwellings, commercial building and warehousing	Residential use and commercial use	The 1922 Fire Insurance Plan (FIP) indicated the presence of three residential dwellings and one detached residential-style garage building on the west portion, a commercial building (used by an office supply company in 1922) and an associated warehouse building utilized for paper storage on the west-central and north portions, and two residential dwellings located on the southeast portion.
1928- 1940s	David Latimer, James Grierson, Alfred Smith, John Ross and George Ross, Louis Miller, Alice Morris, Florence Laprade, and George Young.	Residential, and Landfilling/Waste Disposal	Residential, and Other	As noted on the 1928 aerial photograph, the southeast, east and northeast portions of the Phase One Property were utilized for landfilling/waste disposal. The remaining portions of the Phase One Property appeared similar to the observations made on the 1922 FIP.
1948- 1952	Corporation of the Township of Nepean, Robert Barnes, Dosithe Duquette, Harold Lytle, Sidney Caswell, Lilian Caswell, Harry Barnes, William Jurgens, Gertrude Jurgens, Harry Barnes, and Frank Shouldice.	Residential, commercial	Residential use and commercial use	As evident on the 1948 FIP, the waste disposal site was no longer evident on-Site, a residential dwelling was evident on the southeast portion a single-storey 'work shop' building was evident on the east-central portion of the Phase One Property, and two residential dwellings of similar in size and configuration to present-day Site Buildings B and C were evident on-Site.
1952- 1965	William Hay, Dorothy Hay, Jean Shouldice, Emilia Panetta, Steve John Zabchuk, Louis Miller, Florence Laprade, Donald Barnes, Robert Barnes, Dalton Barnes, Harry Barnes, and Carson A. Unsworth.	Residential, commercial, light industrial	Residential use, commercial use and light industrial use	The original portion of Site Building A was reportedly constructed in 1952 (was not evident on the 1948 FIP but was evident on the 1957 FIP) and was occupied by a commercial auto body shop. Various additions were reportedly constructed on Site Building A throughout the 1950s, 1960s and 1970s (and this corroborates with observations on aerial photographs), most notably the south portion of Site Building A which was reportedly constructed in 1968 and has always been utilized as an automotive repair/servicing operation (as per city directory searches). Site Buildings B and C were present on the northwest portion of the Phase One Property and were occupied for residential use.



Year	Name of Owner(s)	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1965-2002/2003.	Carson A. Unsworth, Robert Barnes, and Steve John Zabchuk.	Residential, commercial, light industrial	Residential use, commercial use and light industrial use	Same as above; however, an addition was evident along the original (north) portion of Site Building A and an RFO was present on the northeast portion of the Phase One Property (as observed on a 1965 aerial photograph). In addition, Site Building A was utilized as automotive repair/servicing operation (as per city directory searches).
2003-present	Carson A. Unsworth, Carol Ann Morris-Unsworth, Frederick Gideon Unsworth, Mary Jayne Unsworth, 1213763 Ontario Inc., and 2196472 Ontario Inc.	Residential, commercial, light industrial	Residential use, commercial use and light industrial use	Same as above; however, Site Building A was evident in its present size and configuration, and the RFO on the northeast portion of the Phase One Property had been decommissioned and was no longer present on-Site.

Notes:

- 1 - for each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies: Agriculture or other use
 Commercial use
 Community use Industrial use
 Institutional use Parkland use
 Residential use

2 - when submitting a record of site condition for filing, a copy of this table must be attached

Table 2 - Table of Potentially Contaminating Activities

PCA Designation	Location of Potentially Contaminating Activity	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Distance from Phase One Property (metres)	Location Relative to Inferred Groundwater Flow Direction ¹	Contributing to an APEC at the Site (Yes/No)	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
PCA-1	A retail fuel outlet (RFO) was present on the northeast portion of the Phase One Property from at least 1965 until 2002.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil and Groundwater
PCA-2	An automotive repair/servicing operation has been present within the north tenant space in Site Building A since approximately 1952.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil and Groundwater
PCA-3	An automotive repair/servicing operation has been present within the south tenant space in Site Building A since approximately 1968.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil and Groundwater
PCA-4	Auto Re-Bex, the automotive repair/servicing operation within the north portion of the Site Building, was also registered as an auto wrecking facility.	Item 49 - Salvage Yard, including Automobile Wrecking	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil and Groundwater
PCA-5	Two former 1,100-L single-walled steel aboveground storage tanks (ASTs) containing new oil that were observed by Pinchin within the north tenant space in Site Building A in 2018 (i.e., former Auto Re-Bex tenant space).	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil
PCA-6	One 1,008-L single-walled steel ASTs containing new oil that is located within the south tenant space in Site Building A (i.e., Gifford's Automotive).	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil
PCA-7	One 910-L single-walled steel AST containing waste oil that is located within the north tenant space in Site Building A (i.e., former Auto Re-Bex tenant space), and was also observed to be present in this area in 2018.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil
PCA-8	One 910-L single-walled steel AST containing waste oil that is located within the south tenant space in Site Building A (i.e., Gifford's Automotive), and was also observed to be present in this area in 2018.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil
PCA-9	The north portion of Site Building A was formerly occupied by a commercial auto body shop (i.e., Willy's Body Shop).	Item 10 - Commercial Autobody Shops	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil

PCA Designation	Location of Potentially Contaminating Activity	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Distance from Phase One Property (metres)	Location Relative to Inferred Groundwater Flow Direction ¹	Contributing to an APEC at the Site (Yes/No)	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
PCA-10	An oil/water separator has been present within the north tenant space in Site Building A (i.e., former Auto Re-Bex space) for at least 40 years.	Other - Miscellaneous	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil and Groundwater
PCA-11	An oil/water separator has been present within the south tenant space in Site Building A (i.e., Gifford's Automotive) for at least 40 years.	Other - Miscellaneous	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil and Groundwater
PCA-12	An area of depressed concrete, indicative of a potential UST, was evident adjacent to the south elevation of Site Building A in 2018.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil and Groundwater
PCA-13	An area of waste liquid chemical storage (i.e., waste antifreeze and other unknown automotive fluids) was observed adjacent to the southwest corner of Site Building in 2018 and 2020.	Other - Hazardous Waste Generation	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil
PCA-14	Former landfilling/waste disposal observed to be present on-Site in a 1928 aerial photograph.	Item 58 - Waste Disposal and Waste Management, including Thermal Treatment, Landfilling and Transfer of Waste, Other Than Use of Biosoils as Soil Conditioners	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil
PCA-15	Former industrial operations with exterior storage areas located east of the Phase One Property from approximately 1958 until 1976, as observed on aerial photographs.	Other - Industrial Operations	Off-Site	15	Transgradient	Yes	Groundwater
PCA-16	Spill of furnace oil (a "small leak") at private residence at 325 Tweedsmuir Avenue.	Other - Spill	Off-Site	10	Transgradient	No	Groundwater
PCA-17	Spill of hydraulic oil (approximately 375-L) to gravel at construction Site at 319 McRae Ave, a surrounding property located east of the Phase One Property	Other - Spill	Off-Site	15	Transgradient	No	Groundwater
PCA-18	Gervais Motors Ltd., an automotive repair/servicing operation, that was located at 1960 Scott Street from 1984 until 1998.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	15	Transgradient	No	Groundwater

PCA Designation	Location of Potentially Contaminating Activity	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Distance from Phase One Property (metres)	Location Relative to Inferred Groundwater Flow Direction ¹	Contributing to an APEC at the Site (Yes/No)	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
PCA-19	Fuel UST evident south of the Phase One Property in the 1948 Fire Insurance Plan (FIP).	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	20	Upgradient	Yes	Groundwater
PCA-20	Former commercial autobody shop located east of the Phase One Property on a 1984 Property Underwriters' Plan (PUP).	Item 10 - Commercial Autobody Shops	Off-Site	25	Transgradient	No	Groundwater
PCA-21	Leak of heating oil from a UST (approximately 50-L) at 359 McRae Avenue.	Other - Spill	Off-Site	35	Transgradient	No	Groundwater
PCA-22	Otto's Subaru or Otto's Service Centre Ltd., an automotive repair/servicing operation, has been located south of the Phase One Property since the late 1980s.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	75	Upgradient	Yes	Groundwater
PCA-23	A railway line formerly located northwest of the Phase One Property from at least 1922 until 1984, and a rail yard that was located north-northeast of the Phase One Property from at least 1922 until 1965.	Item 46 - Rail Yards, Tracks and Spurs	Off-Site	40 and 70 (respectively)	Downgradient	No	Groundwater
PCA-24	RFO located at 225 Richmond Road from at least 1956 until 1976.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	120	Upgradient	No	Groundwater
PCA-25	Automotive repair/servicing operation located at 225 Richmond Road from at least 1948 until 1956.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	120	Upgradient	No	Groundwater
PCA-26	Fuel UST evident within the rail yard (PCA-20) in the 1948 FIP.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	125	Downgradient	No	Groundwater
PCA-27	RFO located at 255 Richmond Road in 1948.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	145	Transgradient	No	Groundwater

PCA Designation	Location of Potentially Contaminating Activity	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Distance from Phase One Property (metres)	Location Relative to Inferred Groundwater Flow Direction ¹	Contributing to an APEC at the Site (Yes/No)	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
PCA-28	RFO located at 236 Richmond Road from at least 1995 until 2001.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	170	Transgradient	No	Groundwater
PCA-29	RFO located at 256 Richmond Road from at least 1974 until 2009.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	195	Transgradient	No	Groundwater
PCA-30	Crain Printers, a large-scale printing operation, was located at 190 Richmond Road from 1940s until 1988.	Item 31 - Ink Manufacturing, Processing and Bulk Storage	Off-Site	210	Transgradient	No	Groundwater
PCA-31	Various off-Site pole and pad-mounted oil-cooled transformers observed within Phase One Property Area.	Item 55 - Transformer Manufacturing, Processing and Use	Off-Site	Varies	NA	No	Soil

Notes:

APEC – Area of Potential Environmental Concern

PCA – Potentially Contaminating Activity

1 – Location of PCA relative to the Phase One Property in relation to the inferred groundwater flow direction in the Phase One Study Area

Table 3 - Table of Areas of Potential Environmental Concern

Area of Potential Environmental Concern ¹	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity ²	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern ³	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
APEC-1 (Historical retail fuel outlet (RFO) located on-Site from at least 1965 until 2002).	Northeast portion of the Phase One Property.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater
APEC-2 (Automotive repair/servicing operation located on-Site from approximately 1952 until early 2020)	North tenant space in Site Building A.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-Site	PHCs BTEX PAHs VOCs	Soil and Groundwater
APEC-3 (Automotive repair/servicing operation located on-Site since 1968)	South tenant space in Site Building A.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-Site	PHCs BTEX PAHs VOCs	Soil and Groundwater

Area of Potential Environmental Concern ¹	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity ²	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern ³	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
APEC-4 (Auto Re-Bex, an automotive repair/servicing operation formerly located on-Site, was also registered as an auto wrecking facility)	North tenant space in Site Building A.	Item 10 - Commercial Autobody Shops	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater
APEC-5 (Two former 1,100-L single-walled steel aboveground storage tanks (ASTs) containing new oil that were observed by Pinchin in 2018)	Along the west wall of the north tenant space in Site Building A (i.e., former Auto Re-Bex tenant space).	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs	Soil
APEC-6 (One former 1,008-L single-walled steel AST containing new oil that was observed by Pinchin in 2018 and 2020)	Along the north wall of the south tenant space in Site Building A (i.e., Gifford's Automotive).	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs	Soil

Area of Potential Environmental Concern ¹	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity ²	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern ³	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
APEC-7 (One 910-L single-walled steel AST containing waste oil that was observed on-Site by Pinchin in 2018 and 2020)	Along the south wall of the north tenant space in Site Building A (i.e., former Auto Re-Bex tenant space).	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs	Soil
APEC-8 (One 910-L single-walled steel AST containing waste oil that was observed on-Site by Pinchin in 2018 and 2020)	Along the south wall of the south tenant space in Site Building A (i.e., Gifford's Automotive).	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs	Soil
APEC-9 (Former on-Site commercial autobody shop)	Within the north tenant space in Site Building A (i.e., former Auto Re-Bex tenant space).	Item 10 - Commercial Autobody Shops	On-Site	PHCs BTEX PAHs VOCs Metals	Soil

Area of Potential Environmental Concern ¹	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity ²	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern ³	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
APEC-10 (Oil/water separator located on-Site for at least 40 years)	Within the north tenant space in Site Building A (i.e., former Auto Re-Bex tenant space).	Item - Other	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater
APEC-11 (Oil/water separator located on-Site for at least 40 years)	Within the south tenant space in Site Building A (i.e., Gifford's Automotive).	Item - Other	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater
APEC-12 (Area of depressed concrete, potentially indicating a former UST area)	Adjacent to the south elevation of Site Building A, on the Site exterior.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater

Area of Potential Environmental Concern ¹	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity ²	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern ³	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
APEC-13 (Area of waste liquid chemical storage (i.e., waste antifreeze and other unknown automotive fluids) observed on-Site in 2018 and 2020)	Adjacent to the southwest corner of Site Building A, on the Site exterior.	Item - Other	On-Site	PHCs BTEX PAHs VOCs Metals	Soil
APEC-14 (Former landfilling/waste disposal observed to be present on-Site in a 1928 aerial photograph)	Primarily on the southeast, east and northeast portions of the Phase One Property.	Item 58 - Waste Disposal and Waste Management, including Thermal Treatment, Landfilling and Transfer of Waste, Other Than Use of Biosoils as Soil Conditioners	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater
APEC-15 (Former industrial operations with exterior storage areas located east of the Phase One Property from approximately 1958 until 1976, as observed on aerial photographs)	Approximately 15 m east of the Phase One Property	Item - Other	Off-Site	PHCs BTEX PAHs VOCs Metals	Groundwater

Area of Potential Environmental Concern ¹	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity ²	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern ³	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
APEC-16 (Fuel UST evident south of the Phase One Property in the 1948 Fire Insurance Plan (FIP))	Approximately 20 m south of the Phase One Property	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	PHCs BTEX PAHs VOCs Metals	Groundwater
APEC-17 (Otto's Subaru or Otto's Service Centre Ltd., an automotive repair/servicing operation, has been located south of the Phase One Property since the late 1980s)	Approximately 75 m south of the Phase One Property	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	PHCs BTEX PAHs VOCs Metals	Groundwater

Notes:

- 1 - Areas of potential environmental concern means the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through,
 - (a) identification of past or present uses on, in or under the phase one property, and
 - (b) identification of potentially contaminating activity.
- 2 - Potentially contaminating activity means 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
- 3 - When completing this column, identify all contaminants of potential concern using the Method Groups as identified in the Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011, as specified below:

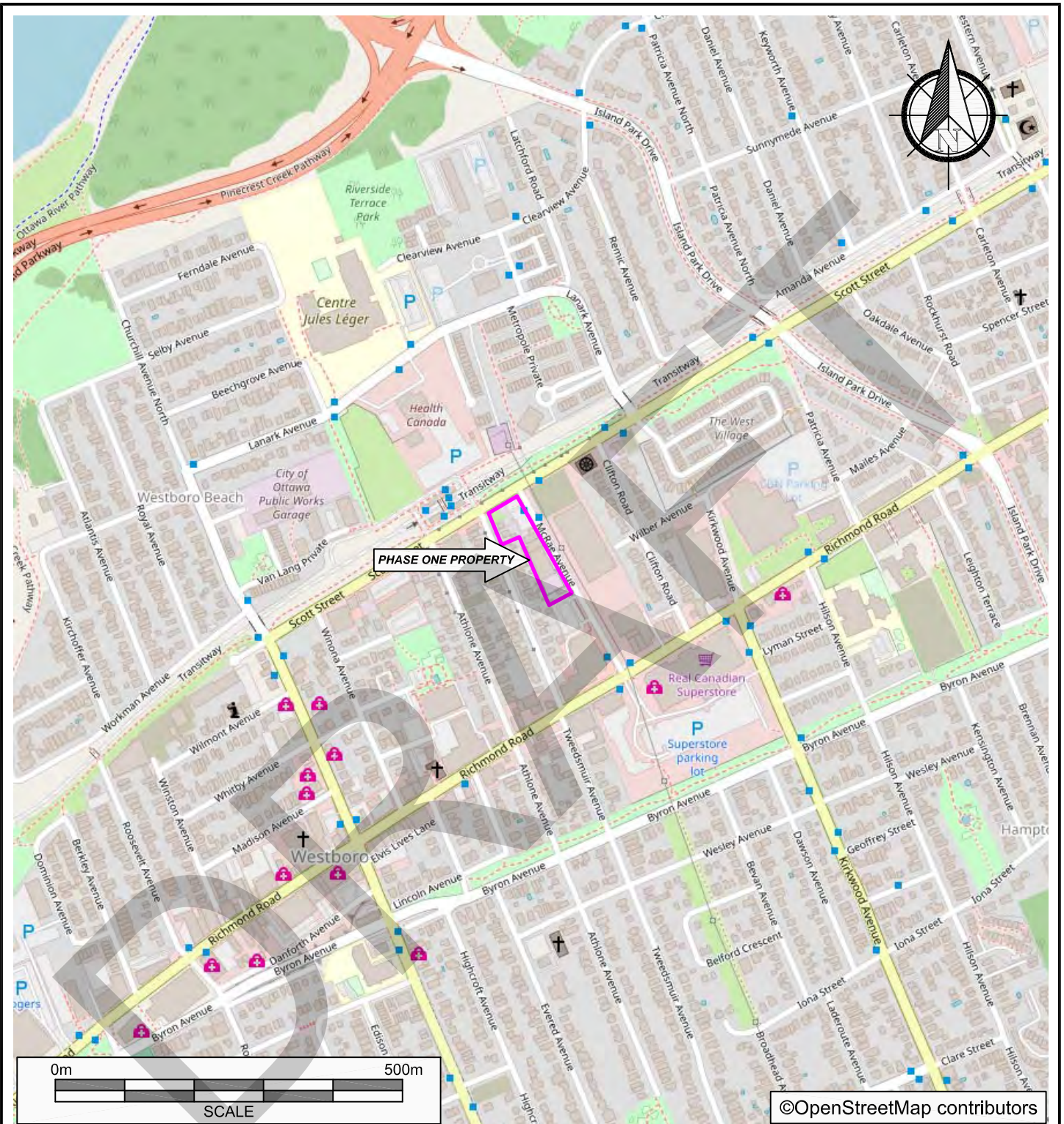
List of Method Groups:

ABNs	PCBs	Metals	Electrical Conductivity
CPs	PAHs	As, Sb, Se	Cr (VI)
1,4-Dioxane	THMs	Na	Hg
Dioxins/Furans, PCDDs/PCDFs	VOCs	B-HWS	Methyl Mercury
OCs	BTEX	Cl-	Low or high pH,
PHCs	Ca, Mg	CN-	SAR

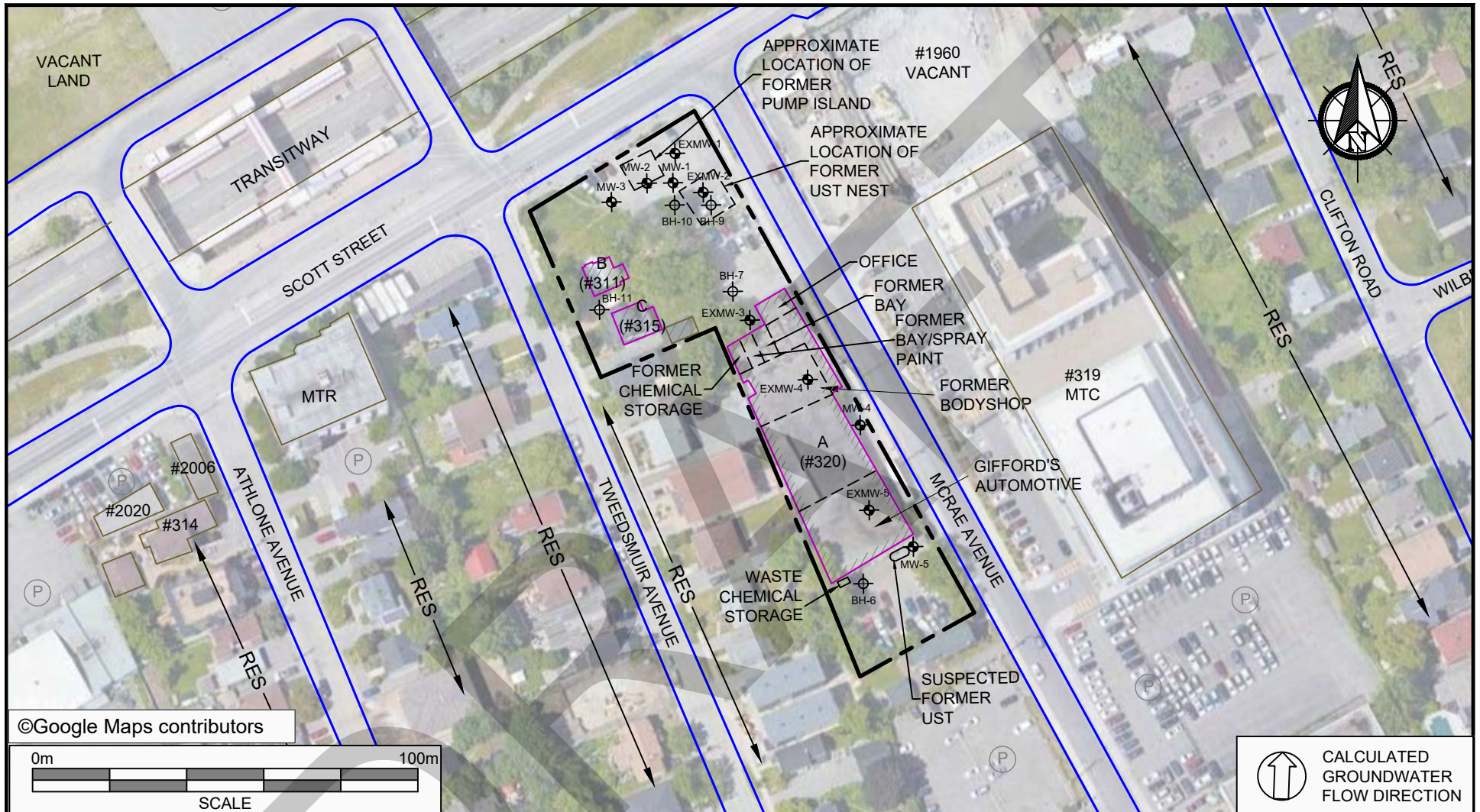
- 4 - When submitting a record of site condition for filing, a copy of this table must be attached

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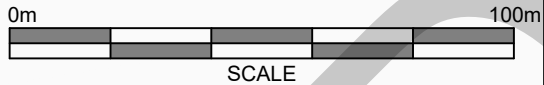
APPENDIX B
Figures



PROJECT NAME PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME THE GREAT-WEST LIFE ASSURANCE COMPANY			
PROJECT LOCATION 320 MCRAE AVENUE, 1976 SCOTT STREET, AND 311 AND 315 TWEEDSMUIR AVENUE, OTTAWA, ONTARIO			
FIGURE NAME KEY MAP			FIGURE NO. 1
SCALE AS SHOWN	PROJECT NO. 230236.005	DATE FEB. 2020	



©Google Maps contributors

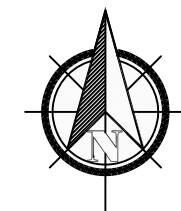
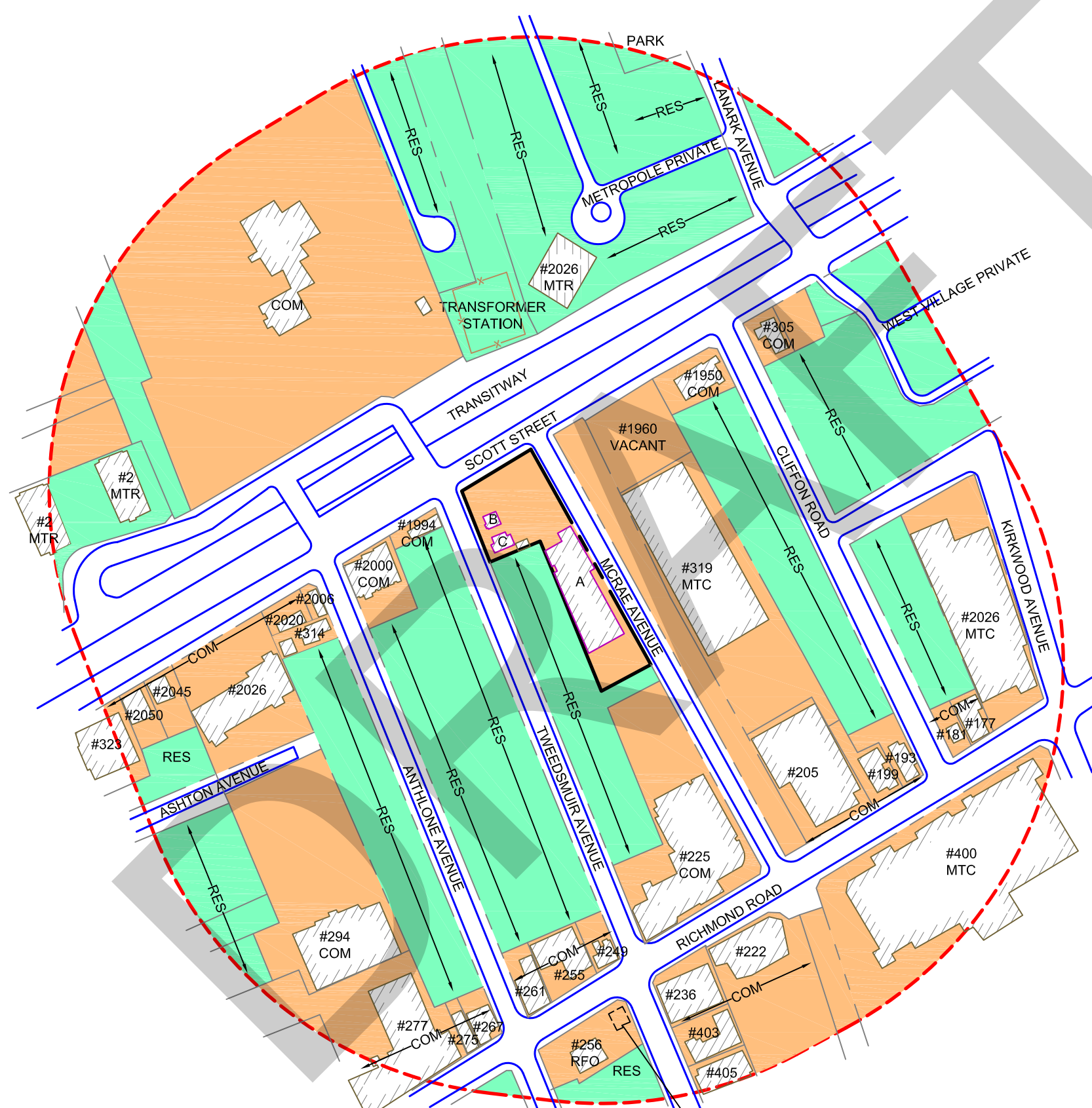


CALCULATED GROUNDWATER FLOW DIRECTION



LEGEND	
	PHASE ONE PROPERTY BOUNDARY
	SITE BUILDING
RES	RESIDENTIAL
MTR	MULTI-TENANT RESIDENTIAL
COM	COMMERCIAL
UST	UNDERGROUND STORAGE TANK
	PARKING
	BOREHOLE
	MONITORING WELL

PROJECT NAME PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME THE GREAT-WEST LIFE ASSURANCE COMPANY			
PROJECT LOCATION 320 MCRAE AVENUE, 1976 SCOTT STREET, AND 311 AND 315 TWEEDSMUIR AVENUE, OTTAWA, ONTARIO			
FIGURE NAME PHASE ONE PROPERTY			FIGURE NO. 2
SCALE AS SHOWN	PROJECT NO. 230236	DATE FEBRUARY 2020	



LEGEND

	COMMUNITY/COMMERCIAL/INDUSTRIAL LAND USE
	INSTITUTIONAL/PARK/RESIDENTIAL LAND USE
	PHASE ONE PROPERTY BOUNDARY
	PHASE ONE STUDY AREA BOUNDARY
COM	COMMERCIAL
MTC	MULTI-TENANT COMMERCIAL
MTR	MULTI-TENANT RESIDENTIAL
RES	RESIDENTIAL
RFO	RETAIL FUEL OUTLET
UST	UNDERGROUND STORAGE TANK



PROJECT NAME
**PHASE ONE ENVIRONMENTAL
 SITE ASSESSMENT**

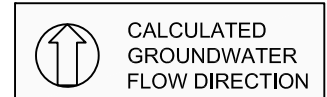
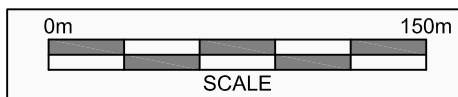
CLIENT NAME
**THE GREAT-WEST LIFE ASSURANCE
 COMPANY**

PROJECT LOCATION
**320 MCRAE AVENUE, 1976 SCOTT
 STREET, AND 311 AND 315
 TWEEDSMUIR AVENUE, OTTAWA,
 ONTARIO**

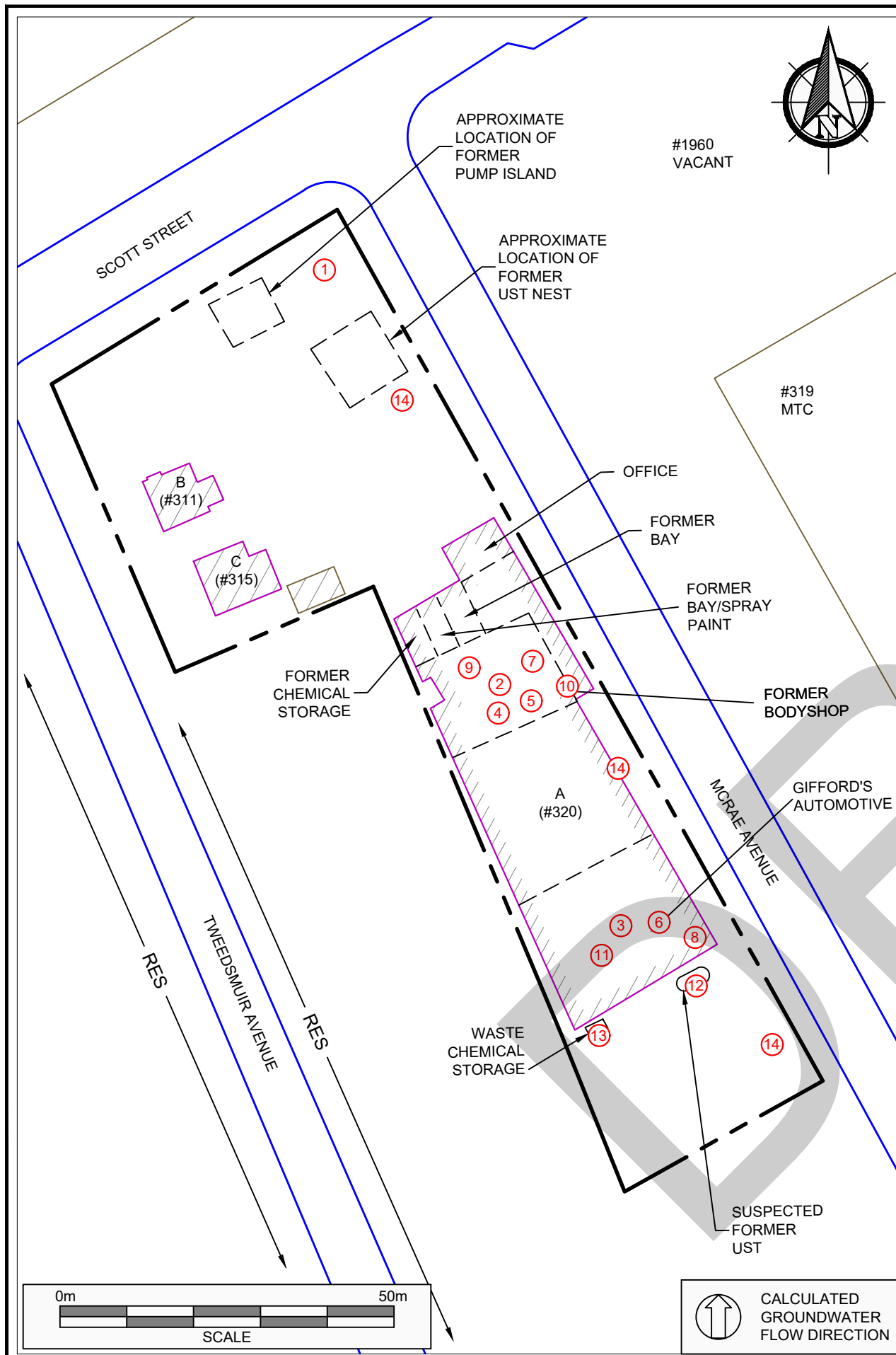
FIGURE NAME
PHASE ONE STUDY AREA

SCALE	PROJECT NO.
AS SHOWN	230236.005

DATE	FIGURE NO.
FEB. 2020	3



APPROXIMATE
 LOCATION OF
 UST NEST



PCA Designation	Location of Potentially Contaminating Activity	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Contributing to an APEC at the Site (Yes/No)	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
PCA-1	A retail fuel outlet (RFO) was present on the northeast portion of the Phase One Property from at least 1965 until 2002.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	Yes	Soil and Groundwater
PCA-2	An automotive repair/servicing operation has been present within the north tenant space in Site Building A since approximately 1952.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-Site	Yes	Soil and Groundwater
PCA-3	An automotive repair/servicing operation has been present within the south tenant space in Site Building A since approximately 1968.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-Site	Yes	Soil and Groundwater
PCA-4	Auto Re-Bex, the automotive repair/servicing operation within the north portion of the Site Building, was also registered as an auto wrecking facility.	Item 49 - Salvage Yard, including Automobile Wrecking	On-Site	Yes	Soil and Groundwater
PCA-5	Two former 1,100-L single-walled steel aboveground storage tanks (ASTs) containing new oil that were observed by Pinchin within the north tenant space in Site Building A in 2018 (i.e., former Auto Re-Bex tenant space).	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	Yes	Soil
PCA-6	One 1,008-L single-walled steel ASTs containing new oil that is located within the south tenant space in Site Building A (i.e., Gifford's Automotive).	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	Yes	Soil
PCA-7	One 910-L single-walled steel AST containing waste oil that is located within the north tenant space in Site Building A (i.e., former Auto Re-Bex tenant space), and was also observed to be present in this area in 2018.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	Yes	Soil
PCA-8	One 910-L single-walled steel AST containing waste oil that is located within the south tenant space in Site Building A (i.e., Gifford's Automotive), and was also observed to be present in this area in 2018.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	Yes	Soil
PCA-9	The north portion of Site Building A was formerly occupied by a commercial auto body shop (i.e., Willy's Body Shop).	Item 10 - Commercial Autobody Shops	On-Site	Yes	Soil
PCA-10	An oil/water separator has been present within the north tenant space in Site Building A (i.e., former Auto Re-Bex space) for at least 40 years.	Other - Miscellaneous	On-Site	Yes	Soil and Groundwater
PCA-11	An oil/water separator has been present within the south tenant space in Site Building A (i.e., Gifford's Automotive) for at least 40 years.	Other - Miscellaneous	On-Site	Yes	Soil and Groundwater
PCA-12	An area of depressed concrete, indicative of a potential UST, was evident adjacent to the south elevation of Site Building A in 2018.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	Yes	Soil and Groundwater
PCA-13	An area of waste liquid chemical storage (i.e., waste antifreeze and other unknown automotive fluids) was observed adjacent to the southwest corner of Site Building in 2018 and 2020.	Other - Hazardous Waste Generation	On-Site	Yes	Soil
PCA-14	Former landfilling/waste disposal observed to be present on-site in a 1928 aerial photograph.	Item 58 - Waste Disposal and Waste Management, including Thermal Treatment, Landfilling and Transfer of Waste, Other Than Use of Biosolids as Soil Conditioners	On-Site	Yes	Soil

LEGEND

- PHASE ONE PROPERTY BOUNDARY
- RES RESIDENTIAL
- APEC AREA OF ENVIRONMENTAL CONCERN
- PCA POTENTIALLY CONTAMINATING ACTIVITY
- MTC MULTI-TENANT COMMERCIAL
- UST UNDERGROUND STORAGE TANK
- Ⓝ PCA CONTRIBUTES TO AN APEC
- Ⓞ PCA DOES NOT CONTRIBUTE TO AN APEC



PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
THE GREAT-WEST LIFE ASSURANCE COMPANY

PROJECT LOCATION
320 MCRAE AVENUE, 1976 SCOTT STREET, AND 311 AND 315 TWEEDSMUIR AVENUE, OTTAWA, ONTARIO

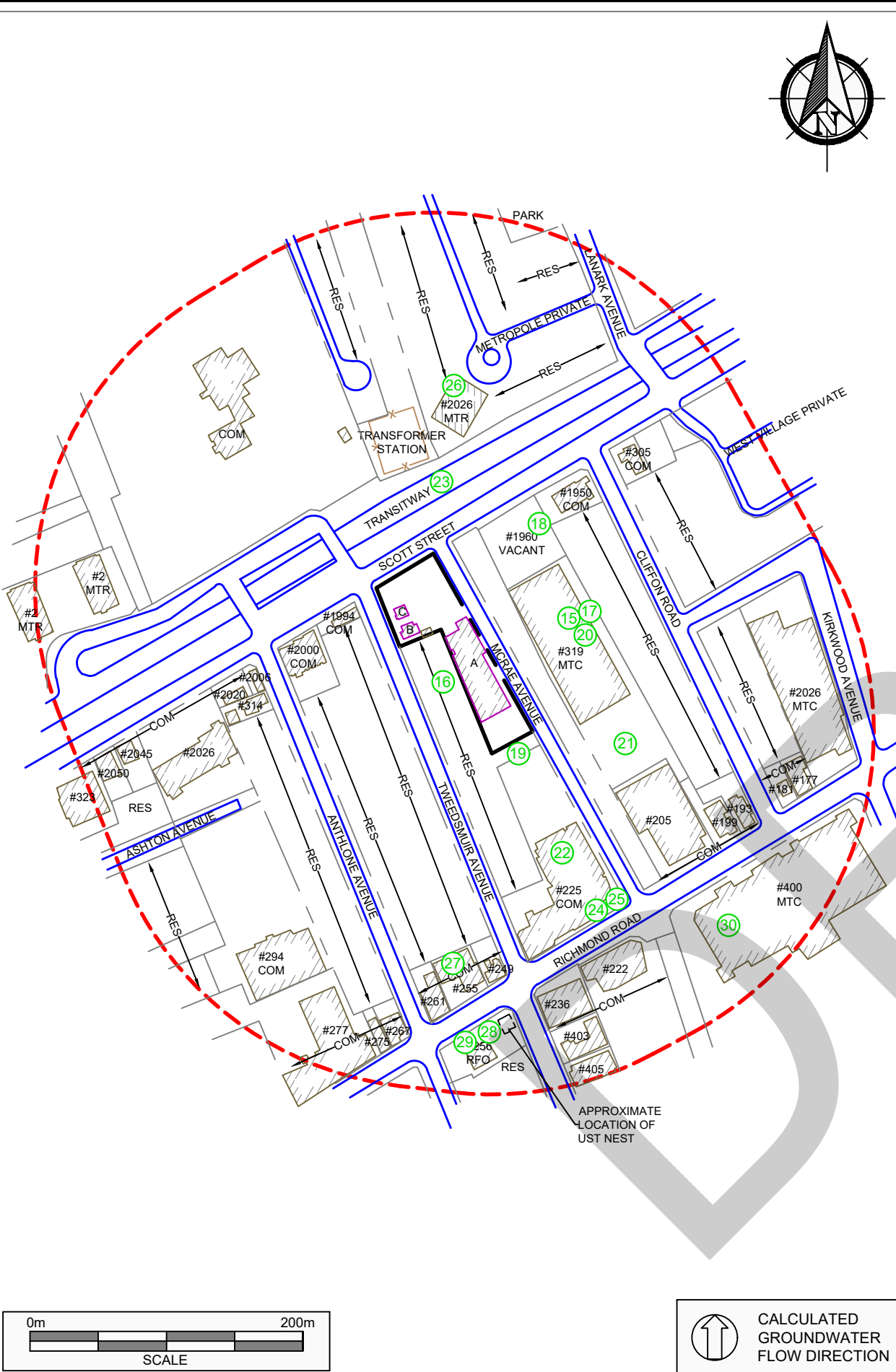
FIGURE NAME
POTENTIALLY CONTAMINATING ACTIVITIES - ONSITE

SCALE
AS SHOWN

PROJECT NO.
230236.005

DATE
FEB. 2020

FIGURE NO.
4

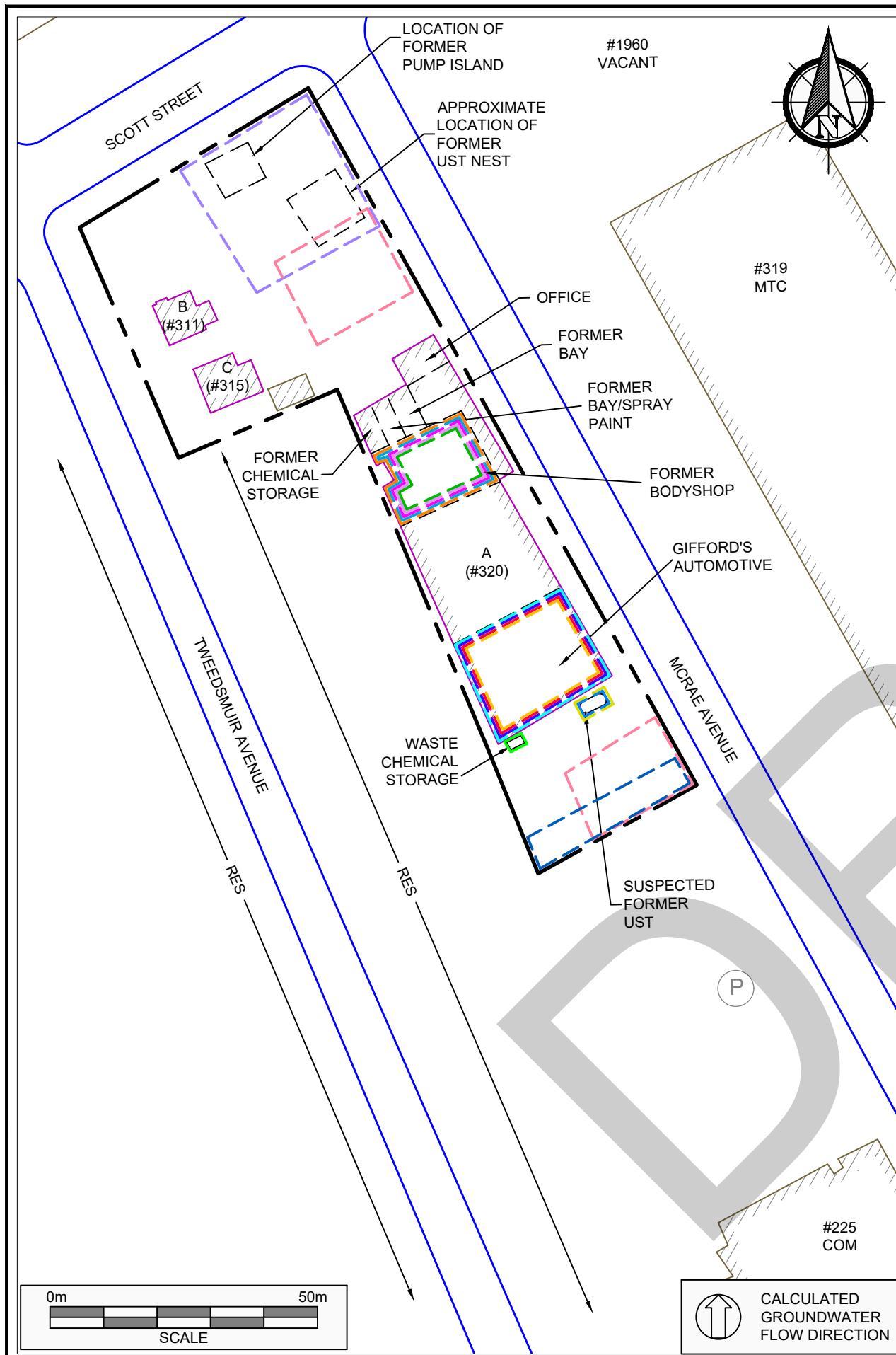


PCA Designation	Location of Potentially Contaminating Activity	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Contributing to an APEC at the Site (Yes/No)	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
PCA-15	Former industrial operations with exterior storage areas located east of the Phase One Property from approximately 1958 until 1976, as observed on aerial photographs.	Other - Industrial Operations	Off-Site	Yes	Groundwater
PCA-16	Spill of furnace oil (a "small leak") at private residence at 325 Tweedsmuir Avenue.	Other - Spill	Off-Site	No	Groundwater
PCA-17	Spill of hydraulic oil (approximately 375-L) to gravel at construction site at 319 McRae Ave, a surrounding property located east of the Phase One Property	Other - Spill	Off-Site	No	Groundwater
PCA-18	Gervais Motors Ltd., an automotive repair/servicing operation, that was located at 1960 Scott Street from 1984 until 1998.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	No	Groundwater
PCA-19	Fuel UST evident south of the Phase One Property in the 1948 Fire Insurance Plan (FIP).	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	Yes	Groundwater
PCA-20	Former commercial autobody shop located east of the Phase One Property on a 1984 Property Underwriters' Plan (PUP).	Item 10 - Commercial Autobody Shops	Off-Site	No	Groundwater
PCA-21	Leak of heating oil from a UST (approximately 50-L) at 359 McRae Avenue.	Other - Spill	Off-Site	No	Groundwater
PCA-22	Otto's Subaru or Otto's Service Centre Ltd., an automotive repair/servicing operation, has been located south of the Phase One Property since the late 1980s.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	Yes	Groundwater
PCA-23	A railway line formerly located northwest of the Phase One Property from at least 1922 until 1984, and a rail yard that was located north-northeast of the Phase One Property from at least 1922 until 1965.	Item 46 - Rail Yards, Tracks and Spurs	Off-Site	No	Groundwater
PCA-24	RFO located at 225 Richmond Road from at least 1956 until 1976.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	No	Groundwater
PCA-25	Automotive repair/servicing operation located at 225 Richmond Road from at least 1948 until 1956.	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	No	Groundwater
PCA-26	Fuel UST evident within the rail yard (PCA-20) in the 1948 FIP.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	No	Groundwater
PCA-27	RFO located at 255 Richmond Road in 1948.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	No	Groundwater
PCA-28	RFO located at 236 Richmond Road from at least 1995 until 2001.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	No	Groundwater
PCA-29	RFO located at 256 Richmond Road from at least 1974 until 2009.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	No	Groundwater
PCA-30	Grain Printers, a large-scale printing operation, was located at 190 Richmond Road from 1940s until 1988.	Item 31 - Ink Manufacturing, Processing and Bulk Storage	Off-Site	No	Groundwater
PCA-31	Various off-Site pole and pad-mounted oil-cooled transformers observed within Phase One Property Area.	Item 55 - Transformer Manufacturing, Processing and Use	Off-Site	No	Soil

- LEGEND**
- PHASE ONE PROPERTY BOUNDARY
 - PHASE ONE STUDY AREA BOUNDARY
 - COM COMMERCIAL
 - MTC MULTI-TENANT COMMERCIAL
 - MTR MULTI-TENANT RESIDENTIAL
 - RES RESIDENTIAL
 - RFO RETAIL FUEL OUTLET
 - UST UNDERGROUND STORAGE TANK
 - APEC AREA OF ENVIRONMENTAL CONCERN
 - PCA POTENTIALLY CONTAMINATING ACTIVITY
 - PCA CONTRIBUTES TO AN APEC
 - PCA DOES NOT CONTRIBUTE TO AN APEC



PROJECT NAME PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	
CLIENT NAME THE GREAT-WEST LIFE ASSURANCE COMPANY	
PROJECT LOCATION 320 MCRAE AVENUE, 1976 SCOTT STREET, AND 311 AND 315 TWEEDSMUIR AVENUE, OTTAWA, ONTARIO	
FIGURE NAME POTENTIALLY CONTAMINATING ACTIVITIES - OFFSITE	
SCALE AS SHOWN	PROJECT NO. 230236.005
DATE FEB. 2020	FIGURE NO. 5



Area of Potential Environmental Concern ¹	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity ²	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Impacted or Potentially Impacted (Ground Water, Soil and/or Sediment)
APEC-1 (Historical retail fuel outlet (RFO) located on-Site from at least 1965 until 2002)	Northeast portion of the Phase One Property.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater
APEC-2 (Automotive repair/servicing operation located on-Site from approximately 1962 until early 2020)	North tenant space in Site Building A	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-Site	PHCs BTEX PAHs VOCs	Soil and Groundwater
APEC-3 (Automotive repair/servicing operation located on-Site since 1968)	South tenant space in Site Building A	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-Site	PHCs BTEX PAHs VOCs	Soil and Groundwater
APEC-4 (Auto Re-Bex, an automotive repair/servicing operation formerly located on-Site, was also registered as an auto wrecking facility)	North tenant space in Site Building A	Item 10 - Commercial Autobody Shops	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater
APEC-5 (Two former 1,100-L single-walled steel aboveground storage tanks (ASTs) containing new oil that were observed by Pinchin in 2018)	Along the west wall of the north tenant space in Site Building A (i.e., former Auto Re-Bex tenant space)	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs	Soil
APEC-6 (One former 1,008-L single-walled steel AST containing new oil that was observed by Pinchin in 2018 and 2020)	Along the north wall of the south tenant space in Site Building A (i.e., Gifford's Automotive)	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs	Soil
APEC-7 (One 910-L single-walled steel AST containing waste oil that was observed on-Site by Pinchin in 2018 and 2020)	Along the south wall of the north tenant space in Site Building A (i.e., former Auto Re-Bex tenant space)	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs	Soil
APEC-8 (One 910-L single-walled steel AST containing waste oil that was observed on-Site by Pinchin in 2018 and 2020)	Along the south wall of the south tenant space in Site Building A (i.e., Gifford's Automotive)	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs	Soil
APEC-9 (Former on-Site commercial autobody shop)	Within the north tenant space in Site Building A (i.e., former Auto Re-Bex tenant space)	Item 10 - Commercial Autobody Shops	On-Site	PHCs BTEX PAHs VOCs Metals	Soil
APEC-10 (Oil/water separator located on-Site for at least 40 years)	Within the north tenant space in Site Building A (i.e., former Auto Re-Bex tenant space)	Item - Other	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater
APEC-11 (Oil/water separator located on-Site for at least 40 years)	Within the south tenant space in Site Building A (i.e., Gifford's Automotive)	Item - Other	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater
APEC-12 (Area of depressed concrete, potentially indicating a former UST area)	Adjacent to the south elevation of Site Building A, on the Site exterior.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater
APEC-13 (Area of waste liquid chemical storage (i.e., waste antifreeze and other unknown automotive fluids) observed on-Site in 2018 and 2020)	Adjacent to the southwest corner of Site Building A, on the Site exterior.	Item - Other	On-Site	PHCs BTEX PAHs VOCs Metals	Soil
APEC-14 (Former landfill/waste disposal observed to be present on-Site in a 1928 aerial photograph)	Primarily on the southeast, east and northeast portions of the Phase One Property.	Item 58 - Waste Disposal and Waste Management, including Thermal Treatment, Landfilling and Transfer of Waste, Other Than Use of Biosolids as Soil Conditioners	On-Site	PHCs BTEX PAHs VOCs Metals	Soil and Groundwater
APEC-15 (Former industrial operations with exterior storage areas located east of the Phase One Property from approximately 1958 until 1976, as observed on aerial photographs)	Approximately 15 m east of the Phase One Property	Item - Other	Off-Site	PHCs BTEX PAHs VOCs Metals	Groundwater
APEC-16 (Fuel UST evident south of the Phase One Property in the 1948 Fire Insurance Plan (FIP))	Approximately 20 m south of the Phase One Property	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	PHCs BTEX PAHs VOCs Metals	Groundwater
APEC-17 (Otto's Subaru or Otto's Service Centre Ltd., an automotive repair/servicing operation, has been located south of the Phase One Property since the late 1980s)	Approximately 75 m south of the Phase One Property	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Off-Site	PHCs BTEX PAHs VOCs Metals	Groundwater

LEGEND

- PHASE ONE PROPERTY BOUNDARY
- MTC MULTI-TENANT COMMERCIAL
- UST UNDERGROUND STORAGE TANK
- APEC AREA OF ENVIRONMENTAL CONCERN
- APEC1
- APEC2
- APEC3
- APEC4
- APEC5
- APEC6
- APEC7
- APEC8
- APEC9
- APEC10
- APEC11
- APEC12
- APEC13
- APEC14
- APEC15
- APEC16
- APEC17



PROJECT NAME
PHASE ONE ENVIRONMENTAL
SITE ASSESSMENT

CLIENT NAME
THE GREAT-WEST LIFE ASSURANCE
COMPANY

PROJECT LOCATION
320 MCRAE AVENUE, 1976 SCOTT
STREET, AND 311 AND 315
TWEEDSMUIR AVENUE, OTTAWA,
ONTARIO

FIGURE NAME
AREAS OF POTENTIAL
ENVIRONMENTAL CONCERN

SCALE
AS SHOWN

PROJECT NO.
230236.005

DATE
FEB. 2020

FIGURE NO.
6

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APPENDIX C
Photographs



Photo 1 – Site Building A (north elevation).



Photo 2 – Site Building A (south elevation).



Photo 3 – Site Building A (east elevation).



Photo 4 – View of Site Building B from Tweedsmuir Avenue.



Photo 5 – View of Site Building C from Tweedsmuir Avenue.



Photo 6 – Location of former on-Site RFO (northeast portion of the Phase One Property).



Photo 7 – Former automotive repair/servicing operation (i.e., Auto Re-Bex) within the north portion of Site Building A.



Photo 8 – Single-stage oil/water separator located within the former automotive repair/servicing facility (i.e., Auto Re-Bex).



Photo 9 – A 910-L waste oil AST located along the south wall of the tenant space formerly occupied by Auto Re-Bex.



Photo 10 – Former flammable liquid storage area within the northwest portion of Site Building A.



Photo 11 – Former spray painting area within the north-northwest portion of Site Building A.

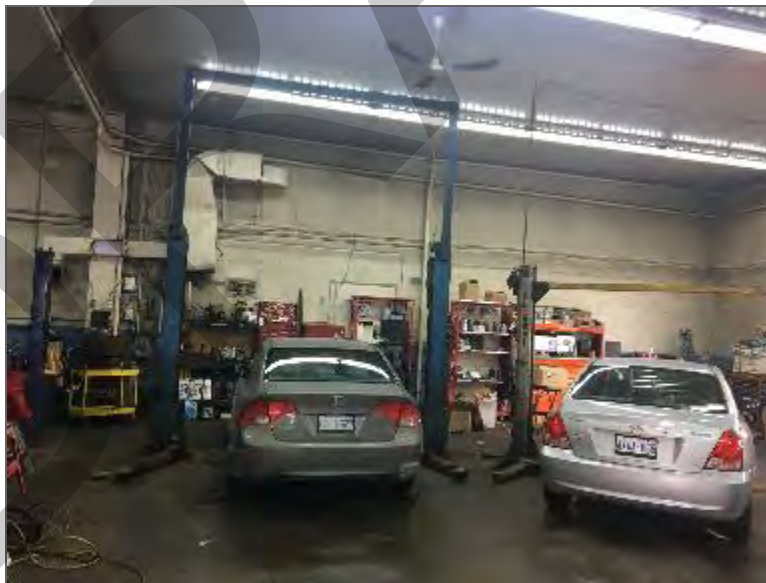


Photo 12 – Automotive repair/servicing operation (i.e., Gifford's Automotive) within the south portion of Site Building A.



Photo 13 – A 1,008-L new oil AST located along the north wall of the tenant space occupied by Gifford's Automotive.



Photo 14 – A 910-L waste oil AST located along the south wall of the tenant space occupied by Gifford's Automotive.

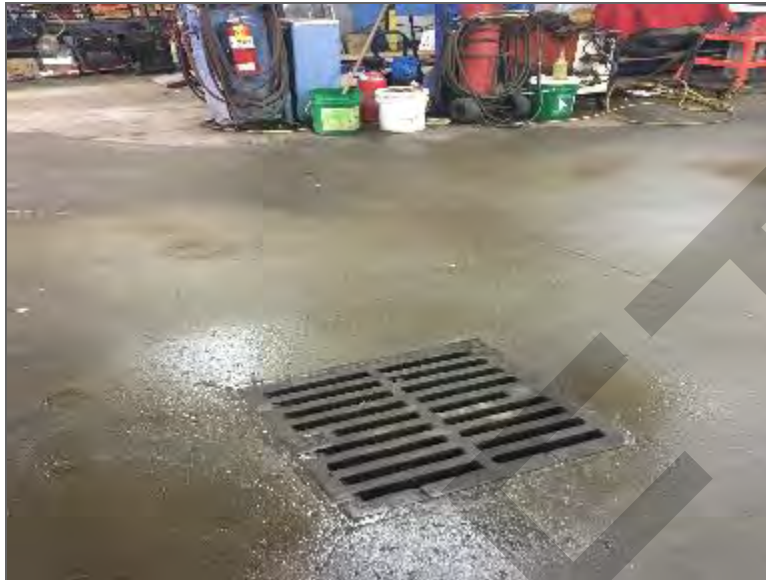


Photo 15 – Single-stage oil/water separator located within the operating automotive repair/servicing operation (i.e., Gifford's Automotive).



Photo 16 – Exterior waste chemical storage area associated with the operating automotive repair/servicing operation (i.e., Gifford's Automotive).

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APPENDIX D
Survey Plan

TOPOGRAPHIC PLAN OF SURVEY

**LOTS 12 TO 19
REGISTERED PLAN 273
AND
LOTS 23, 24 AND 25
REGISTERED PLAN 263
CITY OF OTTAWA**



METRIC CONVERSION

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

GRID SCALE CONVERSION

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.99994.

BEARING NOTE

BEARINGS ARE ASTRONOMIC AND ARE REFERRED TO THE WESTERLY LIMIT OF MCRAE AVENUE AS SHOWN ON A PLAN BY SG DATED SEPT. 29/08 HAVING A BEARING OF N29°37'40"W.

ELEVATION NOTE

ELEVATIONS SHOWN HEREON ARE GEODETIC (CGVD-1928:1978) AND ARE DERIVED FROM THE CITY OF OTTAWA VERTICAL CONTROL MONUMENT NO. N-2 (INDEX NO. 98) HAVING AN ELEVATION OF 68.260 m.

SITE BENCHMARK AS SHOWN ON THE FACE OF THE PLAN.

UTILITY NOTE

THIS DRAWING CAN NOT BE ACCEPTED AS ACKNOWLEDGING ALL OF THE UTILITIES AND IT WILL BE THE RESPONSIBILITY OF THE USER TO CONTACT THE RESPECTIVE UTILITY AUTHORITIES FOR CONFIRMATION.

ONLY VISIBLE SURFACE UTILITIES WERE LOCATED.

A FIELD LOCATION OF UNDERGROUND PLANT BY THE PERTINENT UTILITY AUTHORITY IS MANDATORY BEFORE ANY WORK INVOLVING BREAKING GROUND, PROBING, EXCAVATING, ETC.

LEGEND

■	DENOTES	●	FOUND MONUMENTS
□	SET MONUMENTS	○	IRON BAR
▣	ROUND IRON BAR	○	STANDARD IRON BAR
▤	STANDARD IRON BAR	○	SHORT STANDARD IRON BAR
▥	CUT CROSS	○	CUT CROSS
▦	CONCRETE PIN	○	CONCRETE PIN
▧	BENCHMARK	○	BENCHMARK
▨	CONCRETE MONUMENT	○	CONCRETE MONUMENT
▩	HORIZONTAL CONTROL MONUMENT	○	HORIZONTAL CONTROL MONUMENT
▪	NAIL AND WASHER	○	NAIL AND WASHER
▫	PK NAIL	○	PK NAIL
▬	VERTICAL CONTROL MONUMENT	○	VERTICAL CONTROL MONUMENT
▭	WITNESS	○	WITNESS
▮	PROPERTY IDENTIFICATION NUMBER	○	PROPERTY IDENTIFICATION NUMBER
▯	MEASURED	○	MEASURED
▰	PROPORTIONED	○	PROPORTIONED
▱	ORIGIN UNKNOWN	○	ORIGIN UNKNOWN
▲	STANTEC GEOMATICS LTD.	○	REGISTERED PLAN 263
△	REGISTERED PLAN 263	○	REGISTERED PLAN 273
▴	PLAN 48-24965	○	PLAN BY SG DATED SEPT. 29/08
▵	PLAN BY SG DATED SEPT. 29/08	○	PLAN BY 990 DATED MAY 27/66
▾	PLAN BY 990 DATED MAY 27/66	○	PLAN BY 1236 REFERENCE 00-1105
▿	PLAN BY 1236 REFERENCE 00-1105	○	PLAN BY 647 DATED MAR. 11/83
◀	PLAN BY 647 DATED MAR. 11/83	○	PLAN BY 1475 DATED JUNE 23/14
▶	PLAN BY 1475 DATED JUNE 23/14	○	MONITORING WELL
◁	MONITORING WELL	○	SITE VEHICULAR ENTRANCE
▷	SITE VEHICULAR ENTRANCE	○	DEPRESSED CURB
◂	DEPRESSED CURB	○	

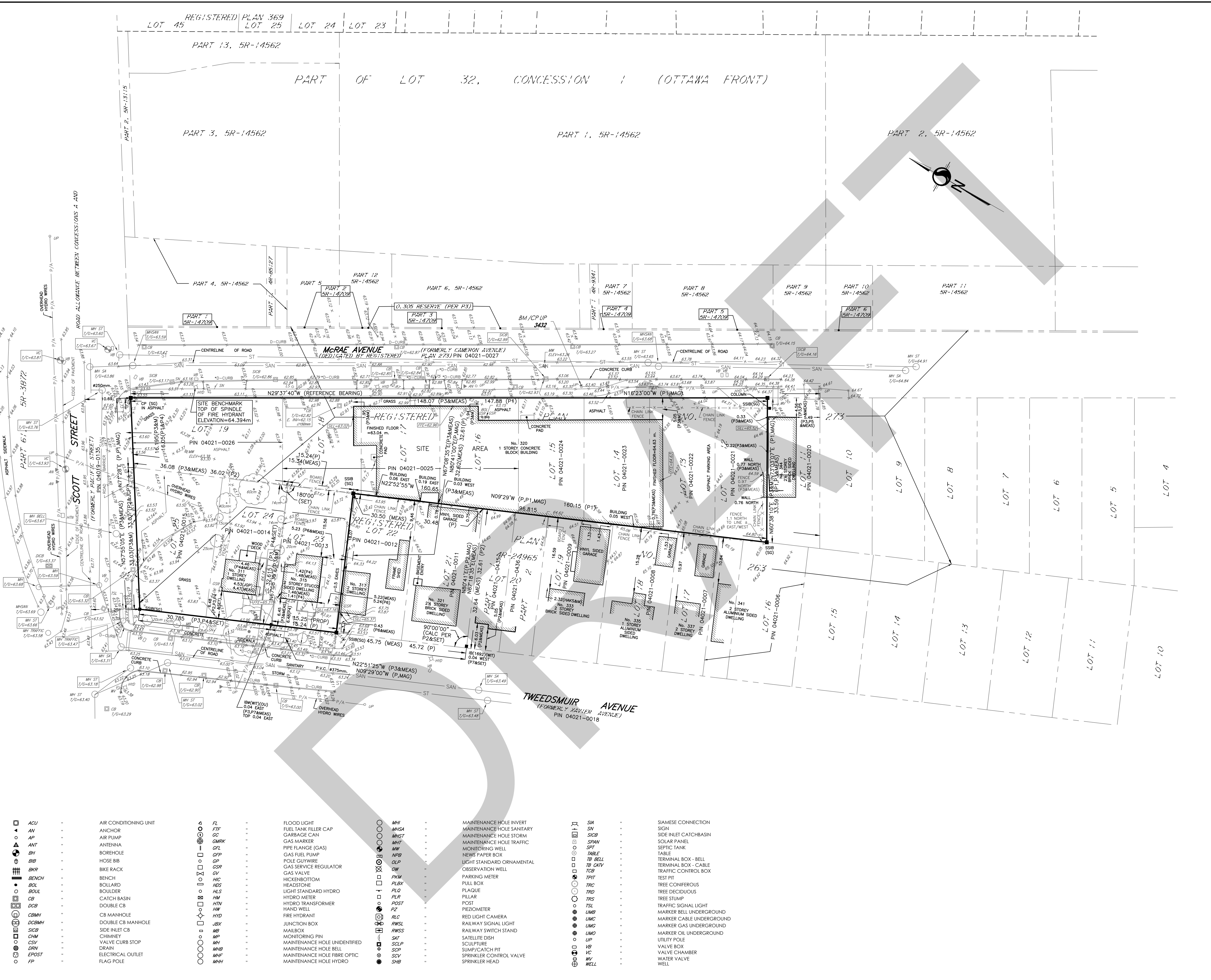
SURVEYOR'S CERTIFICATE

I CERTIFY THAT:
1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT. THE SURVEYORS ACT AND THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.
THE SURVEY WAS COMPLETED ON THE 3rd. DAY OF MAY, 2019.

DATE _____ BRIAN J. WEBSTER
ONTARIO LAND SURVEYOR

PART OF LOT 32, CONCESSION 4 (OTTAWA FRONT) NEPEAN

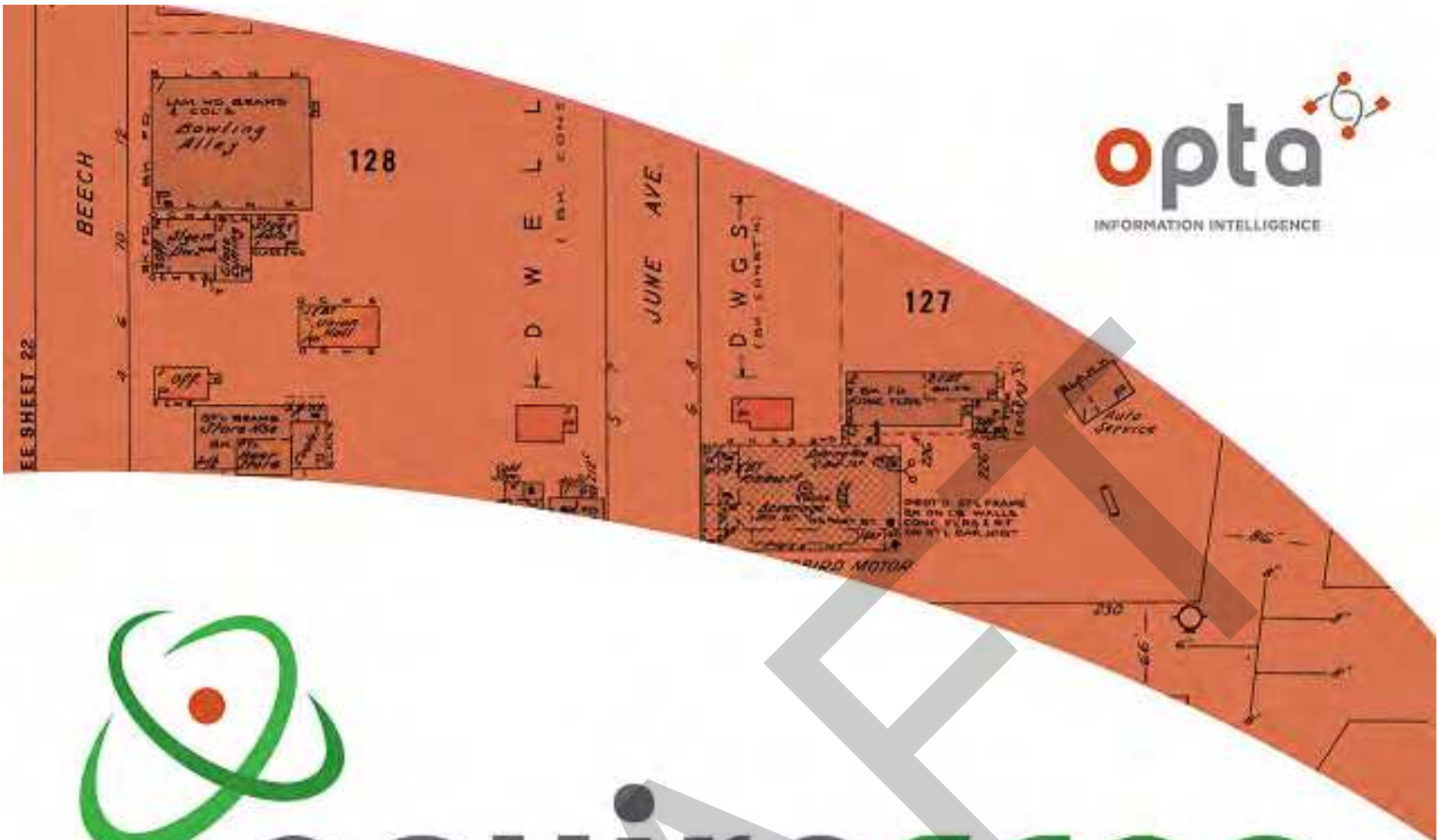
1:161614033-111, part0001_001.dwg, 2019-05-23 10:00:00, 1:161614033-111, add001, Rev. 03, 03-05-2019



□	ACU	AIR CONDITIONING UNIT	○	FZ	FLOOD LIGHT	○	MH	MAINTENANCE HOLE INVERT	○	SM	SIAMASE CONNECTION
○	AN	ANCHOR	○	FTF	FUEL TANK FILLER CAP	○	MHSA	MAINTENANCE HOLE SANITARY	○	SN	SANITARY
○	AP	AIR PUMP	○	GC	GAS MARKER	○	MHST	MAINTENANCE HOLE STORM	○	SCB	SIDE INLET CATCHBASIN
○	ANT	ANTENNA	○	GMARK	GAS MARKER	○	MHT	MAINTENANCE HOLE TRAFFIC	○	SPAN	SOLAR PANEL
○	BH	BOREHOLE	○	GFL	PIPE FLANGE (GAS)	○	MW	MONITORING WELL	○	SPT	SEPTIC TANK
○	BB	HOSE BIB	○	GFP	GAS FUEL PUMP	○	NPB	NEWS PAPER BOX	○	TAB	TABLE
○	BKP	BIKE RACK	○	GSR	GAS SERVICE REGULATOR	○	OLP	LIGHT STANDARD ORNAMENTAL	○	TB BELL	TERMINAL BOX - BELL
○	BENCH	BENCH	○	GV	GAS VALVE	○	OW	OBSERVATION WELL	○	TB CATV	TERMINAL BOX - CATV
○	BOL	BOLLARD	○	HCS	HICKENBOTTOM	○	PM	PARKING METER	○	TRF	TRAFFIC CONTROL BOX
○	BOUL	BOULDER	○	HLS	HEADSTONE	○	PLB	PULL BOX	○	TRT	TEST PIT
○	CB	CATCH BASIN	○	HM	HYDRO METER	○	PLD	PLAQUE	○	TRC	TREE CONIFEROUS
○	CCB	DOUBLE CB	○	HTN	HYDRO TRANSFORMER	○	PLR	PLAQUE	○	TRD	TREE DECIDUOUS
○	CBMH	CB MANHOLE	○	HW	HAND WELL	○	POST	POST	○	TRS	TREE STUMP
○	DCB	DOUBLE CB MANHOLE	○	HYD	HYDRO	○	PZ	PIEZOMETER	○	TSL	TRAFFIC SIGNAL LIGHT
○	DCBMH	DOUBLE CB MANHOLE	○	JBX	JUNCTION BOX	○	RWC	RAILWAY SIGNAL LIGHT	○	UMB	MARKER BELL UNDERGROUND
○	SCB	SIDE INLET CB	○	MB	MAILBOX	○	RWSS	RAILWAY SWITCH STAND	○	UMC	MARKER CABLE UNDERGROUND
○	CHM	CHIMNEY	○	MP	MONITORING PIN	○	SAT	SATELLITE DISH	○	UMG	MARKER GAS UNDERGROUND
○	CSV	VALVE CURB STOP	○	MH	MAINTENANCE HOLE UNIDENTIFIED	○	SCLP	SCULPTURE	○	UMO	MARKER OIL UNDERGROUND
○	DRN	DRAIN	○	MHB	MAINTENANCE HOLE BELL	○	SCV	SPRINKLER CONTROL VALVE	○	UP	UTILITY POLE
○	EPOST	ELECTRICAL OUTLET	○	MHF	MAINTENANCE HOLE FIBRE OPTIC	○	SHB	SPRINKLER HEAD	○	VB	VALVE BOX
○	FP	FLAG POLE	○	MHH	MAINTENANCE HOLE HYDRO	○			○	VC	VALVE CHAMBER
			○			○			○	VV	WATER VALVE
			○			○			○	WELL	WELL

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APPENDIX E
Opta Records



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Sunita

Site Address:

320 Mcrare Ave 1976 Scott St 311 315 Tweedsmuir Ave Ottawa

Project No:

20181002086

Opta Order ID:

53916

Requested By:

Eleanor Goolab
ERIS

Date Completed:

10/10/2018 10:10:16 AM



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



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Opta Historical Environmental Services Enviroscan TM Terms and Conditions

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Entire Agreement

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

Governing Document

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

Law

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

Page	Report Title
6	(1948) Volume: Ottawa Firemap: 308
8	(1948) Volume: Ottawa Firemap: 309
10	(1948) Volume: Ottawa Firemap: 310
11	(1994) COPE Report - 1994 CARSONS BODY REPAIRS LTD 320 MCRAE AV OTTAWA ON K1Z 5R8 Reference No: 10445639 (distance = 70 metres*)
14	(1984) Inspection Report - 1984 CARSONS RADIATOR SERVICES LTD. 320 mcrae Ottawa ON ak1z5n (distance = 0 metres*)
22	(1984) Siteplan Report - 1984 CARSONS RADIATOR SERVICES LTD. 320 mcrae Ottawa ON ak1z5n (distance = 0 metres*)

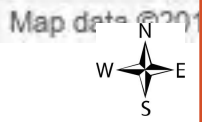
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FIP Locator Map
The detailed FIP is on the following page



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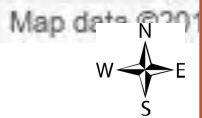




FIP Locator Map
The detailed FIP is on the following page



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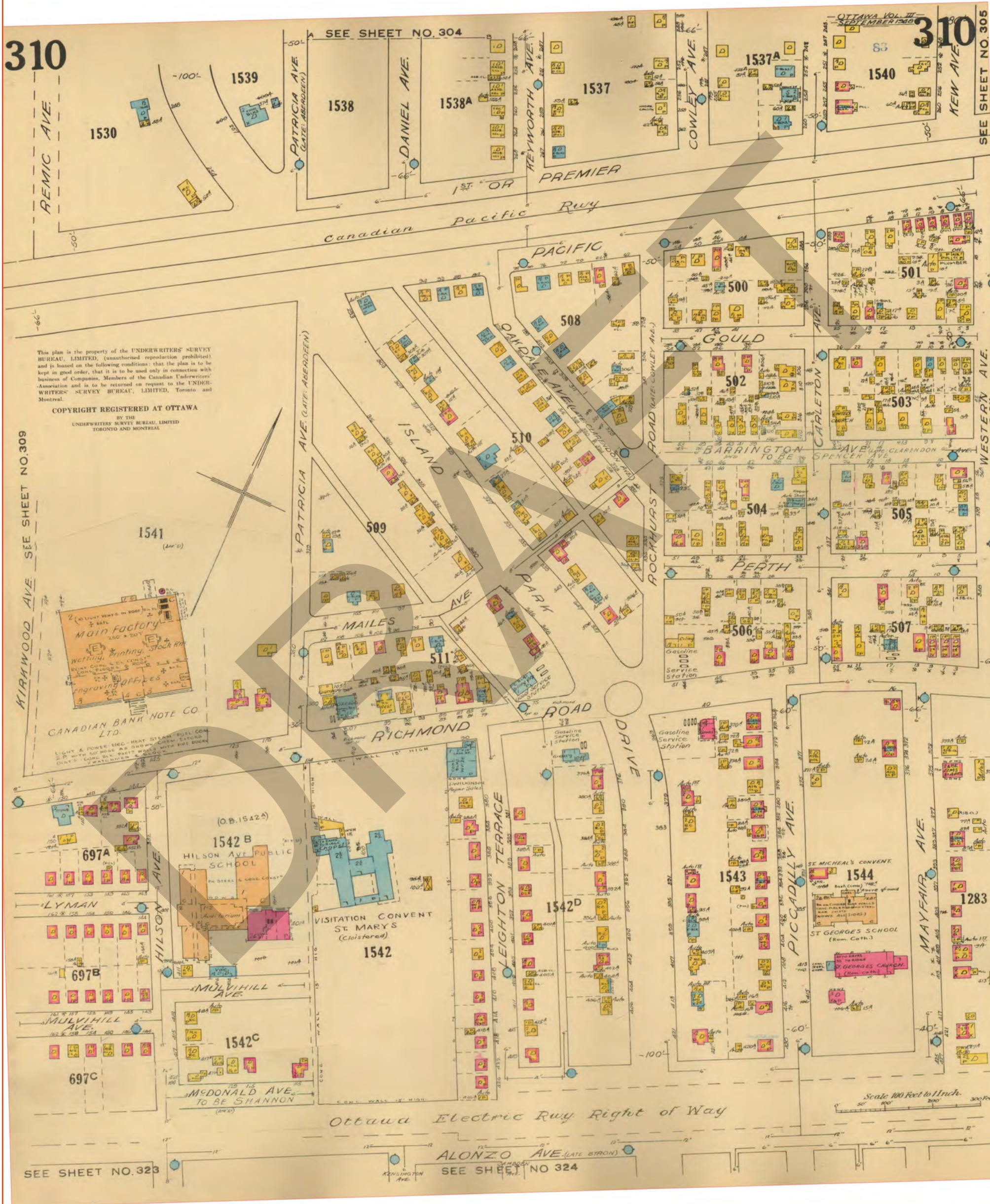
FIP Locator Map
The detailed FIP is on the following page



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Map data © 2017





Project Name: 320 McRae Ave
1976 Scott Street 311 315
Tweensmuir Avenue Ottawa
Ontario
Project #: 20181002086
P.O. #: 230236

COPE Report - 1994 CARSONS BODY REPAIRS LTD
320 MCRAE AV OTTAWA ON K1Z 5R8 Reference
No: 10445639

Requested by:
Eleanor Goolab

Date Completed: 10/10/2018 10:10:16



OPTA INFORMATION INTELLIGENCE

AIS Ref No.: 10445639

INSURERS' ADVISORY ORGANIZATION
CONFIDENTIAL - FOR USE OF MEMBERS ONLY
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2009-Jun-17
22:14 [Wed]

1994

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COPE (Construction, Occupancy, Protection, Exposure) REPORT

Risk: CARSONS BODY REPAIRS LTD
320 MCRAE AV
OTTAWA ON
K1Z 5R8

Reference No. 10445639 / Building No. 01 ENTIRE BLDG

(Surveyed By G. CAMPBELL on 94.10.31)

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

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

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

----- CODING -----

Industry Code: 553 - Auto Paint and Body Shops - Tire Recapping, Retrea
Construction Code: 2 - Non-Combustible / Masonry Walls
Risk Classification: NS - Non-Sprinklered
Protection Code: 2 - Non-Sprinklered, Fully Protected, Gr 3
Combustibility M3

----- CONSTRUCTION -----

WALLS - MASONRY:
63% Concrete Block 203mm Thick C-2 Type: W-1
37% (CBBF) Concrete Block Br 303mm Thick C-2 Type: W-1

MASONRY and FIRE RESISTIVE FLOOR and ROOFS:
48% Concrete on Grade - Plan Hours: 3.00 Listed? N Type: D-1
12% Reinforced Concrete - To Hours: 3.00 Listed? N Type: D-1

NON-COMBUSTIBLE FLOORS and ROOFS:
36% Masonry Slabs (>=100mm/4 C-2

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AIS Ref No.: 10445639

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FLOORS & ROOFS - COMBUSTIBLE:
2% Wood Joists - Plancher C-2

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

HEIGHT:

Number of Storeys: 02
Basements: 0

Combustible Storeys Without Grade Access: 0

VERTICAL OPENINGS:

Stairs 1ST-2ND Comb.: 02 Const.: 3
Type: Open (V-4) 0 Hrs-Walls/ 0 Hrs-Doors

AREA:

Building Dimensions (m): 0 X 0 0 X 0 0 X 0

Grade: 1505 m2 Total: 1571 m2 Effective: 1571 m2

L1, L2 Area 0%

ROOF SURFACE:

100 % Approved

BUILDING CONDITION:

Good Type C--

Year Built: 1950 Air Conditioning: Central (011%)

COMMON HAZARDS: 7211A1 - Central Heat Boiler
7211A2 - Central Heat Warm Air Gas

----- PROTECTION -----

MUNICIPAL PROTECTION:

Distance from Hydrants: Standard Congested Area: No
Distance to Fire Hall: < 2.5 km Accessibility: Good
FUS Protection Class: 03
Revised Class: 03
IAO Protection Class: 03

INTERNAL PROTECTION:

MANUAL FIRE FIGHTING EQUIPMENT: Standard
None Extmet

----- EXPOSURE -----

NONE NOTED:

----- OCCUPANCY - CARSONS AUTO REPAIRS -----



Project Name: 320 McRae Ave
1976 Scott Street 311 315
Tweensmuir Avenue Ottawa
Ontario
Project #: 20181002086
P.O. #: 230236

COPE Report - 1994 CARSONS BODY REPAIRS LTD
320 MCRAE AV OTTAWA ON K1Z 5R8 Reference
No: 10445639

Requested by:
Eleanor Goolab

Date Completed: 10/10/2018 10:10:16



OPTA INFORMATION INTELLIGENCE

AIS Ref No.: 10445639

1994

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Industry Code: 5531 - Auto Paint and Body Shops - Tire Recapping, R

Occupancy: 5082D - AUTO BODY SHOP

Location: 320 Area: 1571 m2 100.0% of Total

Combustibility Code: 03 - Combustible

Susceptibility Code: 03 - Moderate Damage

Special Hazard: 7302C5D - FLAMM LIQ STGE
7302C6B2 - N/STD STGE FLAMM LIQS
7303C1B - SPRAY PAINTINGMM LIQS
7402B1 - N/STD RAG STGEMM LIQS

DRAFT

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Inspection Report - 1984 CARSONS RADIATOR SERVICES LTD. 320 mcrae Ottawa ON ak1z5n

DRAFT



INSURERS' ADVISORY ORGANIZATION
TORONTO

CONFIDENTIAL

INSPECTION REPORT

(0)

File No. MA 1669

Map Checked Yes Corr. No

Sh. 309-3 Bl. 588

Plan Attached

MFG. & SPECIAL HAZARDS DIVISION

NAME OF RISK: Carsons Radiator Service Limited (Carson Unsworth
- Building Owner) *nk*

LOCATION: 320-~~00~~ McRae Avenue, Ottawa, Ontario.

SURVEYED BY: C.H. Lafleur DATE: March 14, 1984

OCCUPANCY

1. (a) Auto body, spray painting, ~~radiator~~ and auto-truck frame repair garage.
- (b) Grading of risk in class: Average

CONSTRUCTION

2. (a) See Multiple Fire Section Sheet

HAZARDS

3. (a) Common Hazards: Safe - See Report Details
- (b) Special Hazards: Safe
- (c) Radio Active Material: None
- (d) High Piling: None
- (e) Housekeeping: Safe
- (f) Hazardous Material: Safe

(g) Exposures:

		Protection	
		Required	Provided
North	Light	No	No
South	Light	No	No
East	None	No	No
West	Light	No	No

(h) Activity: Moderate Hrs/Day 8 Days/Wk 5 *n/c*

(i) Maintenance Welding: No *n/c*

(j) Smoking Restricted: Yes *n/c*

(k) Electronic Data Processing Equipment: No

(l) Process Description:

There are ~~twenty-four~~ ⁵ four employees engaged in various duties to perform auto body, spray painting, radiator and auto-truck frame repairs. The work consists of replacing or repairing with welding auto body parts, straightening auto-truck frames and spray painting in a suitable booth.

PROTECTION

4. (a) Sprinklers:

(i) 0% Area Sprinklered

(b) Other

(i) Extinguishers: Standard

(ii) Standpipes and Hose: None

(iii) Watchman Service: None

(iv) Special Equipment and Apparatus: None

(c) Outside

(i) Hydrants: Public: Standard

Private: None

(ii) Fire Dept. Public: Paid Distance to Fire Hall 1.6 km (1 mile)

Private: No

(iii) Accessibility:

To Property: Good

Into Building: Good

5.

EXTENDED COVERAGE

(a) Windstorm: Unusual Hazards: No

(b) Lightning: Unusual Features: No

(c) Explosion: Unusual Features: No

(e) Riot, Vandalism, Malicious Acts:

Access restricted: No Guard Supervised: No Yards Lit: Yes

Remote from populated areas: No

6.

BUSINESS INTERRUPTION

(a) Seasonal: No ✓

(b) Operation: 8 Hrs/Day 5 Days/Wk. ✓

(c) Interdependency: No ✓

(d) Raw Materials Mainly: Domestic ✓

Stock on hand for: Several days ✓

Stock Replacement Time: 1-2 days ✓

(e) Computerized Programming: ~~No~~ YES, FRAME MACHINE ✓

(f) Single Train Production: No

(g) Vital Machinery Custom Made: ~~No~~ YES ✓

Replacement Time: 1-3 days, 1-2 MONTHS ✓

(h) Private Power Generation: No ✓

Alternative Power Source: No ✓

(i) Production Dependent on Pollution Control Equipment: No

(j) Other Important Features: No

BUSINESS INTERRUPTION DETAILS:

None.

7.

UNDESIRABLE FEATURES

Prominent: None apparent.

Other: None apparent.

8.

REPORT DETAILS

3(a) Common Hazards:

(i) Heating: Located in a separate fire resistive room. Entrance into the room from the plant is provided by a substantial metal self-closing door. The heating consist of a hot water boiler, labelled burner fuel supply is pumped by gravity from a labelled metal tank filled and vented outside the building. The boiler is vented to a masonry chimney.

*WAT
GTS*

(ii) Air Type: Central
Conditioning: Offices only - 10% ✓

(iii) Electrical: The electrical wiring is in rigid conduit and flexible armoured cable protected by circuit breakers. No transformers on the property.

3(b) Special Hazards:

(i) The auto spray painting room is constructed of concrete block walls, concrete ceiling and floor, two swinging metal doors inside the plant and one ceiling to floor metal sliding door to the outdoors. Suitable lighting and equipment is provided. A ventilation system is provided which exhausts the fumes through the roof to the outdoors. The intake ducts of the ventilation system is positioned 0.9m (3 ft.) from floor and equipped with dry filters.

(ii) Spray painting is also done in the radiator repair shop in an open faced all steel booth. A ventilation system is provided which exhausts the fumes to the outdoors, the intake ducts are equipped with dry filters. A blank primer paint is used to coat the radiators, the flash point of the material could not be determined but is believed to be above 37.8°C. (100°F.) and below 60°C. (140°F.).

3(b) (Cont'd)

- (iii) The radiators are dipped in a large metal tank filled with water and caustic soap, the tank is protected with a heavy gauge metal lid which automatically closes when the radiator is released into the solution.
- (iv) Soiled rags are deposited into labelled, metal, safety trash containers.

3(f) Hazardous Material: The quantity of flammable liquids kept while in use consists of one, 22.8 L (5 gallon) of "Inmount ER 59 Reducer" (F.P. 3.3°C. or 38°F.), and "Inmount PNT 62 Thinner" (F.P. 7.2°C. or 45°F.). The bulk supply of flammable liquids is kept in a separate fire resistive building located at the north-west corner, beside the spray painting shop. The day's supply is brought into the plant into labelled metal safety containers from the flammable liquids building. The bulk supply of flammable liquids consists of two, 204.8 L (45 gallon) of "Inmount ER 59 Reducer" and one, 204.8 L (45 gallon) of "Inmount PNT 62 Thinner" equipped with suitable hand pump equipment.

3(g) Exposures: There are no exposures within 36.6m (120 ft.) on the east and north sides of the risk.

The exposures on the south and west sides are of mixed construction, one, two and three storey buildings occupied as dwellings.

3(j) Smoking: "No Smoking" signs are conspicuously posted and appears to be rigidly enforced in the spray painting shops and near the flammable liquids building.

4(b)(i) Extinguishers: The standard supply of portable fire extinguishers consists of two, "20LB" CO₂, eight, "4A;60B,C", two, "6B,C" and two, "2A,20B,C" rated units.

4(c)(i) Hydrants: The municipal fire hydrant protection consists of two double port hydrants on a 150mm (6") water main, located 51.9m (170 ft.) and 85.4m (280 ft.) respectively to the nearest points of the building.

9. TENANTS: None.

MULTIPLE FIRE SECTION SHEET:

Amount of Risk Subject To One Fire: See Plan

Bldg. No. 1

% A.S. 0%

Occupancy: Auto body, spray painting, radiator, auto truck-frame repairs

Year of Construction 1950's, 1960's and 1970's

Height Sty. 2=5.5m (18 ft.), 1=3.7m (12 ft.), 1=6.1m (20 ft.),
1=3.1m (20 ft.)

Total Floor Area Total Area - 1571.3 sq. m (16,896 sq. ft.)
Grade Floor Area - 1504.9 sq. m (16,182 sq. ft.)

Walls: Independant, bearing and non-bearing 20.3cm (8") concrete block
Partitions - Concrete block

Finish (Walls - Open and plasterboard
(
(Ceiling - Open and metal lath and plaster

(Roof - 10.2cm (4") concrete on metal pan, 26% 12.7cm
(5") precast concrete and poured concrete and
67% 12.7cm (5") poured concrete on unprotected
steel columns.

Construction ((Floors - Grade - poured concrete; 2nd - 66.4 sq. m
(714 sq. ft.) wood joist 2.5cm (1")

Roof Covering: Tar and gravel

Supports: Independant bearing and non-bearing masonry walls with
protected and unprotected steel beams and columns supports

Protection of Vertical Openings: Open stairway from 1st and 2nd

Combustible Concealed Spaces: None

Smoke & Heat Venting: Adequate

*Fire Divisions: A

(*Letter denotes one fire division area)

MULTIPLE FIRE SECTION SHEET:

Amount of Risk Subject To One Fire: See Plan

Bldg. No. 2

% A.S. 0%

Occupancy: Flammable liquids storage building

Year of Construction 1970's

Height Sty. 1=2.9m (9 1/2 ft.)

Total Floor Area Total Area - 39.1 sq. m (420 sq. ft.)
Grade Floor Area - 39.1 sq. m (420 sq. ft.)

Walls: 20.3cm (8") concrete block, no separation walls

Finish (Walls - Open concrete blocks
(
(Ceiling - Bare concrete

Construction (Roof - Poured concrete
(
(Floors - Poured concrete

Roof Covering: Tar and gravel

Supports: Bearing walls

Combustible Concealed Spaces: None

Smoke & Heat Venting: Adequate

*Fire Divisions: B

(*Letter denotes one fire division area)

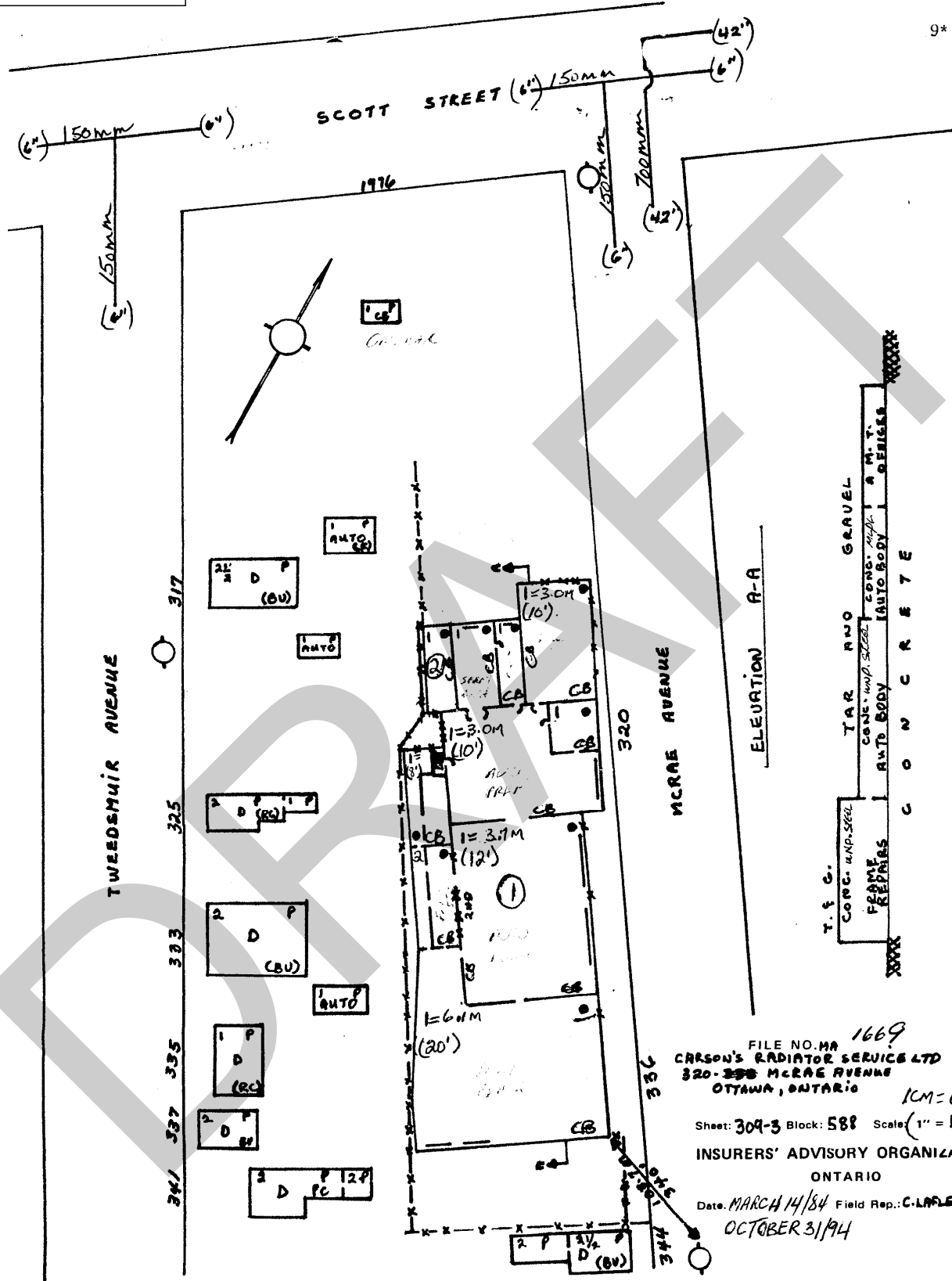
yc/4/4/84

Siteplan Report - 1984 CARSONS RADIATOR SERVICES LTD. 320 mcrae Ottawa ON ak1z5n

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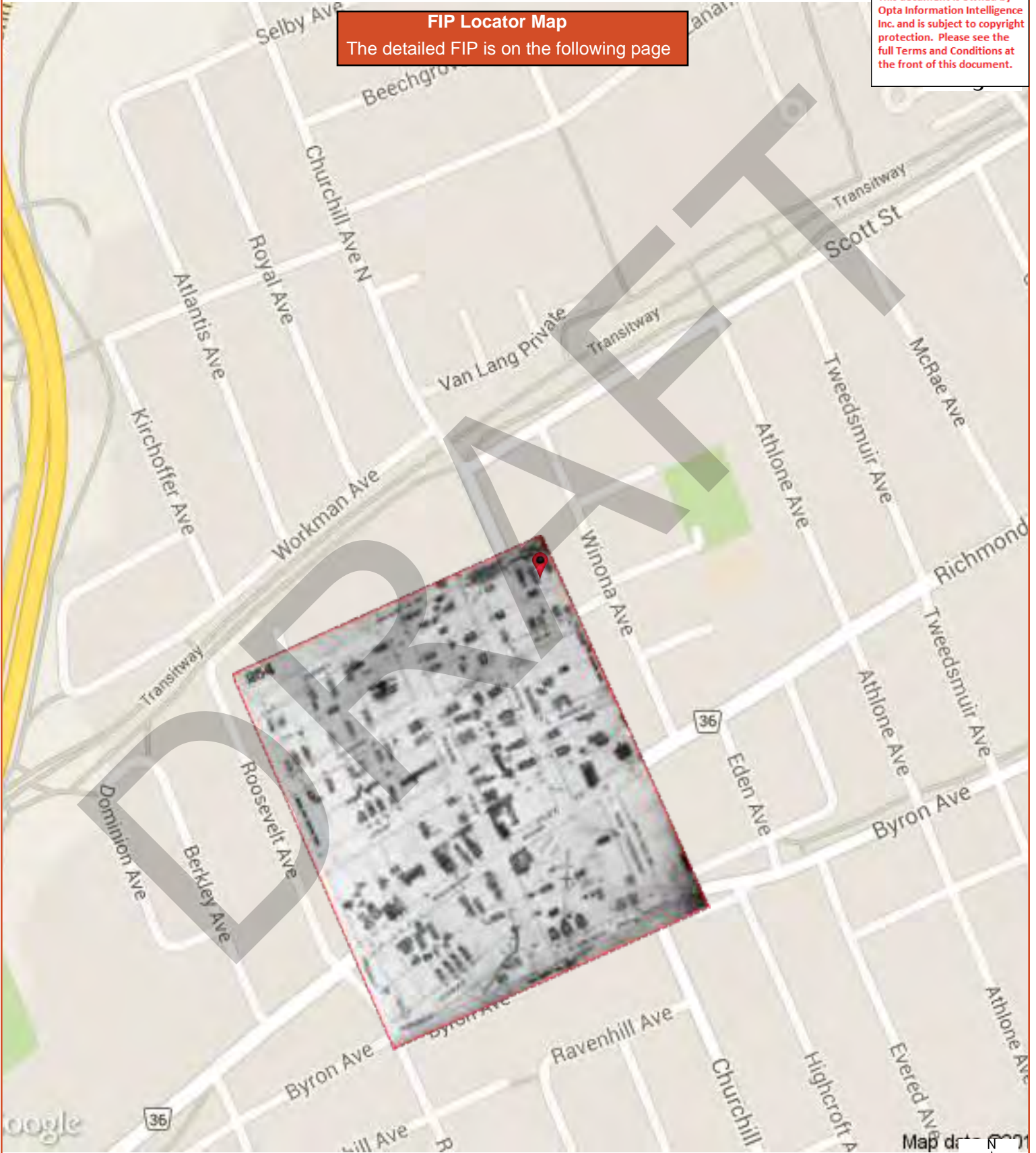


FILE NO. MA 1669
CARSON'S RADIATOR SERVICE LTD
320-344 MCRAE AVENUE
OTTAWA, ONTARIO
Scale: 1CM = 6M
Sheet: 309-3 Block: 588 Scale: (1" = 50')
INSURERS' ADVISORY ORGANIZATION
ONTARIO
Date: MARCH 14/84 Field Rep.: C. LADLER
OCTOBER 31/94

ELEVATION A-A
T. & G.
CONC. WIND-SEAL
FRAMING
REPAIRS
TAR AND GRAVEL
CONC. WIND-SEAL
AUTO BODY
AUTO BODY
AUTO BODY
AUTO BODY

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FIP Locator Map
The detailed FIP is on the following page



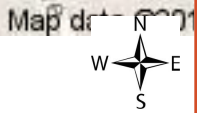


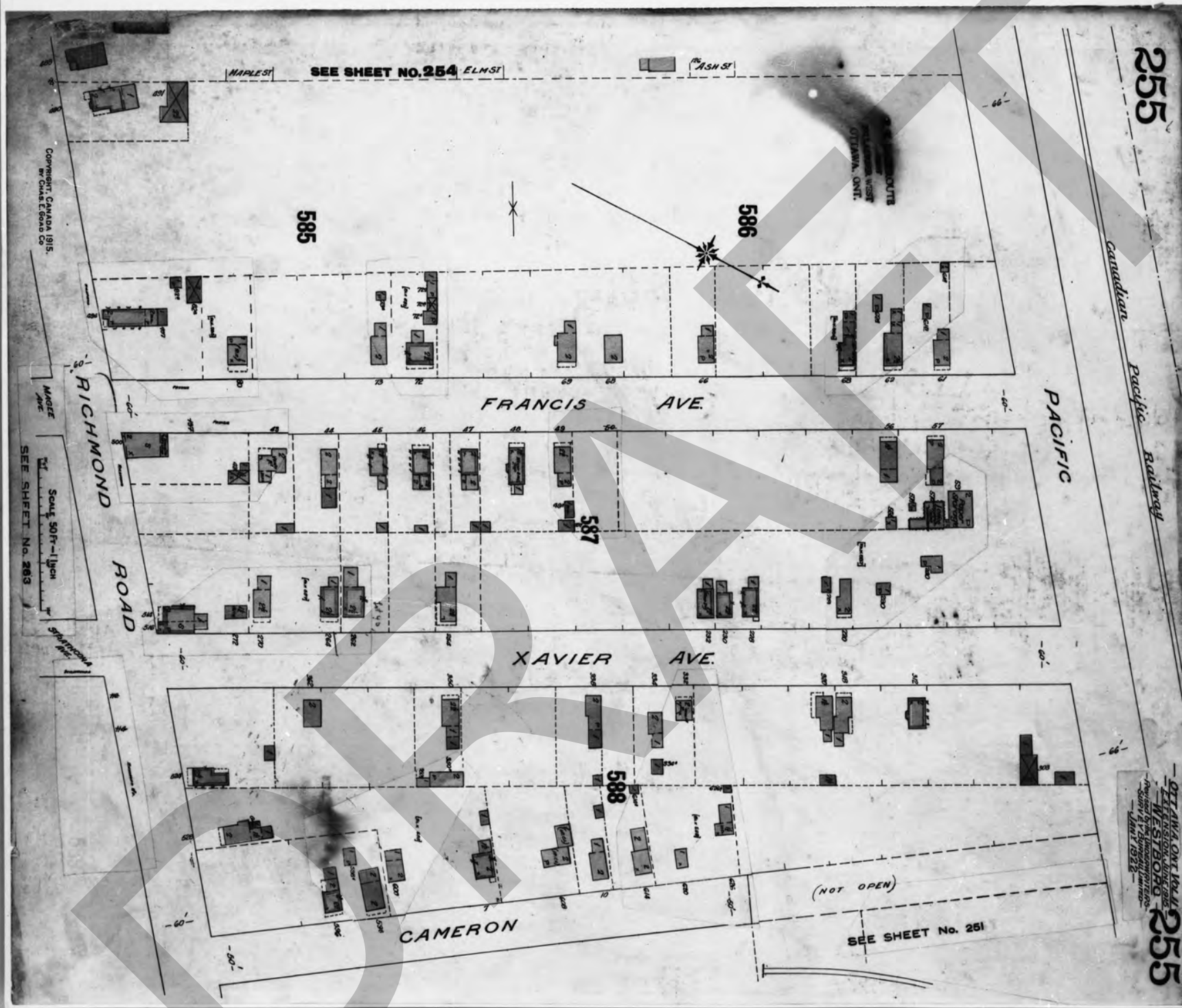


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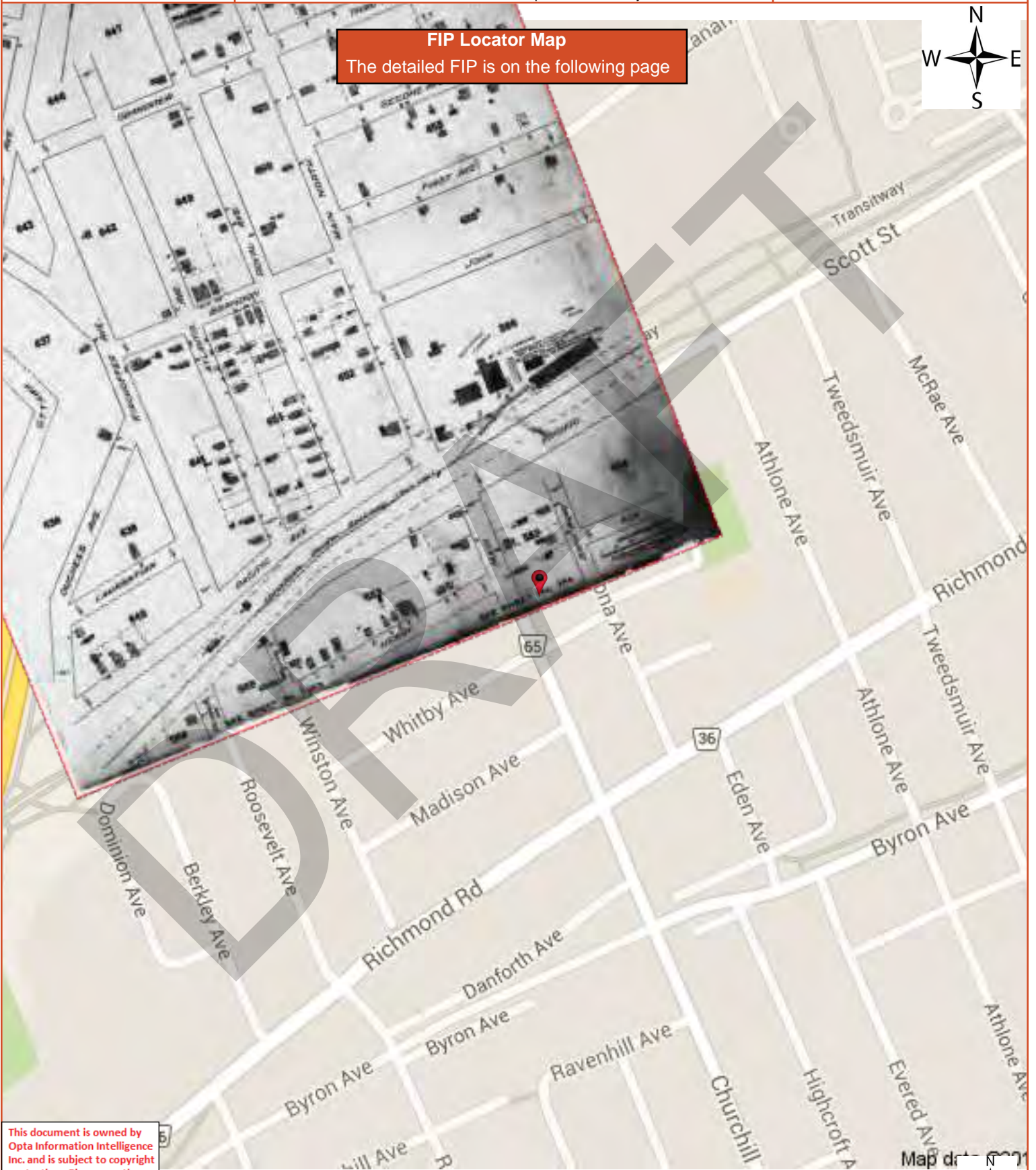
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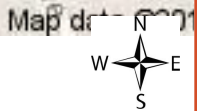
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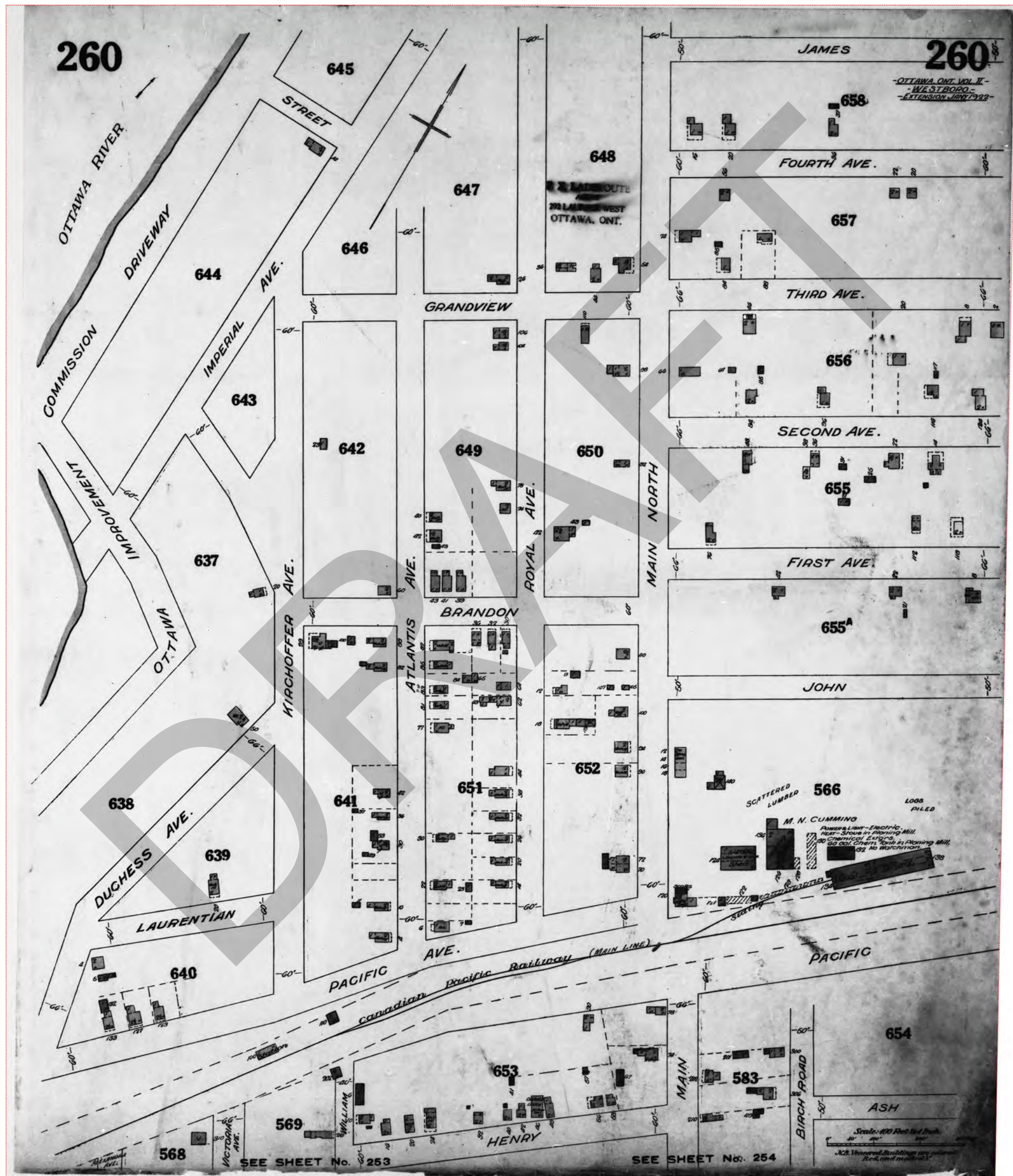
OTTAWA, ONT. 1922
FIREMAP
SHEET 255
SEE SHEET No. 251

FIP Locator Map
The detailed FIP is on the following page



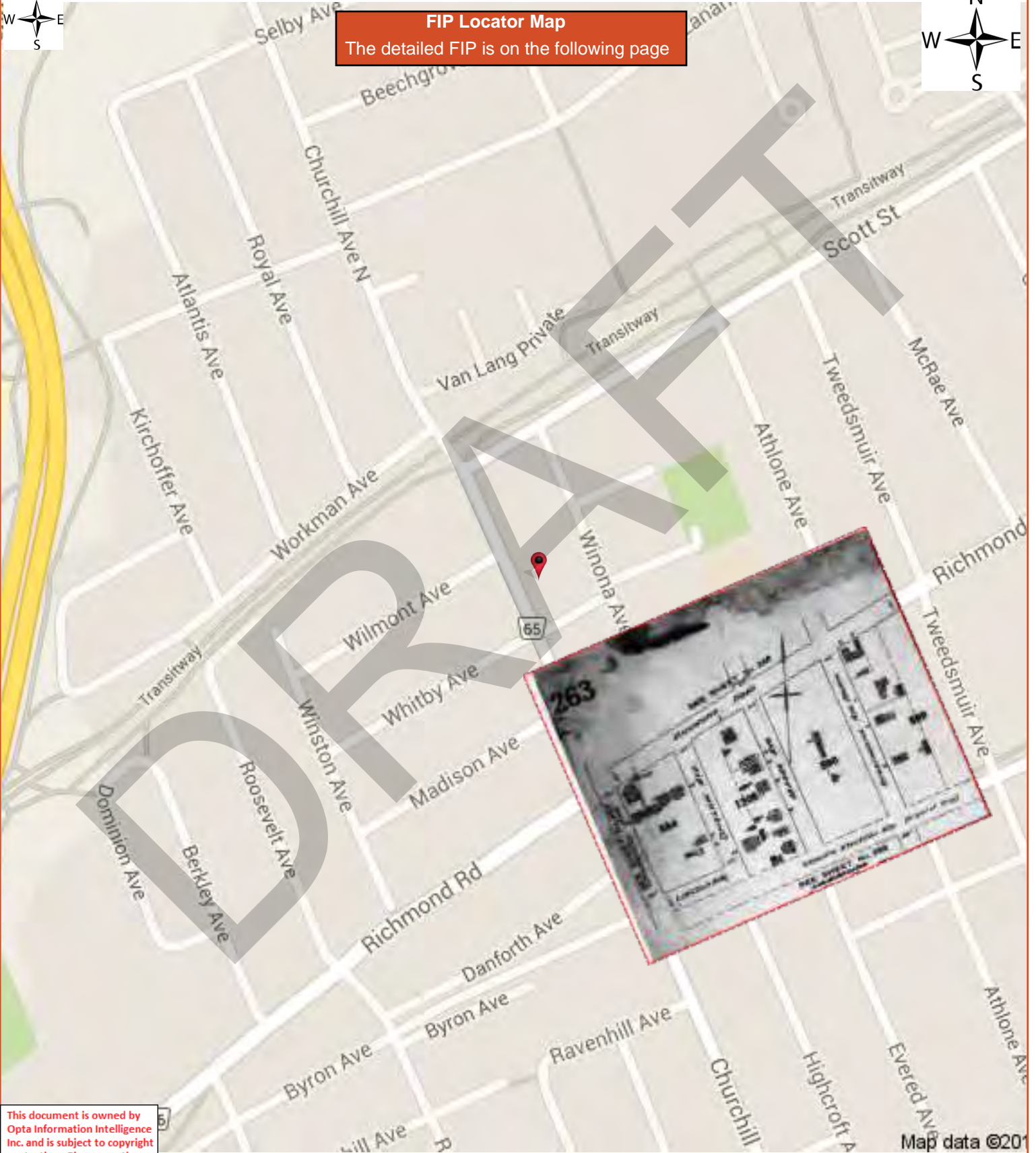
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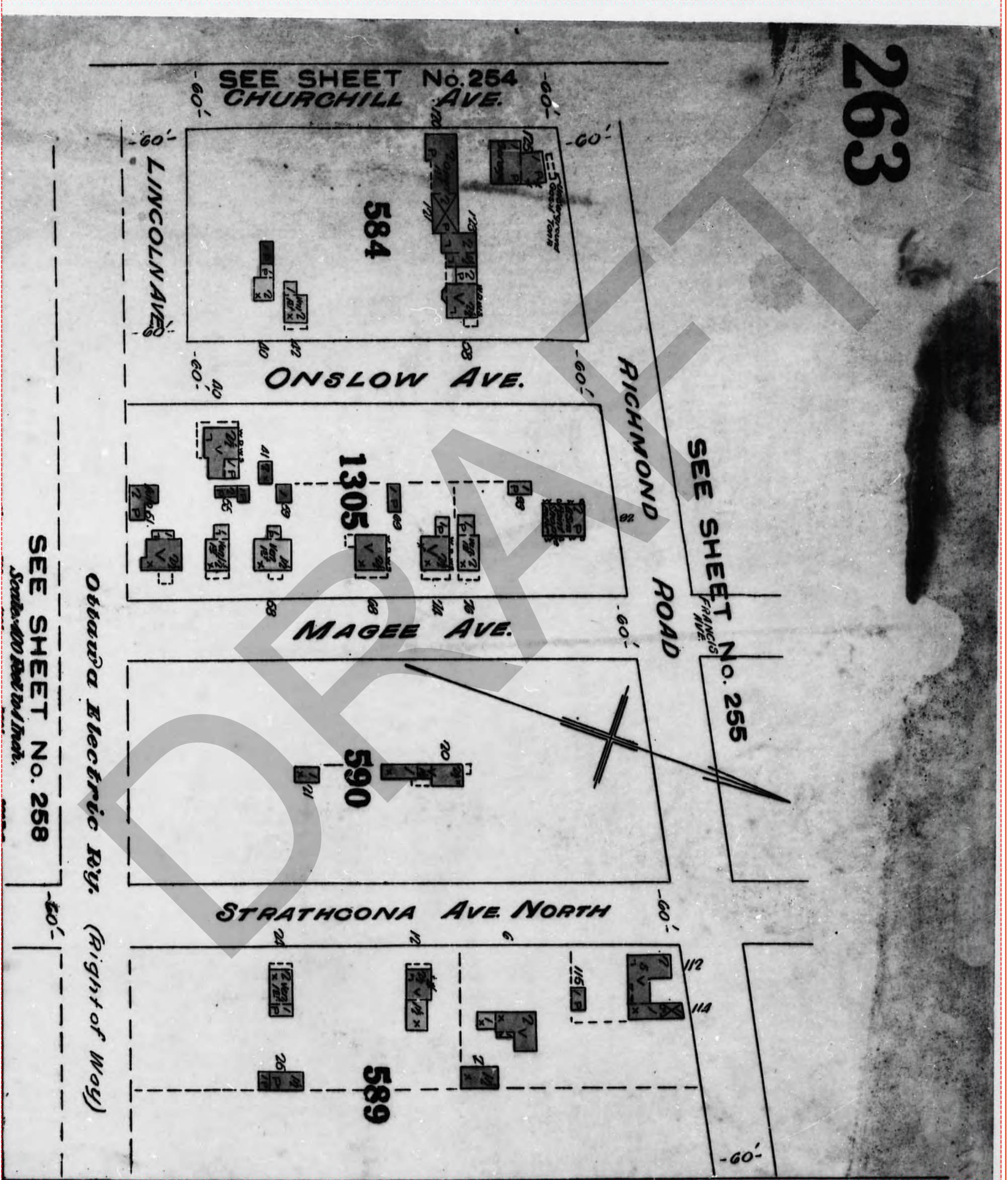


FIP Locator Map
The detailed FIP is on the following page



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263



SEE SHEET No. 258
Scale: 400 Feet to 1 Inch.

Ottawa Electric Ry. (Right of Way)

SEE SHEET No. 254
CHURCHILL AVE.

SEE SHEET No. 255
FRANCIS AVE.

STRATHCONA AVE. NORTH

LINCOLN AVE.

ON SLOW AVE.

MAGEE AVE.

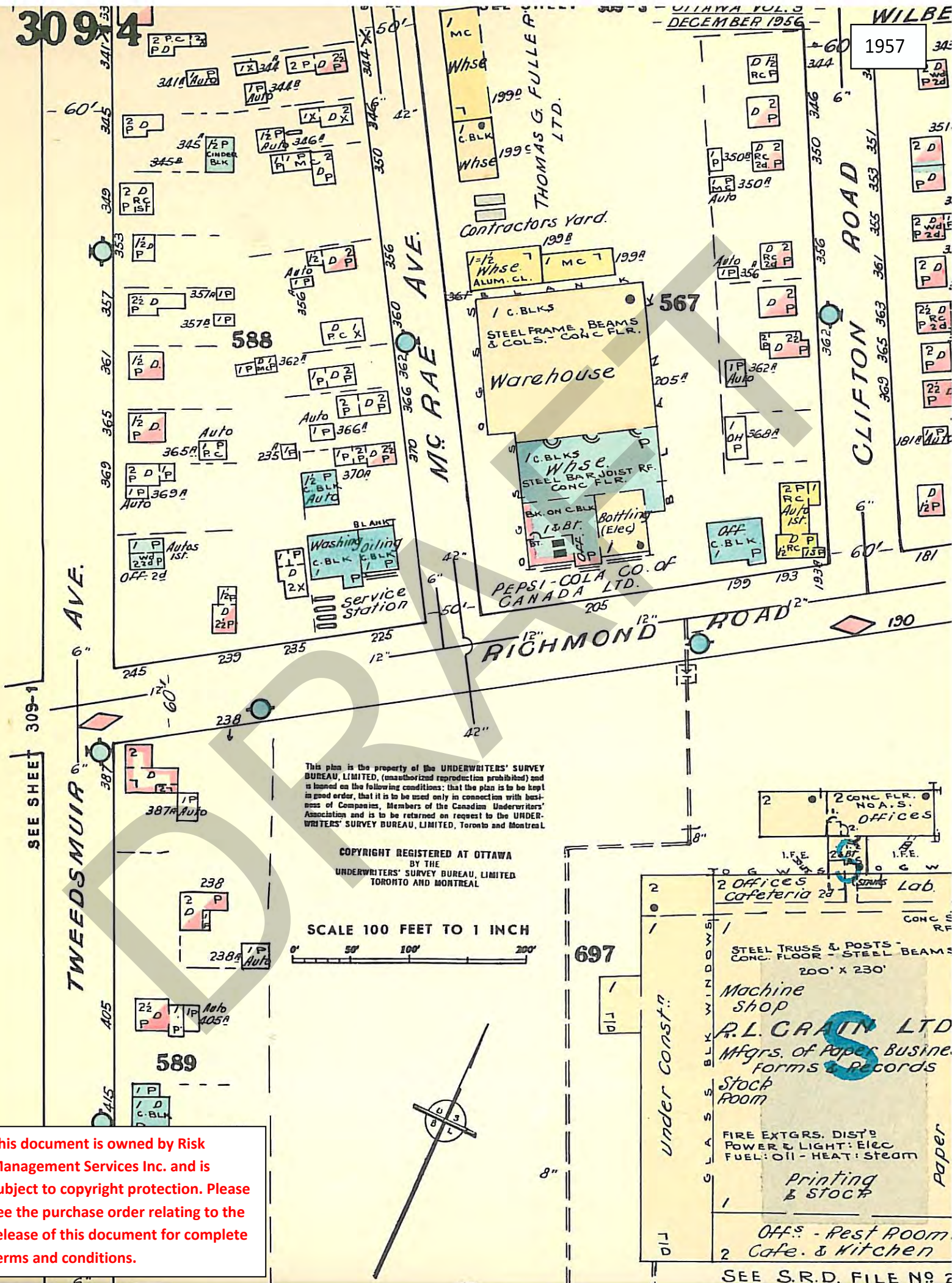
RICHMOND ROAD

584

1305

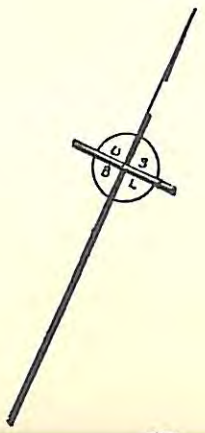
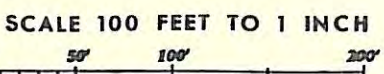
590

589



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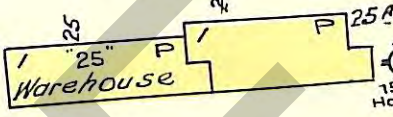
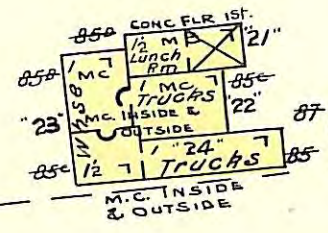
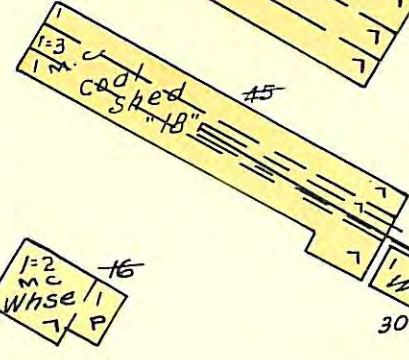
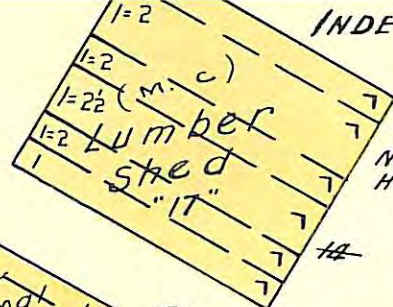
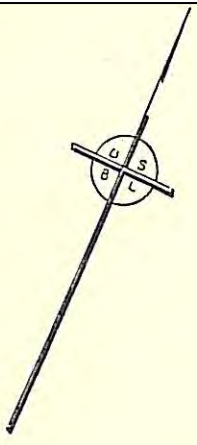
1957

INDEPENDENT COAL & LUMBER CO (Westboro Branch)

SEE S.R.D. FILE NO 2950

Night watchman & Clock - 8 Station Hourly Reports - Fan System.

1303



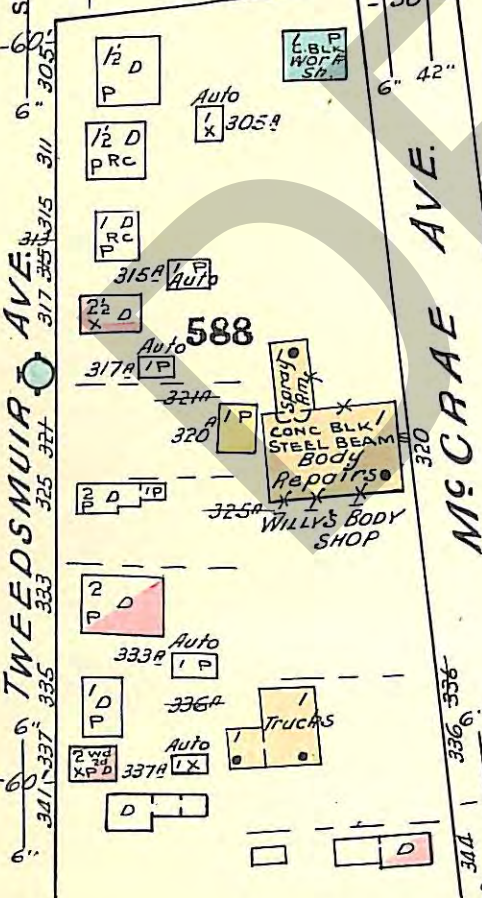
Canadian Pacific Riv'y.

SCOTT

(Late: PACIFIC)

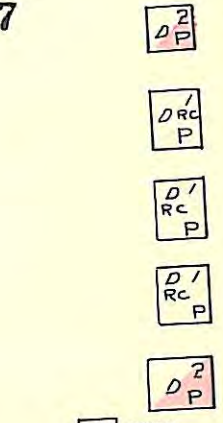
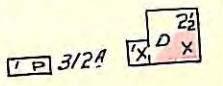
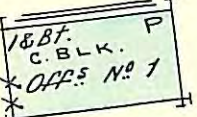
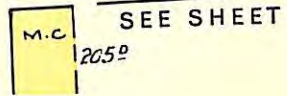
309-2

SEE SHEET

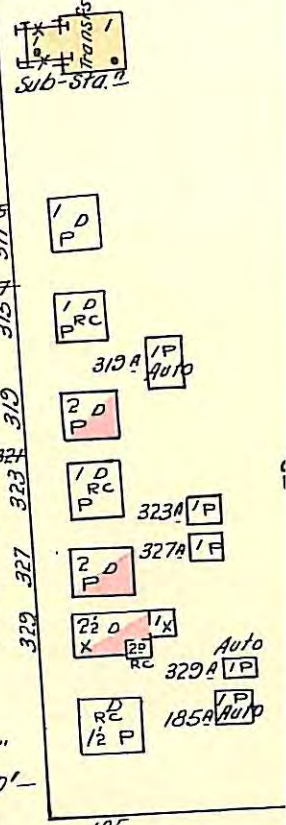


MCCRAE AVE.

567



CLIFTON ROAD



WILBER

SEE SHEET

309-4

DRAFT

APPENDIX F
Chain of Title Search Results

CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 311 Tweedsmuir Avenue, Ottawa
 Legal Description: lot 24, Plan 263

Searched at: Ottawa
 LRO #: 4

Page 1

PIN #: 04021-0014(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 acres)	02 04 1835	Crown	Joshua ADAMS
854	Deed	15 05 1835	Joshua Adams	William MORRIS
2129	Deed	01 04 1841	William Morris	Thomas BIRCH
NP339	Deed	22 11 1869	Thomas Birch	Richard BIRCH
NP2361	Mortgage	07 11 1873	Richard Birch	Patrick LAING
NP5625	Order of foreclosure	14 01 1878	Court of Chancery (Richard Birch defaulted in NP2361)	Frederick LAING
15072	Deed	08 11 1890	Frederick Laing	John FALLS
17816	Deed	27 04 1898	John Falls	Trustees of The Mills Conference Methodist Church
18033	Deed	22 12 1898	Trustees of The Mills Conference Methodist Church	John MCCULLOUGH

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 20200128293
Address: 311 Tweedsmuir Avenue, Ottawa
Legal Description: lot 24, Plan 263

Searched at: Ottawa
LRO #: 4

Page 2

PIN #: 04021-0014(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
21451	Deed	27 04 1907	John McCullough	Frederick HENRY
22427	Deed	05 12 1908	Frederick Henry	Francis LADEROUTE
24906	Deed	18 11 1911	Francis Laderoute	Kastrel COHEN
24907	Deed	18 11 1911	Kastrel Cohen	Roland LUMOINE
26986	Deed	26 07 1913	Roland Lumoine	Matthew WEBSTER
27969	Deed	27 03 1914	Matthew Webster	James GRIERSON
63271	Tax Deed	16 09 1949	Corporation of The Township of Nepean (James Grierson defaulted in taxes)	Robert BARNES
63272	Deed	16 09 1949	Robert Barnes	Dosithe DUQUETTE

Cont'd on page 3

CHAIN OF TITLE REPORT

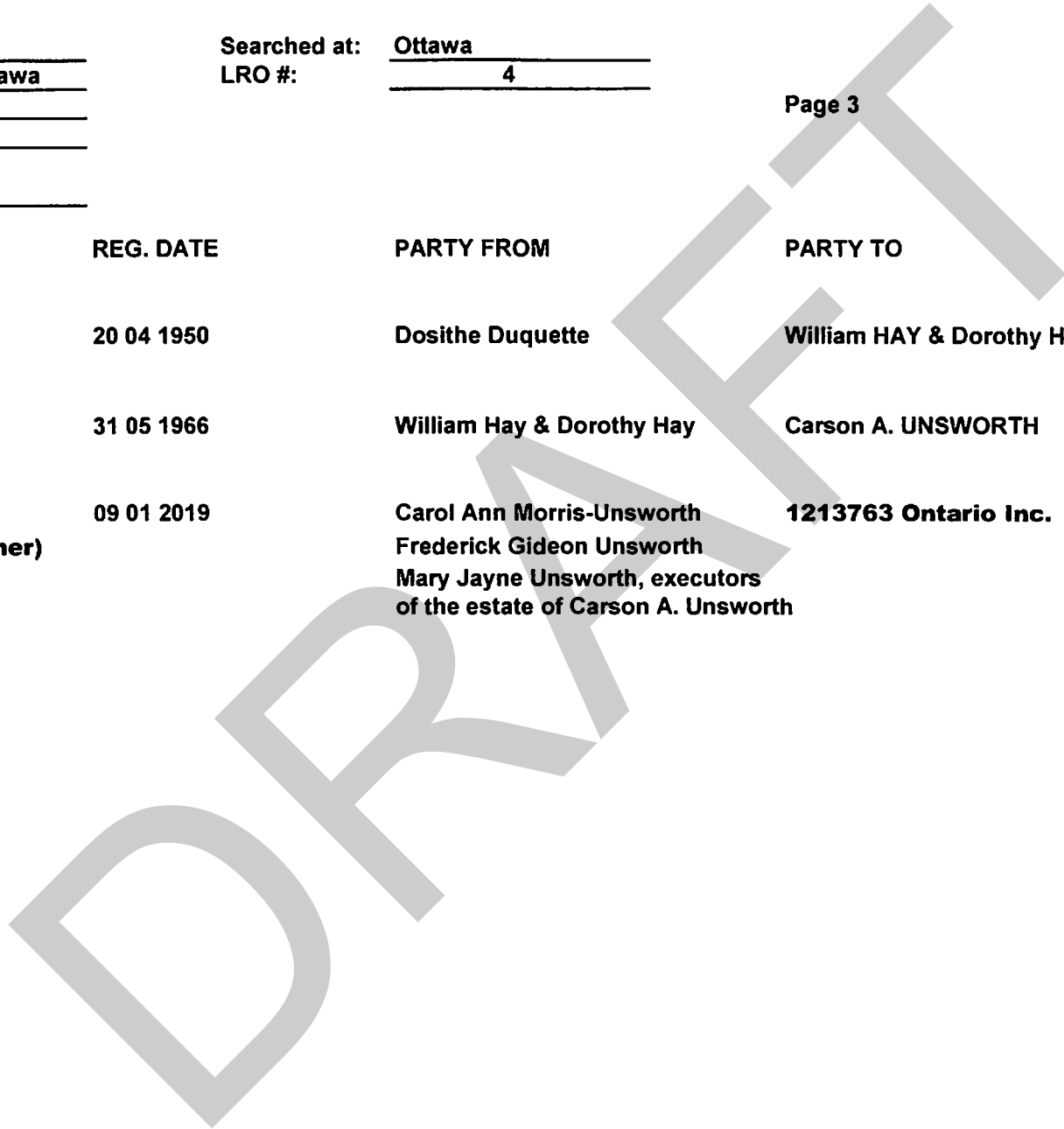
Project #: 20200128293
Address: 311 Tweedsmuir Avenue, Ottawa
Legal: lot 24, Plan 263
Description: _____

Searched at: Ottawa
LRO #: 4

Page 3

PIN #: 04021-0014(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
OT1211	Deed	20 04 1950	Dosithe Duquette	William HAY & Dorothy HAY
CR510499	Deed	31 05 1966	William Hay & Dorothy Hay	Carson A. UNSWORTH
OC2069482	Deed (Present Owner)	09 01 2019	Carol Ann Morris-Unsworth Frederick Gideon Unsworth Mary Jayne Unsworth, executors of the estate of Carson A. Unsworth	1213763 Ontario Inc.



04021-0014 (LT)

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

PROPERTY DESCRIPTION: LT 24, PL 263 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE

LT CONVERSION QUALIFIED

OWNERS' NAMES

1213763 ONTARIO INC.

CAPACITY SHARE

RECENTLY:

FIRST CONVERSION FROM BOOK 180

PIN CREATION DATE: 1996/05/27

PIN CREATION DATE: 1996/05/27

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
OC2002117	2018/06/13	TRANSMISSION CHARGE		... COMPLETELY DELETED ... HAY, WILLIAM E.	UNSWORTH, WENDY JEAN	
OC1990663	2018/05/02	TRANSMISSION-LAND		... COMPLETELY DELETED ... UNSWORTH, CARSON A.	UNSWORTH, CARSON A. - ESTATE MORRIS-UNSWORTH, CAROL ANN UNSWORTH, MARY JAYNE UNSWORTH, FREDERICK GIDEON	
CR510501	1966/05/31	CHARGE		... COMPLETELY DELETED ... HAY, WILLIAM E. HAY, DOROTHY J.		
CR510499	1966/05/31	TRANSFER		... COMPLETELY DELETED ... UNSWORTH, CARSON A.		
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/05/27 ON THIS PIN**</p> <p>** WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/05/27 **</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/05/24 **</p> <p>** SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO</p> <p>SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *</p> <p>AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF</p> <p>IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY</p> <p>CONVENTION.</p> <p>ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>** DATE OF CONVERSION TO LAND TITLES: 1996/05/27 **</p>						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

LAND
 REGISTRY
 OFFICE #4

04021-0014 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
OC2002118	2018/06/13	DISCH OF CHARGE		HAY, DOROTHY J. *** COMPLETELY DELETED *** MCDUFFEE, WENDY JEAN TAYLOR, NANCY ELLEN HAY, ELIZABETH ANN	TAYLOR, NANCY ELLEN HAY, ELIZABETH ANN HAY, DOROTHY J. - ESTATE	
OC2004404	2018/06/20	NOTICE	\$1	CITY OF OTTAWA	2196472 ONTARIO INC. UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN	C
OC2069482	2019/01/09	TRANS PERSONAL REP	\$16,236,920	MORRIS-UNSWORTH, CAROL ANN UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE	1213763 ONTARIO INC.	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
 NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



5R9713

5R7111

4R309

5R4057

5R13154

0134

5R12712 4R2453

5R14108

5R7666

04019

5R3872

5R13115 0135 5R7733 5R6295

4R2731

0042

26

0043

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0044

27

04020

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28

0045

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29

0046

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0047

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5R14709

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04021

REG. PLAN 263

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0011

4R24965
0435

0436

0009

ServiceOntario










PRINTED ON 04 FEB, 2020 AT 10:11:01
FOR BERTUCCI1

SCALE



PROPERTY INDEX MAP OTTAWA-CARLETON(No. 04)

LEGEND

- FREEHOLD PROPERTY 
- LEASEHOLD PROPERTY 
- LIMITED INTEREST PROPERTY 
- CONDOMINIUM PROPERTY 
- RETIRED PIN (MAP UPDATE PENDING) 
- PROPERTY NUMBER  0449
- BLOCK NUMBER  08050
- GEOGRAPHIC FABRIC 
- EASEMENT 

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE
PROPERTY INFORMATION AS THIS MAP MAY
NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND
DOCUMENTS RECORDED IN THE LAND
REGISTRATION SYSTEM AND HAS BEEN PREPARED
FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE
RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT
REFERENCE PLANS ARE NOT ILLUSTRATED



CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 315 Tweedsmuir Avenue, Ottawa
 Legal Description: lot 23, Plan 263
 PIN #: 04021-0013(LT)

Searched at: Ottawa
 LRO #: 4

Page 1

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 acres)	02 04 1835	Crown	Joshua ADAMS
854	Deed	15 05 1835	Joshua Adams	William MORRIS
2129	Deed	01 04 1841	William Morris	Thomas BIRCH
NP339	Deed	22 11 1869	Thomas Birch	Richard BIRCH
NP2361	Mortgage	07 11 1873	Richard Birch	Patrick LAING
NP5625	Order of foreclosure	14 01 1878	Court of Chancery (Richard Birch defaulted in NP2361)	Frederick LAING
15072	Deed	08 11 1890	Frederick Laing	John FALLS
17816	Deed	27 04 1898	John Falls	Trustees of The Mills Conference Methodist Church
18033	Deed	22 12 1898	Trustees of The Mills Conference Methodist Church	John MCCULLOUGH

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 315 Tweedsmuir Avenue, Ottawa
 Legal Description: lot 23, Plan 263

Searched at: Ottawa
 LRO #: 4

Page 2

PIN #: 04021-0013(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
21451	Deed	27 04 1907	John McCullough	Frederick HENRY
22427	Deed	05 12 1908	Frederick Henry	Francis LADEROUTE
24242	Deed	20 04 1911	Francis Laderoute	Alfred SMITH
59850	Tax Deed	26 06 1948	Corporation of The Township of Nepean (Alfred Smith defaulted in taxes)	Harold LYTLE
294634	Deed	08 09 1951	Harold Lytle	Sidney CASWELL & Lilian CASWELL
521795	Deed	23 02 1967	Lilian Caswell (surviving joint tenant)	Jean SHOULDICE
NS184874	Deed	31 03 1983	Jean Shouldice	Emilia PANETTA
N514836	Deed	01 12 1989	Emilia Panetta	Steve John ZABCHUK

Cont'd on page 3

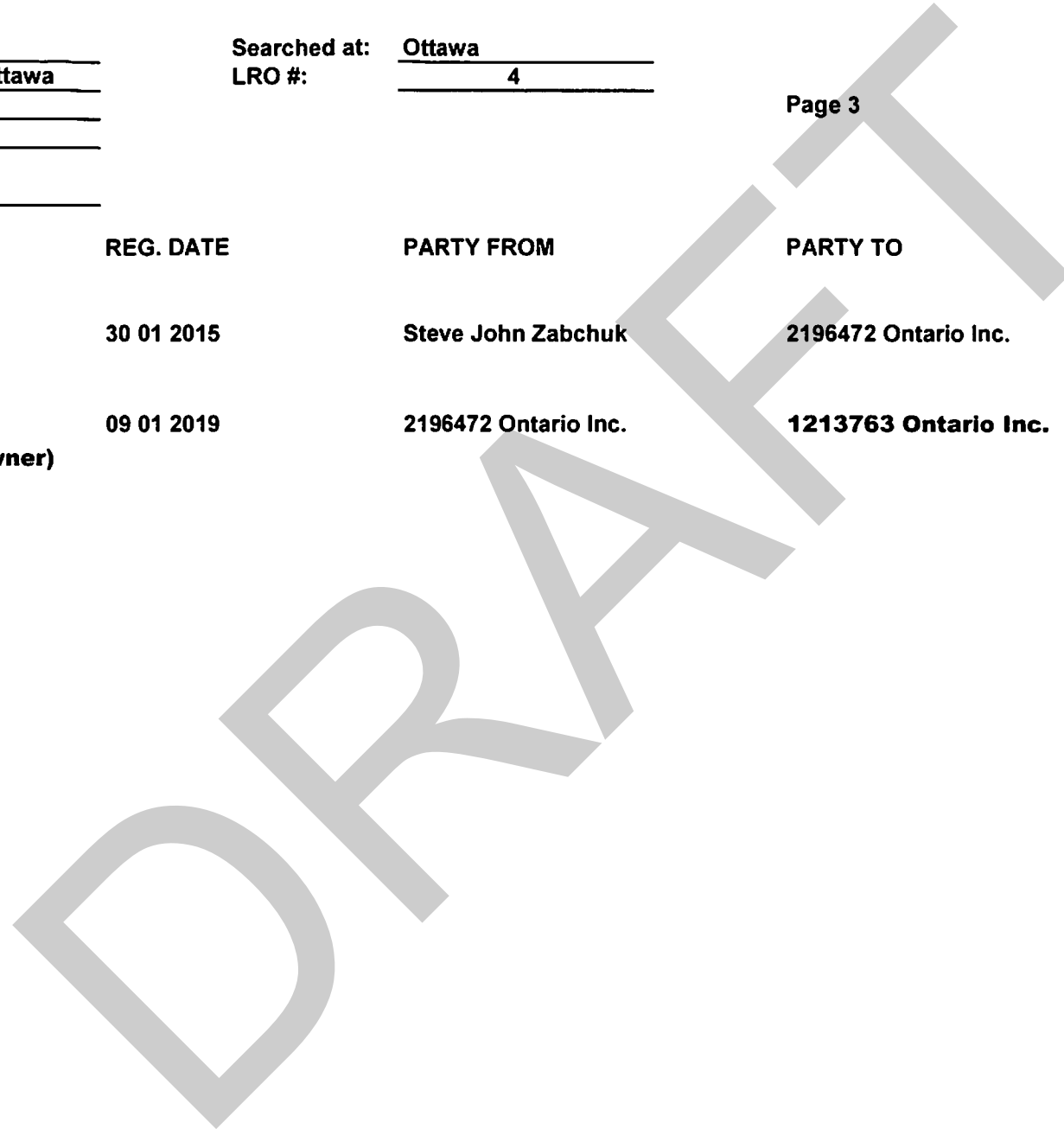
CHAIN OF TITLE REPORT

Project #: 20200128293
Address: 315 Tweedsmuir Avenue, Ottawa
Legal Description: lot 23, Plan 263
PIN #: 04021-0013(LT)

Searched at: Ottawa
LRO #: 4

Page 3

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
OC1656645	Deed	30 01 2015	Steve John Zabchuk	2196472 Ontario Inc.
OC2069481	Deed (Present Owner)	09 01 2019	2196472 Ontario Inc.	1213763 Ontario Inc.



LAND
 REGISTRY
 OFFICE #4

04021-0013 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: LT 23, PL 263 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:
 FEE SIMPLE
 LT CONVERSION QUALIFIED

RECENTLY:
 FIRST CONVERSION FROM BOOK 180

PIN CREATION DATE:
 1996/05/27

OWNERS' NAMES
 1213763 ONTARIO INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/05/27 ON THIS PIN**</p> <p>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/05/27**</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/05/24 **</p> <p>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO</p> <p>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES</p> <p>** AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF</p> <p>** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY</p> <p>** CONVENTION.</p> <p>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>**DATE OF CONVERSION TO LAND TITLES: 1996/05/27 **</p>						
N514836	1989/12/01	TRANSFER		*** COMPLETELY DELETED ***	ZABCHUK, STEVE JOHN	
N514837	1989/12/01	CHARGE		*** COMPLETELY DELETED ***	ROYAL TRUST CORPORATION OF CANADA	
N514838	1989/12/01	CHARGE		*** COMPLETELY DELETED ***	CRAWFORD, DOUGLAS MACLAREN	
OC130402	2002/10/15	DISCH OF CHARGE		*** COMPLETELY DELETED *** CRAWFORD, DOUGLAS MACLAREN		
REMARKS: RE: N514838						
OC366135	2004/08/06	CHARGE		*** COMPLETELY DELETED *** ZABCHUK, STEVE JOHN	MCAP SERVICE CORPORATION	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
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REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHRD
OC366138	2004/08/06	NO ASSGN RENT GEN		*** COMPLETELY DELETED *** ZABCHUK, STEVE JOHN	MCAP SERVICE CORPORATION	
OC380499	2004/09/09	DISCH OF CHARGE		*** COMPLETELY DELETED *** ROYAL TRUST CORPORATION OF CANADA		
OC452848	2005/04/18	CHARGE		*** COMPLETELY DELETED *** ZABCHUK, STEVE JOHN	HOME TRUST COMPANY	
OC459357	2005/05/04	DISCH OF CHARGE		*** COMPLETELY DELETED *** MCAP SERVICE CORPORATION		
OC827547	2008/02/27	CHARGE		*** COMPLETELY DELETED *** ZABCHUK, STEVE JOHN	THE TORONTO-DOMINION BANK	
OC842791	2008/04/18	DISCH OF CHARGE		*** COMPLETELY DELETED *** HOME TRUST COMPANY		
OC1431575	2012/11/22	CHARGE		*** COMPLETELY DELETED *** ZABCHUK, STEVE JOHN	THE TORONTO-DOMINION BANK	
OC1432213	2012/11/26	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
OC1656645	2015/01/30	TRANSFER		*** COMPLETELY DELETED *** ZABCHUK, STEVE JOHN	2196472 ONTARIO INC.	
OC1661429	2015/02/23	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
OC2004404	2018/06/20	NOTICE	\$1	\$1 CITY OF OTTAWA	2196472 ONTARIO INC.	C
OC2069481	2019/01/09	TRANSFER	\$1,778,080	2196472 ONTARIO INC.	1213763 ONTARIO INC. UNSWORTH, MARY JAYNE UNSWORTH, FREDERICK GIDEON MORRIS-UNSWORTH, CAROL ANN	C

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5R9713 5R7111
 4R309 5R4057
 5R13154 0134
 5R12712 4R2453
 5R14108
 5R7666

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4R2731

5R13115 0135 5R3872
 5R7733 5R6295

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SCALE



PROPERTY INDEX MAP

OTTAWA-CARLETON(No. 04)

LEGEND

- FREEHOLD PROPERTY
- LEASEHOLD PROPERTY
- LIMITED INTEREST PROPERTY
- CONDOMINIUM PROPERTY
- RETIRED PIN (MAP UPDATE PENDING)
- PROPERTY NUMBER 0449
- BLOCK NUMBER 08050
- GEOGRAPHIC FABRIC
- EASEMENT

THIS IS NOT A PLAN OF SURVEY

NOTES

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ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT
 REFERENCE PLANS ARE NOT ILLUSTRATED



CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 320 McRae Avenue, Ottawa
 Legal Description: lot 12, Plan 273

Searched at: Ottawa
 LRO #: 4

Page 1

PIN #: 04021-0021(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (100 acres)	31 05 1803	Crown	Elijah SPICER
RO52	Deed	24 12 1804	Elijah Spicer	Rice HONEYWELL
RO32	Deed	12 08 1821	Rice Honeywell	Peter AYLES
RO125	Deed	18 09 1837	Peter Ayles	Thomas GIBBONS
RO13086	Deed	06 01 1860	Richard Hart, exor. Of the estate of Thomas Gibbons	John HENRY
RO27314	Deed	26 01 1867	John Henry	Isabella ARCHIBALD
NP2228	Deed	18 09 1873	Isabella Archibald	Evan CAMERON
NP22709	Deed	15 05 1909	Evan Cameron	William ROSS
NP28609	Deed	22 09 1914	William Ross	George YOUNG

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 320 McRae Avenue, Ottawa
 Legal Description: lot 12, Plan 273

 PIN #: 04021-0021(LT)

Searched at: Ottawa
 LRO #: 4

Page 2

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
NP49106	Tax Deed	21 04 1942	The Corporation of The Township of Nepean	Louis MILLER
CR453576	Deed	14 12 1962	Louis Miller	Donald BARNES, Robert BARNES, Dalton BARNES viz: Barnes Pickup Service
CR453577	Deed	14 12 1962	Dalton BARNES, Robert BARNES Donald BARNES viz: Barnes Pickup Service	Carson UNSWORTH
OC2069482	Deed (Present Owner)	09 01 2019	Carol Ann Morris-Unsworth Frederick Gideon Unsworth Mary Jayne Unsworth, executors of the estate of Carson A. Unsworth	1213763 Ontario Inc.

LAND
 REGISTRY
 OFFICE #4

04021-0021 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: LT 12, PL 273 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:
 FEE SIMPLE
 LT CONVERSION QUALIFIED

RECENTLY:
 FIRST CONVERSION FROM BOOK 186

PIN CREATION DATE:
 1996/05/27

OWNERS' NAMES
 1213763 ONTARIO INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/05/27 ON THIS PIN**</p> <p>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/05/27**</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/05/24 **</p> <p>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO</p> <p>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *</p> <p>** AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF</p> <p>** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY</p> <p>** CONVENTION.</p> <p>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>**DATE OF CONVERSION TO LAND TITLES: 1996/05/27 **</p>						
CR453577	1962/12/14	TRANSFER		*** COMPLETELY DELETED ***	UNSWORTH, CARSON	
OC1990661	2018/05/02	TRANSMISSION-LAND		*** DELETED AGAINST THIS PROPERTY *** UNSWORTH, CARSON	UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN UNSWORTH, CARSON - ESTATE	
OC2004404	2018/06/20	NOTICE	\$1	CITY OF OTTAWA	2196472 ONTARIO INC. UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN	C
OC2069482	2019/01/09	TRANS PERSONAL REP	\$16,236,920	MORRIS-UNSWORTH, CAROL ANN	1213763 ONTARIO INC.	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
 NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

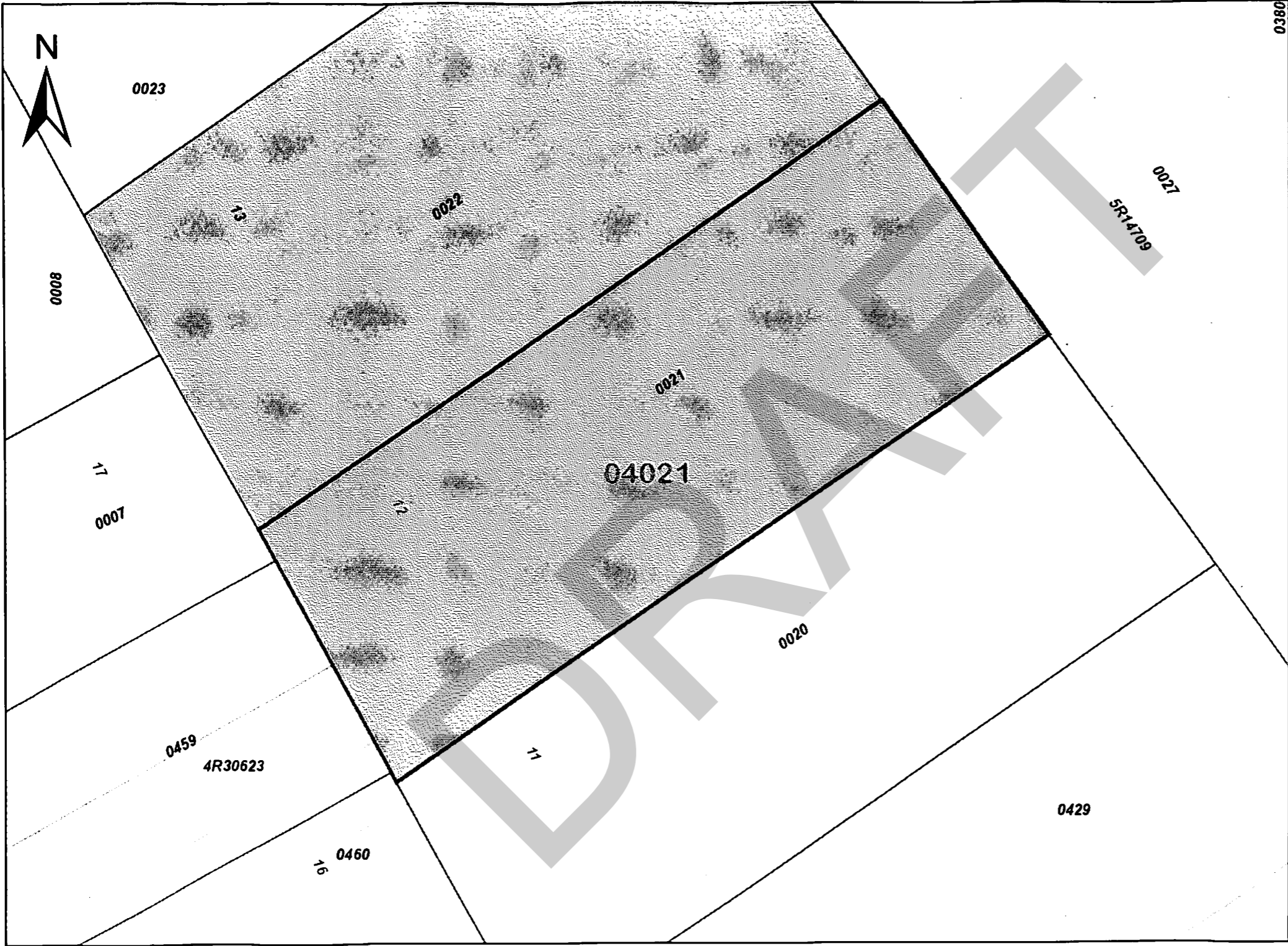
LAND
 REGISTRY
 OFFICE #4

04021-0021 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE		
REMARKS: PLANNING ACT STATEMENTS.						

DRAFT



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PROPERTY INDEX MAP OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 320 McRae Avenue, Ottawa
 Legal Description: lot 13, Plan 273
 PIN #: 04021-0022(LT)

Searched at: Ottawa
 LRO #: 4

Page 1

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (100 acres)	31 05 1803	Crown	Elijah SPICER
RO52	Deed	24 12 1804	Elijah Spicer	Rice HONEYWELL
RO32	Deed	12 08 1821	Rice Honeywell	Peter AYLES
RO125	Deed	18 09 1837	Peter Ayles	Thomas GIBBONS
RO13086	Deed	06 01 1860	Richard Hart, exor. Of the estate of Thomas Gibbons	John HENRY
RO27314	Deed	26 01 1867	John Henry	Isabella ARCHIBALD
NP2228	Deed	18 09 1873	Isabella Archibald	Evan CAMERON
NP22709	Deed	15 05 1909	Evan Cameron	William ROSS
NP28609	Deed	22 09 1914	William Ross	George YOUNG

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 320 McRae Avenue, Ottawa
 Legal Description: lot 13, Plan 273

Searched at: Ottawa
 LRO #: 4

PIN #: 04021-0022(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
NP46153	Tax Deed	17 05 1932	The Corporation of The Township of Nepean (George Young defaulted in taxes)	John MORRIS & Alice MORRIS
117135	Deed	19 12 1939	John Morris	Alice MORRIS
49063	Deed	07 04 1942	Alice Morris	Florence LAPRADE
CR314267	Deed	03 09 1953	Florence Laprade	Harry BARNES
CR453578	Deed	14 12 1962	Harry Barnes	Carson UNSWORTH
OC2069482	Deed (Present Owner)	09 01 2019	Carol Ann Morris-Unsworth Frederick Gideon Unsworth Mary Jayne Unsworth, executors of the estate of Carson A. Unsworth	1213763 Ontario Inc.

LAND
 REGISTRY
 OFFICE #4

04021-0022 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: LT 13, PL 273 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
 LT CONVERSION QUALIFIED

RECENTLY:

FIRST CONVERSION FROM BOOK 186

PIN CREATION DATE:

1996/05/27

OWNERS' NAMES

1213763 ONTARIO INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/05/27 ON THIS PIN**</p> <p>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/05/27**</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/05/24 **</p> <p>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO</p> <p>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *</p> <p>** AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF</p> <p>** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY</p> <p>** CONVENTION.</p> <p>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>**DATE OF CONVERSION TO LAND TITLES: 1996/05/27 **</p>						
CR453578	1962/12/14	TRANSFER		*** COMPLETELY DELETED ***	UNSWORTH, CARSON	
N350178	1986/08/14	CHARGE		*** COMPLETELY DELETED ***	494053 ONTARIO INC.	
OC1990661	2018/05/02	TRANSMISSION-LAND		*** DELETED AGAINST THIS PROPERTY *** UNSWORTH, CARSON	UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN UNSWORTH, CARSON - ESTATE	
OC2000268	2018/06/06	APL AMEND ORDER		*** COMPLETELY DELETED *** ONTARIO SUPERIOR COURT OF JUSTICE	UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
 NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

LAND
 REGISTRY
 OFFICE #4

04021-0022 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
OC2004404	2018/06/20	NOTICE	\$1	CITY OF OTTAWA	MORRIS-UNSWORTH, CAROL ANN 2196472 ONTARIO INC. UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN	C
OC2069482	2019/01/09	TRANS PERSONAL REP	\$16,236,920	MORRIS-UNSWORTH, CAROL ANN UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE	1213763 ONTARIO INC.	C

REMARKS: DELETE N350178

REMARKS: PLANNING ACT STATEMENTS.

DRAFT



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PROPERTY INDEX MAP OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

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REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 320 McRae Avenue, Ottawa
 Legal Description: lot 14, Plan 273
 PIN #: 04021-0023(LT)

Searched at: Ottawa
 LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (100 acres)	31 05 1803	Crown	Elijah SPICER
RO52	Deed	24 12 1804	Elijah Spicer	Rice HONEYWELL
RO32	Deed	12 08 1821	Rice Honeywell	Peter AYLES
RO125	Deed	18 09 1837	Peter Ayles	Thomas GIBBONS
RO13086	Deed	06 01 1860	Richard Hart, exor. Of the estate of Thomas Gibbons	John HENRY
RO27314	Deed	26 01 1867	John Henry	Isabella ARCHIBALD
NP2228	Deed	18 09 1873	Isabella Archibald	Evan CAMERON
NP22709	Deed	15 05 1909	Evan Cameron	William ROSS
NP34842	Deed	22 07 1921	William Ross	John ROSS & Charles ROSS

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 320 McRae Avenue, Ottawa
 Legal: lot 14, Plan 273
 Description: _____
 PIN #: 04021-0023(LT)

Searched at: Ottawa
 LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
NP59547	Tax Deed	18 12 1948	The Corporation of The Township of Nepean (John & Charles Ross defaulted in taxes)	Harry BARNES
CR309962	Deed	21 04 1953	Harry Barnes	Robert BARNES
CR453580	Deed	14 12 1962	Robert Barnes	Carson UNSWORTH
OC2069482	Deed (Present Owner)	09 01 2019	Carol Ann Morris-Unsworth Frederick Gideon Unsworth Mary Jayne Unsworth, executors of the estate of Carson A. Unsworth	1213763 Ontario Inc.

LAND
 REGISTRY
 OFFICE #4

04021-0023 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: LT 14, PL 273 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:
 FEE SIMPLE
 LT CONVERSION QUALIFIED

RECENTLY:
 FIRST CONVERSION FROM BOOK 186

PIN CREATION DATE:
 1996/05/27

OWNERS' NAMES
 1213763 ONTARIO INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/05/27 ON THIS PIN** **WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/05/27** ** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/05/24 ** **SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO: ** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES * ** AND ESCHEATS OR FORFEITURE TO THE CROWN. ** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF ** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY ** CONVENTION. ** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES. **DATE OF CONVERSION TO LAND TITLES: 1996/05/27 **</p>						
CR453580	1962/12/14	TRANSFER		*** COMPLETELY DELETED ***	UNSWORTH, CARSON	
OC1990661	2018/05/02	TRANSMISSION-LAND		*** DELETED AGAINST THIS PROPERTY *** UNSWORTH, CARSON	UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN UNSWORTH, CARSON - ESTATE	
OC2004404	2018/06/20	NOTICE	\$1	CITY OF OTTAWA	2196472 ONTARIO INC. UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN	C
OC2069482	2019/01/09	TRANS PERSONAL REP	\$16,236,920	MORRIS-UNSWORTH, CAROL ANN	1213763 ONTARIO INC.	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
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LAND
 REGISTRY
 OFFICE #4

04021-0023 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE		
REMARKS: PLANNING ACT STATEMENTS.						

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PROPERTY INDEX MAP OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

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CHAIN OF TITLE REPORT

Project #: 20200128293
Address: 320 McRae Avenue, Ottawa
Legal Description: lot 15, Plan 273
PIN #: 04021-0024(LT)

Searched at: Ottawa
LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (100 acres)	31 05 1803	Crown	Elijah SPICER
RO52	Deed	24 12 1804	Elijah Spicer	Rice HONEYWELL
RO32	Deed	12 08 1821	Rice Honeywell	Peter AYLES
RO125	Deed	18 09 1837	Peter Ayles	Thomas GIBBONS
RO13086	Deed	06 01 1860	Richard Hart, exor. Of the estate of Thomas Gibbons	John HENRY
RO27314	Deed	26 01 1867	John Henry	Isabella ARCHIBALD
NP2228	Deed	18 09 1873	Isabella Archibald	Evan CAMERON
NP22709	Deed	15 05 1909	Evan Cameron	William ROSS
NP34842	Deed	22 07 1921	William Ross	John ROSS & Charles ROSS

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 20200128293
Address: 320 McRae Avenue, Ottawa
Legal Description: lot 15, Plan 273
Description: _____
PIN #: 04021-0024(LT)

Searched at: Ottawa
LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
NP63642	Tax Deed	21 10 1949	The Corporation of The Township of Nepean (John & Charles Ross defaulted in taxes)	Harry BARNES
CR382954	Deed	14 01 1959	Harry Barnes	Carson Archibald UNSWORTH
OC2069482	Deed (Present Owner)	09 01 2019	Carol Ann Morris-Unsworth Frederick Gideon Unsworth Mary Jayne Unsworth, executors of the estate of Carson A. Unsworth	1213763 Ontario Inc.

DRAFT

LAND
 REGISTRY
 OFFICE #4

04021-0024 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: LT 15, PL 273 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:
 FEE SIMPLE
 LT CONVERSION QUALIFIED

RECENTLY:
 FIRST CONVERSION FROM BOOK 186

PIN CREATION DATE:
 1996/05/27

OWNERS' NAMES
 1213763 ONTARIO INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/05/27 ON THIS PIN**</p> <p>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/05/27**</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/05/24 **</p> <p>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO</p> <p>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *</p> <p>** AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF</p> <p>** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY</p> <p>** CONVENTION.</p> <p>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>**DATE OF CONVERSION TO LAND TITLES: 1996/05/27 **</p>						
CR382954	1959/01/14	TRANSFER		*** COMPLETELY DELETED ***	UNSWORTH, CARSON ARCHIBALD	
OC1990662	2018/05/02	TRANSMISSION-LAND		*** COMPLETELY DELETED *** UNSWORTH, CARSON ARCHIBALD	UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN UNSWORTH, CARSON ARCHIBALD - ESTATE	
OC2004404	2018/06/20	NOTICE	\$1	CITY OF OTTAWA	2196472 ONTARIO INC. UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN	C
OC2069482	2019/01/09	TRANS PERSONAL REP	\$16,236,920	MORRIS-UNSWORTH, CAROL ANN	1213763 ONTARIO INC.	C

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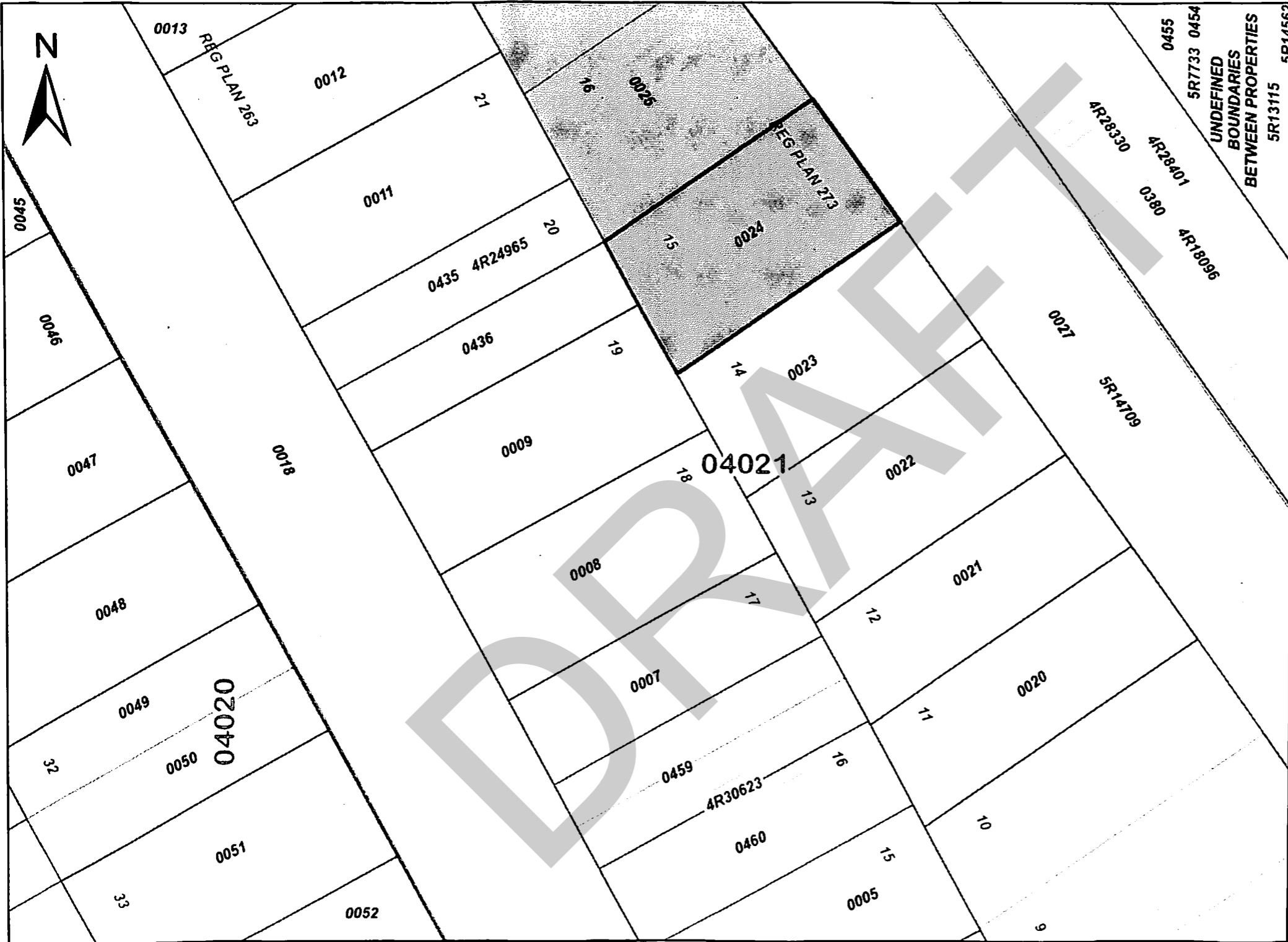
LAND
 REGISTRY
 OFFICE #4

04021-0024 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

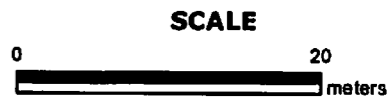
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE		
REMARKS: PLANNING ACT STATEMENTS.						

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ServiceOntario

PRINTED ON 04 FEB, 2020 AT 10:11:41
FOR BERTUCCI1



PROPERTY INDEX MAP OTTAWA-CARLETON(No. 04)

LEGEND

- FREEHOLD PROPERTY
- LEASEHOLD PROPERTY
- LIMITED INTEREST PROPERTY
- CONDOMINIUM PROPERTY
- RETIRED PIN (MAP UPDATE PENDING)
- PROPERTY NUMBER 0449
- BLOCK NUMBER 08050
- GEOGRAPHIC FABRIC
- EASEMENT

THIS IS NOT A PLAN OF SURVEY

NOTES

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- THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY
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- ONLY MAJOR EASEMENTS ARE SHOWN
- REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 320 McRae Avenue, Ottawa
 Legal Description: lots 16-18, Plan 273
 PIN #: 04021-0025(LT)

Searched at: Ottawa
 LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (100 acres)	31 05 1803	Crown	Elijah SPICER
RO52	Deed	24 12 1804	Elijah Spicer	Rice HONEYWELL
RO32	Deed	12 08 1821	Rice Honeywell	Peter AYLES
RO125	Deed	18 09 1837	Peter Ayles	Thomas GIBBONS
RO13086	Deed	06 01 1860	Richard Hart, exor. Of the estate of Thomas Gibbons	John HENRY
RO27314	Deed	26 01 1867	John Henry	Isabella ARCHIBALD
NP2228	Deed	18 09 1873	Isabella Archibald	Evan CAMERON
NP22709	Deed	15 05 1909	Evan Cameron	William ROSS
NP29904	Deed	22 11 1915	William Ross	David LATIMER

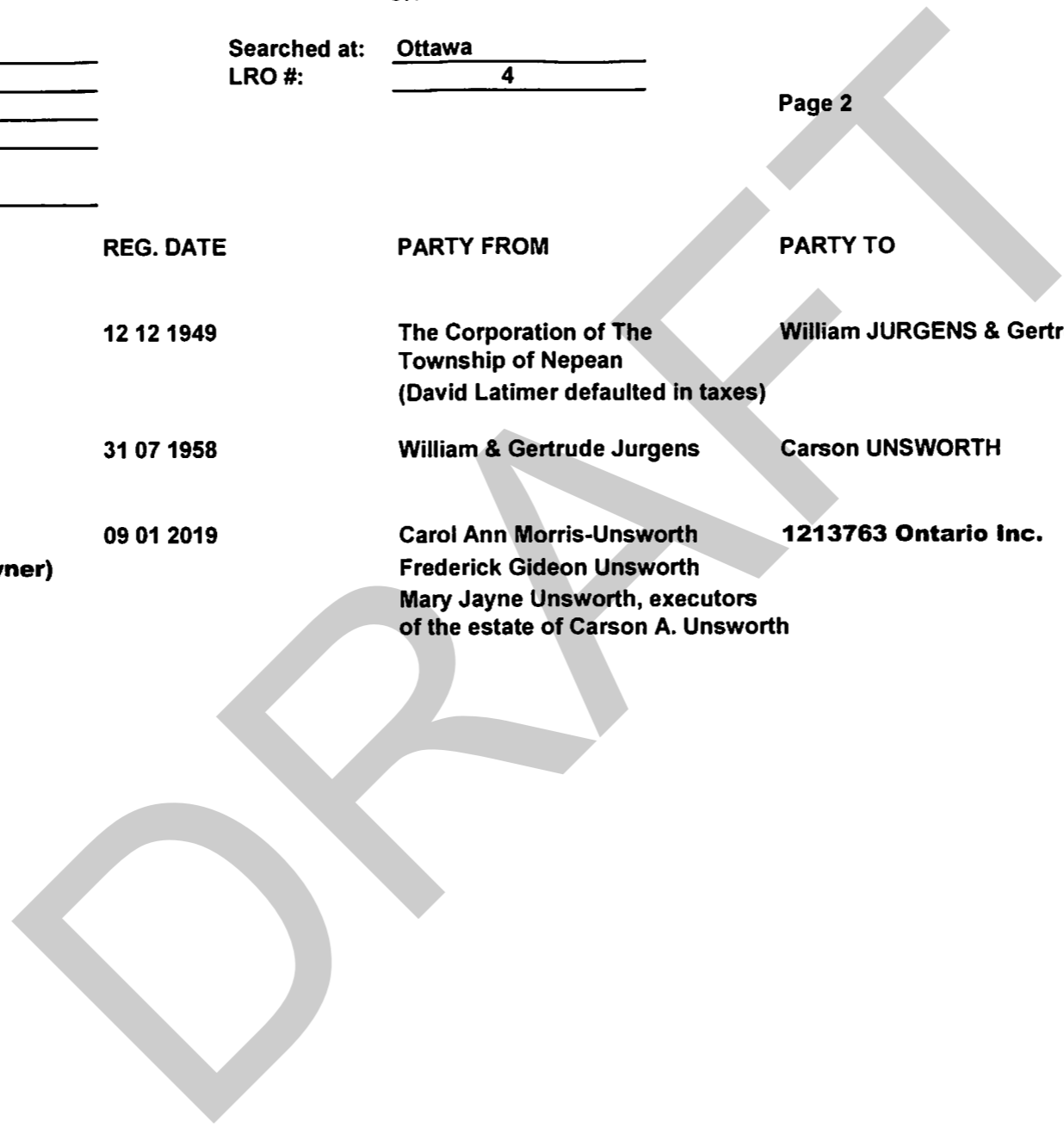
Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 320 McRae Avenue, Ottawa
 Legal Description: lots 16-18, Plan 273
 PIN #: 04021-0025(LT)

Searched at: Ottawa
 LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
NP64276	Tax Deed	12 12 1949	The Corporation of The Township of Nepean (David Latimer defaulted in taxes)	William JURGENS & Gertrude JURGENS
CR375480	Deed	31 07 1958	William & Gertrude Jurgens	Carson UNSWORTH
OC2069482	Deed (Present Owner)	09 01 2019	Carol Ann Morris-Unsworth Frederick Gideon Unsworth Mary Jayne Unsworth, executors of the estate of Carson A. Unsworth	1213763 Ontario Inc.



LAND
 REGISTRY
 OFFICE #4

04021-0025 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: LTS 16, 17 & 18, PL 273 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:
 FEE SIMPLE
 LT CONVERSION QUALIFIED

RECENTLY:
 FIRST CONVERSION FROM BOOK 186

PIN CREATION DATE:
 1996/05/27

OWNERS' NAMES
 1213763 ONTARIO INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/05/27 ON THIS PIN**</p> <p>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/05/27**</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/05/24 **</p> <p>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:</p> <p>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES * AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY CONVENTION.</p> <p>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>**DATE OF CONVERSION TO LAND TITLES: 1996/05/27 **</p>						
CR375480	1958/07/31	TRANSFER		*** COMPLETELY DELETED ***	UNSWORTH, CARSON	
CR375480Z	1958/07/31	REST COV APL ANNEX		*** COMPLETELY DELETED ***		
REMARKS: DOCUMENT DELETED ON NOV 1, 2018 BY SHOGAN PER ITS EXPIRY						
CR548022	1968/09/10	CHARGE		*** COMPLETELY DELETED ***	JURGENS, WILLIAM JURGENS, GERTRUDE	
CR560135	1969/06/13	CHARGE		*** COMPLETELY DELETED ***	DUNLOP, JOHN G.	
CR641556	1973/10/19	TRANSFER OF CHARGE		*** COMPLETELY DELETED ***	CARSONS BODY REPAIRS LIMITED	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
 NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

LAND
 REGISTRY
 OFFICE #4

04021-0025 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
REMARKS: CR548022						
CR685754	1976/02/23	AGREEMENT			THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C
OC229989	2003/08/07	DISCH OF CHARGE		*** COMPLETELY DELETED *** DUNLOP, JOHN G.		
REMARKS: RE: CR560135						
OC1990661	2018/05/02	TRANSMISSION-LAND		*** DELETED AGAINST THIS PROPERTY *** UNSWORTH, CARSON	UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN UNSWORTH, CARSON - ESTATE	
OC2001995	2018/06/12	APL CH NAME INST		*** COMPLETELY DELETED *** CARSONS BODY REPAIRS LIMITED	WESTBORO SELF STORAGE LTD.	
REMARKS: CR641556 CR548022. CR548022, CR641556						
OC2002017	2018/06/12	DISCH OF CHARGE		*** COMPLETELY DELETED *** WESTBORO SELF STORAGE LTD.		
REMARKS: CR548022.						
OC2004404	2018/06/20	NOTICE	\$1	CITY OF OTTAWA	2196472 ONTARIO INC. UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN	C
OC2069482	2019/01/09	TRANS PERSONAL REP	\$16,236,920	MORRIS-UNSWORTH, CAROL ANN UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE	1213763 ONTARIO INC.	C
REMARKS: PLANNING ACT STATEMENTS.						



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SCALE



PROPERTY INDEX MAP OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE
PROPERTY INFORMATION AS THIS MAP MAY
NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND
DOCUMENTS RECORDED IN THE LAND
REGISTRATION SYSTEM AND HAS BEEN PREPARED
FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE
RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT
REFERENCE PLANS ARE NOT ILLUSTRATED



CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 1976 Scott Street, Ottawa
 Legal Description: lot 19, Plan 273
 PIN #: 04021-0026(LT)

Searched at: Ottawa
 LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (100 acres)	31 05 1803	Crown	Elijah SPICER
RO52	Deed	24 12 1804	Elijah Spicer	Rice HONEYWELL
RO32	Deed	12 08 1821	Rice Honeywell	Peter AYLES
RO125	Deed	18 09 1837	Peter Ayles	Thomas GIBBONS
RO13086	Deed	06 01 1860	Richard Hart, exor. Of the estate of Thomas Gibbons	John HENRY
RO27314	Deed	26 01 1867	John Henry	Isabella ARCHIBALD
NP2228	Deed	18 09 1873	Isabella Archibald	Evan CAMERON
NP22709	Deed	15 05 1909	Evan Cameron	William ROSS
NP29904	Deed	22 11 1915	William Ross	David LATIMER

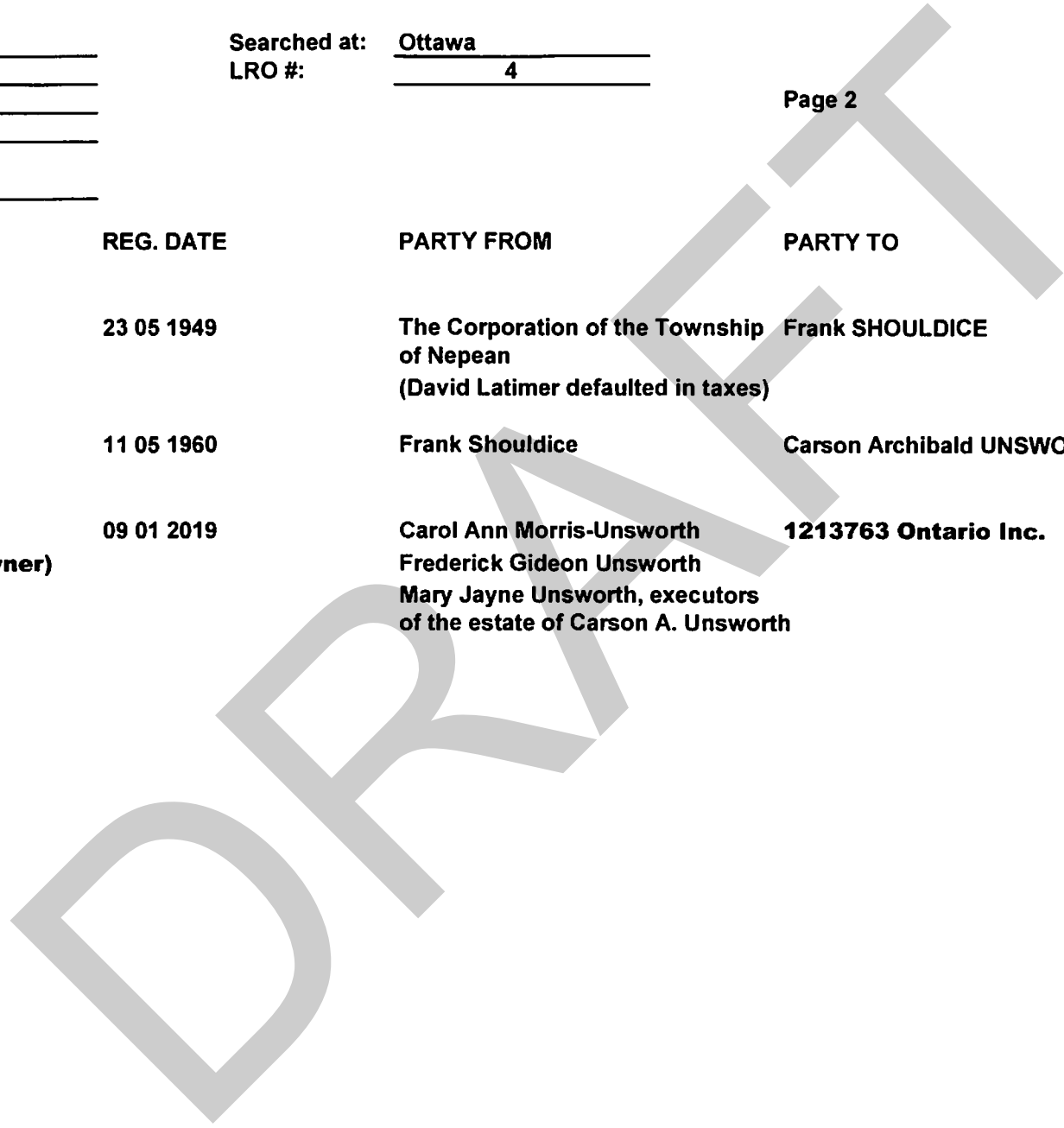
Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 20200128293
 Address: 1976 Scott Street, Ottawa
 Legal Description: lot 19, Plan 273
 Description: _____
 PIN #: 04021-0026(LT)

Searched at: Ottawa
 LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
NP62201	Tax Deed	23 05 1949	The Corporation of the Township of Nepean (David Latimer defaulted in taxes)	Frank SHOULDICE
CR405292	Deed	11 05 1960	Frank Shouldice	Carson Archibald UNSWORTH
OC2069482	Deed (Present Owner)	09 01 2019	Carol Ann Morris-Unsworth Frederick Gideon Unsworth Mary Jayne Unsworth, executors of the estate of Carson A. Unsworth	1213763 Ontario Inc.



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 REGISTRY
 OFFICE #4

04021-0026 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: LT 19, PL 273 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:
 FEE SIMPLE
 LT CONVERSION QUALIFIED

RECENTLY:
 FIRST CONVERSION FROM BOOK 186

PIN CREATION DATE:
 1996/05/27

OWNERS' NAMES
 1213763 ONTARIO INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
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CR405292	1960/05/11	TRANSFER		*** COMPLETELY DELETED ***	UNSWORTH, CARSON ARCHIBALD	
OC1990662	2018/05/02	TRANSMISSION-LAND		*** COMPLETELY DELETED *** UNSWORTH, CARSON ARCHIBALD	UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN UNSWORTH, CARSON ARCHIBALD - ESTATE	
OC2004404	2018/06/20	NOTICE	\$1	CITY OF OTTAWA	2196472 ONTARIO INC. UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE MORRIS-UNSWORTH, CAROL ANN	C
OC2069482	2019/01/09	TRANS PERSONAL REP	\$16,236,920	MORRIS-UNSWORTH, CAROL ANN	1213763 ONTARIO INC.	C

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REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				UNSWORTH, FREDERICK GIDEON UNSWORTH, MARY JAYNE		
REMARKS: PLANNING ACT STATEMENTS.						

DRAFT

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PROPERTY INDEX MAP OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
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THIS IS NOT A PLAN OF SURVEY

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FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



DRAFT

APPENDIX G
ERIS Report



DATABASE REPORT

Project Property:

*320 McRae Avenue, 1976 Scott Street, 311
and 315 Tweedsmuir Avenue, Ottawa,
Ontario*

*315 Tweedsmuir Ave
Ottawa ON K1Z 5N3
230236.005*

Project No:

Report Type:

RSC Report (Urban)

Order No:

20200115060

Requested by:

Pinchin Ltd.

Date Completed:

January 20, 2020

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property:

320 McRae Avenue, 1976 Scott Street, 311 and 315 Tweedsmuir Avenue, Ottawa,
Ontario

Project No:

315 Tweedsmuir Ave Ottawa ON K1Z 5N3
230236.005

Order Information:

Order No:

20200115060

Date Requested:

January 15, 2020

Requested by:

Pinchin Ltd.

Report Type:

RSC Report (Urban)

Historical/Products:

Topographic Map

RSC Maps

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	1	0	1
BORE	<i>Borehole</i>	Y	0	5	5
CA	<i>Certificates of Approval</i>	Y	0	17	17
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	8	8
ECA	<i>Environmental Compliance Approval</i>	Y	0	13	13
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	28	29
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	11	20	31
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FED TANKS	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	7	7
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	4	103	107
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	3	3
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
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	14	14
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	4	4
PINC	Pipeline Incidents	Y	0	3	3
PRT	Private and Retail Fuel Storage Tanks	Y	1	2	3
PTTW	Permit to Take Water	Y	0	2	2
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	6	6
RST	Retail Fuel Storage Tanks	Y	0	1	1
SCT	Scott's Manufacturing Directory	Y	1	25	26
SPL	Ontario Spills	Y	1	35	36
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	37	37
Total:			20	336	356

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	EHS		320 McRae Ave, 1976 Scott Street, 311 & 315 Tweensmuir Avenue Ottawa ON K1Z 5N3	SE/0.0	0.35	74
3	PRT	JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z6T3	NNW/0.0	0.01	74
3	GEN	JAY'S GAS BAR	1976 SCOTT STREET OTTAWA ON K1Z 6T3	NNW/0.0	0.01	74
3	EXP	JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	NNW/0.0	0.01	74
3	EXP	JS GAS BAR	1976 SCOTT ST OTTAWA ON	NNW/0.0	0.01	75
3	EXP	JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	NNW/0.0	0.01	75
3	EXP	JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	NNW/0.0	0.01	75
3	EXP	JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	NNW/0.0	0.01	75

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
3	EXP	JS GAS BAR	1976 SCOTT ST OTTAWA ON	NNW/0.0	0.01	75
3	EXP	JS GAS BAR	1976 SCOTT ST OTTAWA ON	NNW/0.0	0.01	76
3	EXP	JS GAS BAR	1976 SCOTT ST OTTAWA ON	NNW/0.0	0.01	76
3	EXP	JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	NNW/0.0	0.01	76
3	EXP	JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	NNW/0.0	0.01	76
3	EXP	JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	NNW/0.0	0.01	77
4	SPL	DRUMMOND FUELS	JAYS GAS BAR, 320 MCRAE AVE (SCOTT AND MCRAE) TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 5R8	SE/0.0	0.34	77
4	SCT	AUTO REB-EX INTERNATIONAL	320 McRae St Ottawa ON K1Z 5R8	SE/0.0	0.34	77
4	AUWR	AUTO REB-EX INTERNATIONAL INC	320 MCRAE AVE OTTAWA ON K1Z 5R8	SE/0.0	0.34	78

<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>4</u>	GEN	CARSON'S BODY REPAIRS LTD.	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	SE/0.0	0.34	<u>78</u>
<u>4</u>	GEN	CARSON'S BODY REPAIRS (OUT OF BUSINESS)	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	SE/0.0	0.34	<u>78</u>
<u>4</u>	GEN	CARSON'S BODY REPAIRS LTD. 08-817	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	SE/0.0	0.34	<u>79</u>

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
2	SPL	PRIVATE RESIDENCE	325 TWEEDSMUIR AVE, OTTAWA FURNACE OIL TANK OTTAWA CITY ON K1Z 5N3	S/13.8	1.12	79
5	EHS		Mcrae Avenue Ottawa ON	ESE/1.6	1.07	79
6	SPL		335 Tweedsmuir Ave Ottawa ON	SSE/10.6	1.07	80
7	ECA	City of Ottawa	McRae Ave and Scott St Ottawa ON K1P 1J1	N/9.1	-0.73	80
8	CA		Tweedsmuir Avenue and Scott Street Ottawa ON	WNW/11.5	-0.18	80
9	WWIS		ON <i>Well ID: 7265890</i>	NNE/39.6	-0.80	81
10	ECA	City of Ottawa	Tweedsmuir Avenue and Scott St Ottawa ON K1N 5A1	WNW/21.7	-0.13	81
11	RSC		1960 SCOTT STREET, OTTAWA, ON K1Z 8L8 Ottawa ON	NE/58.3	-0.80	81
12	GEN	GERVAIS MOTORS LTD.	1960 SCOTT ST. OTTAWA ON K1Z 8L8	NE/59.0	-0.80	83
12	GEN	GERVAIS MOTORS LTD. 17-200	1960 SCOTT ST. OTTAWA ON K1Z 8L8	NE/59.0	-0.80	83
12	SCT	Instrument Systems Inc.	1960 Scott St Suite 302 Ottawa ON K1Z 8L8	NE/59.0	-0.80	83
12	SCT	NCF Directory	1960 Scott St Ottawa ON K1Z 8L8	NE/59.0	-0.80	84

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
13	RSC		319 MCRAE AVENUE, OTTAWA, ON K1Z 5T9 Ottawa ON	E/57.6	0.43	84
14	EHS		336 Tweedsmuir Ottawa ON	SSW/63.0	1.12	85
15	EHS		2000 Scott Street Ottawa ON K1Z 6T2	W/62.7	0.19	85
16	GEN	DOMICILE DEVELOPMENTS INC	309 ATHLONE AVENUE OTTAWA ON K1Z 5M3	W/62.7	0.19	85
16	RSC	Ottawa Salus Corporation	309 ATHLONE AVE, OTTAWA, ON, K1Z 5M3 Ottawa ON K1Z 5M3	W/62.7	0.19	86
17	WWIS		lot 57 OTTAWA ON Well ID: 1535860	W/69.2	0.19	86
18	SPL		Ottawa ON	WSW/76.0	1.18	89
19	SPL	Construction <UNOFFICIAL>	319 McRae St. Ottawa ON	ESE/57.6	1.06	89
19	GEN	Broccolini Construction Ottawa Inc.	319 McRae ottawa ON K1Z 5R8	ESE/57.6	1.06	90
20	SPL		359 McRae Street<UNOFFICIAL> Ottawa ON K1Z 8P4	SE/53.0	1.36	90
20	HINC		359 McRAE STREET OTTAWA ON	SE/53.0	1.36	91
21	EHS		361 McRae Avenue Ottawa ON K1Z 8P4	SE/62.0	1.42	91

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	SCT	Design 1st Inc.	314 Athlone Ave Ottawa ON K1Z 5M4	WSW/114.6	0.87	91
23	SCT	FINE PRINT INC.	345A ATHLONE AVE OTTAWA ON K1Z 5M3	SSW/107.4	2.12	92
24	SCT	Hash Machinery Systems	35 Briarway Pvt Ottawa ON K1Z 1C3	NNW/117.2	-1.95	92
25	GEN	HYDRO OTTAWA	305 CLIFTON OTTAWA ON K1Z 5V1	NE/153.0	-1.82	92
26	SPL	Hydro Ottawa Limited	305 Clifton Rd Ottawa ON	NE/153.1	-1.82	93
27	SPL		342 Athlone Avenue Ottawa ON K1Z 5M4	SW/151.0	2.27	93
28	WWIS		OTTAWA ON Well ID: 7245885	SSW/150.6	2.22	94
29	EHS		1946 Scott St Ottawa ON K1Z1E3	ENE/177.5	-1.82	96
30	ECA	Westboro Lofts Inc.	1946 Scott St Ottawa ON K1Y 2C1	ENE/178.5	-1.82	96
30	RSC		1946 SCOTT STREET, OTTAWA, ON K1Z 1E8 Ottawa ON	ENE/178.5	-1.82	96
31	EHS		1946 Scott Street Ottawa ON	NE/173.5	-1.82	97
32	SPL	PRIVATE BUSINESS (N.O.S.)	225 RICHMOND RD. OTTAWA OTTAWA CITY ON K1Z 6W7	SE/127.1	2.13	98
32	EBR	Otto's Service Centre Limited	225/245 Richmond Road Ottawa Ontario K1Z 6W7 Ottawa ON	SE/127.1	2.13	98

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
32	CA	3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	SE/127.1	2.13	98
32	EBR	Otto's Service Centre Limited	225 Richmond Road Ottawa K1Z 5H1 CITY OF OTTAWA ON	SE/127.1	2.13	99
32	ECA	Otto's Service Centre Limited	225/245 Richmond Road Ottawa ON K1Z 6W7	SE/127.1	2.13	99
32	ECA	3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	SE/127.1	2.13	100
33	WWIS		OTTAWA ON Well ID: 7240885	W/161.2	-0.97	100
34	GEN	CANADIAN BROADCASTING CORP.	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	NW/158.3	-1.88	102
34	GEN	CANADIAN BROADCASTING CORP.	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	NW/158.3	-1.88	103
34	GEN	CANADIAN BROADCASTING CORP. 08-276	250 LANARK AVE. OTTAWA ON K1Z 6R5	NW/158.3	-1.88	103
34	GEN	CANADIAN BROADCASTING CORP. 08-276	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	NW/158.3	-1.88	103
34	GEN	CANADIAN BROADCASTING CORPORATION	250 LANARK AVENUE OTTAWA ON K1Y 1E4	NW/158.3	-1.88	104
34	GEN	ProFac -CBC Ottawa	250 Lanark Avenue Ottawa ON K1Y 1E4	NW/158.3	-1.88	105
34	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	NW/158.3	-1.88	105
34	GEN	SNC Lavalin Profac	Graham Spry Bldg. 250 Lanark Ave. Ottawa ON K1Z 1G4	NW/158.3	-1.88	106

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
34	SPL		Graham Spry Building, 250 Lanark Ave. <UNOFFICIAL> Ottawa ON K1Z 1G4	NW/158.3	-1.88	106
34	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	NW/158.3	-1.88	107
34	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	NW/158.3	-1.88	108
34	SPL	SNC-Lavalin Constructors (Pacific) Inc.	250 Lanark Avenue Ottawa ON	NW/158.3	-1.88	109
34	GEN	SNC LAVALIN O & M	250 LANARK AVENUE OTTAWA ON	NW/158.3	-1.88	109
34	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	NW/158.3	-1.88	109
34	NPRI	CANADIAN BROADCASTING CORPORATION	250 Lanark Ave. Ottawa ON K1Z6R5	NW/158.3	-1.88	110
34	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON	NW/158.3	-1.88	111
34	EHS		250 Lanark Ave Ottawa ON K1Z1G4	NW/158.3	-1.88	112
34	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	NW/158.3	-1.88	112
34	GEN	BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	NW/158.3	-1.88	113
34	GEN	BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	NW/158.3	-1.88	114
35	WWIS		OTTAWA ON	W/162.7	-0.97	114

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 7240887			
36	BORE		ON	NE/179.5	-1.67	117
37	CA	Otto's Service Centre Limited	225/245 Richmond Road Ottawa ON	SSE/144.9	3.21	118
38	WWIS		OTTAWA ON <i>Well ID:</i> 7300858	S/153.9	2.99	118
39	WWIS		OTTAWA ON <i>Well ID:</i> 7300863	S/160.7	3.03	121
40	CA	Minto (Island Park) Limited	38 Metropole Private Ottawa ON	NNE/174.8	-2.75	124
40	ECA	Minto (Island Park) Limited	38 Metropole Pvt Ottawa ON K1R 7Y2	NNE/174.8	-2.75	124
41	GEN	Leimerk Developments Ltd.	205 Richmond Road Ottawa ON K1Z 6W4	ESE/152.6	2.23	125
42	SCT	Aland Enterprises	199 Richmond Rd Ottawa ON K1Z 6W4	ESE/161.8	2.25	125
43	GEN	Bushtukah	203 Richmond rd Ottawa ON K1Z 6W4	ESE/160.2	2.21	125
43	GEN	Bushtukah	203 Richmond rd Ottawa ON	ESE/160.2	2.21	125
43	GEN	Bushtukah	203 Richmond rd Ottawa ON	ESE/160.2	2.21	126
44	WWIS		OTTAWA ON <i>Well ID:</i> 7300862	S/171.5	2.99	126
45	SPL	City of Ottawa	1997 Scott St. Ottawa ON	NE/204.0	-2.76	129

<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>
45	CA	City of Ottawa	1997 Scott Station Ottawa ON	NE/204.0	-2.76	129
45	GEN	City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON	NE/204.0	-2.76	130
45	ECA	City of Ottawa	1997 Scott Station Ottawa ON K2G 6J8	NE/204.0	-2.76	130
45	GEN	City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON K1G 0Z8	NE/204.0	-2.76	130
45	GEN	City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON K1G 0Z8	NE/204.0	-2.76	131
45	GEN	City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON K1G 0Z8	NE/204.0	-2.76	131
45	GEN	City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON K1Z 6T2	NE/204.0	-2.76	131
45	GEN	City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON K1G 0Z8	NE/204.0	-2.76	131
46	CA	BOB PETER'S GARAGE INC.	2046 SCOTT STREET OTTAWA CITY ON K1Z 6T1	WSW/208.3	1.08	132
46	EBR	Bob Peter's Garage Inc.	2046 Scott Street CITY OF OTTAWA ON	WSW/208.3	1.08	132
46	SPL		2046 Scott St Ottawa ON	WSW/208.3	1.08	132
46	PINC		2046 SCOTT ST, OTTAWA ON	WSW/208.3	1.08	133
47	WWIS		ON	SSW/192.9	3.20	133

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 1532963			
48	EHS		193 Richmond Rd Ottawa ON K1Z6W4	ESE/170.5	2.28	136
49	WWIS		OTTAWA ON <i>Well ID:</i> 7170723	WSW/211.3	1.05	136
50	EHS		255 Richmond Rd Ottawa ON K1Z6X1	S/175.1	4.12	140
51	EHS		255 Richmond Road Ottawa ON K1Z 6X1	S/175.2	4.12	140
51	CA	Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa ON K1Z 6X1	S/175.2	4.12	140
51	GEN	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	S/175.2	4.12	140
51	GEN	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	S/175.2	4.12	141
51	GEN	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	S/175.2	4.12	141
51	GEN	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON	S/175.2	4.12	141
52	EBR	Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa Ontario Ottawa ON	S/175.6	4.08	141
52	ECA	Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa ON K1Z 6X1	S/175.6	4.08	142
52	SPL		255 Richmond Rd Ottawa; Ottawa ON NA	S/175.6	4.08	142
53	WWIS		OTTAWA ON	S/178.7	4.12	143

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7300860			
54	WWIS		OTTAWA ON Well ID: 7170722	WSW/215.3	1.08	145
55	WWIS		OTTAWA ON Well ID: 7300859	S/178.1	4.08	149
56	SPL		222 Richmond Road Ottawa ON K1Z 6W6	SE/175.7	3.05	151
56	SPL		222 Richmond Rd. Ottawa ON	SE/175.7	3.05	152
57	WWIS		Ottawa ON Well ID: 7115803	S/182.8	4.08	152
58	CA	OTTAWA CITY	RICHMOND RD./TWEEDSMUIR AVE. OTTAWA CITY ON	SSE/180.0	4.08	155
58	SPL	City of Ottawa	corner of Tweedsmuir Ave & Richmond Road Ottawa ON	SSE/180.0	4.08	155
58	GEN	City of Ottawa	Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	SSE/180.0	4.08	156
59	WWIS		Ottawa ON Well ID: 7295741	S/184.5	4.08	156
60	SPL	ULTRAMAR	261 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6X1	S/189.9	4.14	159
60	SCT	Rose Drapery Ltd.	261 Richmond Rd Ottawa ON K1Z 6X1	S/189.9	4.14	160
61	SPL	Enbridge Gas Distribution Inc.	263 Richmond Rd Ottawa ON	S/190.0	4.14	160

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
62	EHS		2050 Scott Street Ottawa ON K1Z 6T1	WSW/224.7	1.05	160
63	EHS		175 Richmond Road Ottawa ON K1Z 6W4	E/205.4	1.09	161
64	SCT	Guillevin International Co.	175 Richmond Rd Ottawa ON K1Z 6W3	E/206.4	1.09	161
65	GEN	LAMBLE PHOTO-LAB SERVICES 24-946	371 ATHLONE AVE. OTTAWA ON K1Z 5M3	S/197.8	4.14	161
65	SCT	Rose Drapery Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	S/197.8	4.14	161
65	SCT	Rose Draperies Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	S/197.8	4.14	162
66	SPL	MOTOR VEHICLE	259 RICHMOND RD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 6X1	S/195.0	4.12	162
67	WWIS		OTTAWA ON <i>Well ID:</i> 7300861	S/196.5	4.12	162
68	WWIS		OTTAWA ON <i>Well ID:</i> 7240886	NNW/213.5	-2.83	165
69	WWIS		Ottawa ON <i>Well ID:</i> 7136557	S/206.0	4.14	167
70	SCT	ALBERT & SON ENGRAVERS	350A KIRKWOOD AVE OTTAWA ON K1Z 8P1	E/223.3	1.18	169
70	SCT	Albert & Son Engravers	350 Kirkwood Ave Unit A Ottawa ON K1Z 8P1	E/223.3	1.18	169
70	GEN	ALBERT & SON ENGRAVERS	350A KIRKWOOD AVENUE OTTAWA ON K1Z 8Y1	E/223.3	1.18	170

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
70	SCT	Paper Sign Man	350 Kirkwood Ave Ottawa ON K1Z 8P1	E/223.3	1.18	170
70	SCT	Signs in 23 hours.com	350 Kirkwood Ave Ottawa ON K1Z 8P1	E/223.3	1.18	170
71	WWIS		ON <i>Well ID: 7224472</i>	E/223.9	1.18	171
72	SPL	PETRO-CANADA	236 RICHMOND ROAD SERVICE STATION OTTAWA CITY ON K1Z 6W6	SSE/198.8	4.11	171
72	PRT	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	172
72	RST	NICK'S SERVICE CENTRE	236 RICHMOND RD OTTAWA ON K1Z6W6	SSE/198.8	4.11	172
72	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	172
72	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	172
72	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	173
72	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	173
72	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	173
72	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON	SSE/198.8	4.11	173
72	FST	BELWINDY ENT LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	173

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
72	FST	BELWINDY ENT LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	174
72	FST	BELWINDY ENT LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	174
72	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	174
72	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	175
72	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	175
72	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	175
72	RSC		236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	SSE/198.8	4.11	175
72	GEN	Tweedsmuir and Main Urban Properties Inc.	236 RICHMOND ROAD OTTAWA ON K1Z 6W6	SSE/198.8	4.11	176
73	EHS		236 Richmond Rd Ottawa ON K1Z6W6	SSE/198.8	4.11	177
74	WWIS		ON Well ID: 7136559	SSE/203.9	4.09	177
75	HINC		267 Richmond Rd OTTAWA ON	S/219.4	4.14	179
75	GEN	850676 ontario Limited	267 Richmond Rd. Ottawa ON K1Z 6X3	S/219.4	4.14	179
76	SCT	Brebner Manufacturing & Repairs Inc.	360 Kirkwood Ave Ottawa ON K1Z 8P1	E/227.6	1.00	180

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
77	WWIS		Ottawa ON <i>Well ID:</i> 7136558	SSE/210.8	4.09	180
78	BORE		ON	SSE/214.5	4.07	182
79	WWIS		ON <i>Well ID:</i> 1508932	SSE/214.7	4.07	183
80	EHS		2060 Scott Street Ottawa ON K1Z 6T1	WSW/261.9	1.22	185
81	WWIS		OTTAWA ON <i>Well ID:</i> 1536023	ESE/229.8	2.05	185
82	WWIS		Ottawa ON <i>Well ID:</i> 7265950	NNE/239.8	-2.88	187
83	SCT	Y'S OWL CO-OPERATIVE INC	290 PICTON AVE OTTAWA ON K1Z 8P8	SSW/255.5	3.17	189
83	SCT	Orezone Resources Inc.	290 Picton St Suite 201 Ottawa ON K1Z 8P8	SSW/255.5	3.17	190
83	SCT	Apption Software Inc.	290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	SSW/255.5	3.17	190
83	SCT	Orezone Gold Corporation	290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	SSW/255.5	3.17	190
84	BORE		ON	W/247.4	-0.90	190
85	WWIS		Ottawa ON <i>Well ID:</i> 7233868	W/249.0	-0.89	192
86	SPL	SUNOCO	256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	S/231.3	4.06	194

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
86	PRT	C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	S/231.3	4.06	195
86	CA	C CORP (ONTARIO) INC.	256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	S/231.3	4.06	195
86	FSTH	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	195
86	GEN	MACS CONVENIENCE STORES INC.	256 RICHMOND RD., OTTAWA ON K1Z 6W9	S/231.3	4.06	196
86	FSTH	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	196
86	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	197
86	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	197
86	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	197
86	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	198
86	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	S/231.3	4.06	198
86	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	S/231.3	4.06	198
86	FST	MAC'S CONVENIENCE STORES INC**	256 RICHMOND R DAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	198

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
86	FST	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	199
86	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	199
86	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	199
86	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	199
86	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	200
86	FST	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	200
86	FST	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AVE OTTAWA ON K1Z 6W9	S/231.3	4.06	200
87	WWIS		ON <i>Well ID: 7317351</i>	SSW/245.1	4.31	200
88	SPL	Enbridge Gas Distribution Inc.	238 Richmond Road Ottawa ON	SSE/229.0	4.09	201
89	EHS		238 Richmond Rd Ottawa ON K1Z6W6	SSE/233.3	4.09	201
90	WWIS		Ottawa ON <i>Well ID: 7265949</i>	NNE/257.3	-3.93	202
91	EHS		270 Richmond Rd Ottawa ON K1Z6X2	S/247.6	4.31	205
92	WWIS		ON	ENE/289.8	-0.85	205

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 7179257			
93	WWIS		Ottawa ON <i>Well ID:</i> 7290747	NNE/256.8	-3.96	205
94	WWIS		ON <i>Well ID:</i> 7317352	SSW/255.9	4.12	207
95	SCT	In'Flector Control Systems	157 Premier Ave Ottawa ON K1Z 8P7	NE/274.2	-3.48	208
95	SCT	In'Flector Air Quality	157 Premier Ave Ottawa ON K1Z 8P7	NE/274.2	-3.48	208
96	WWIS		Ottawa ON <i>Well ID:</i> 7290746	NNE/258.2	-3.96	208
97	WWIS		Ottawa ON <i>Well ID:</i> 7265951	NNE/258.5	-3.96	209
98	CA	R.M. OF OTTAWA-CARLETON	SCOTT ST./WINONA AVE./CLIFTON OTTAWA CITY ON	WSW/281.5	0.42	212
99	EHS		175 Richmond Road Ottawa ON	ESE/249.7	2.06	212
100	BORE		ON	ENE/293.2	-0.85	213
101	WWIS		ON <i>Well ID:</i> 7242470	S/244.1	4.59	215
102	GEN	OTTAWA BOARD OF EDUCATION	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	NW/263.4	-2.75	215
102	GEN	OTTAWA (SEE&USE ON1285702)	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	NW/263.4	-2.75	216

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
102	GEN	OTTAWA (SEE&USE ON1285702) 29-129	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	NW/263.4	-2.75	216
103	WWIS		Ottawa ON Well ID: 7290748	NNE/263.6	-3.90	216
104	HINC		186 LANARK AVENUE OTTAWA ON K1Z 6R5	N/260.4	-3.96	218
105	CA	R.M. OF OTTAWA-CARLETON	KIRKWOOD AVE/RICHMOND RD. OTTAWA CITY ON	ESE/256.0	2.06	218
106	BORE		ON	E/297.5	0.03	218
107	EHS		2 Van Lang Pvt Ottawa ON K1Z1A6	W/278.1	-0.77	220
108	PINC		310 ELMGROVE AVE, OTTAWA ON	SW/298.4	3.10	220
108	SPL	Enbridge Gas Distribution Inc.	310 Elmsgrove Ave Ottawa ON	SW/298.4	3.10	221
109	CA	R.L. CRAIN INC.	190 RICHMOND RD. OTTAWA CITY ON K1Z 6W6	SE/251.8	4.26	221
109	SCT	CRAIN-DRUMMOND INC.	190 RICHMOND RD OTTAWA ON K1Z 6W6	SE/251.8	4.26	222
109	CA	R.L. CRAIN INC.	190 RICHMOND RD. OTTAWA CITY ON K1Z 6W6	SE/251.8	4.26	222
109	PES	REAL CANADIAN SUPERSTORE #1009	190 RICHMOND RD OTTAWA ON K1Z6W6	SE/251.8	4.26	222
109	GEN	R.L. GRAIN INC.	190 RICHMOND ROAD OTTAWA ON K1Z 6W6	SE/251.8	4.26	223

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
109	GEN	R.L. CRAIN INC.	190 RICHMOND ROAD OTTAWA ON K1Z 6W6	SE/251.8	4.26	223
109	GEN	R.L. CRAIN (SEE&USE ON0249903)	190 RICHMOND ROAD OTTAWA ON K1Z 6W6	SE/251.8	4.26	224
109	GEN	R.L. CRAIN (SEE&USE ON0249903) 33-141	190 RICHMOND ROAD OTTAWA ON K1G 3J7	SE/251.8	4.26	224
109	GEN	CRAIN-DRUMMOND INC.	190 RICHMOND ROAD P.O.BOX 8392 OTTAWA ON K1Z 6W6	SE/251.8	4.26	224
109	GEN	CRAIN-DRUMMOND INC. 33- 141	190 RICHMOND ROAD OTTAWA ON K1G 3J7	SE/251.8	4.26	224
109	GEN	CRAIN-DRUMMOND INC. 33- 141	190 RICHMOND ROAD P.O.BOX 8392 OTTAWA ON K1Z 6W6	SE/251.8	4.26	225
109	GEN	CRAIN-DRUMMOND INC	190 RICHMOND ROAD OTTAWA ON K1G 3J7	SE/251.8	4.26	225
109	GEN	CRAIN-DRUMMOND INC.	190 RICHMOND ROAD OTTAWA ON K1G 3J7	SE/251.8	4.26	226
109	PES	REAL CANADIAN SUPERSTORE #1009	190 RICHMOND RD OTTAWA ON K1Z 6W6	SE/251.8	4.26	226
109	PES	REAL CANADIAN SUPERSTORE #1009	190 RICHMOND RD OTTAWA ON K1Z 6W6	SE/251.8	4.26	227
109	EHS		190 Richmond Rd. Ottawa ON K1Z 6W6	SE/251.8	4.26	227
109	GEN	Calian Ltd.	190 Richmond Road, 2nd Floor ottawa ON K1Z 6W6	SE/251.8	4.26	227
109	GEN	Loblaw Companies Limited	190 Richmond Rd. Ottawa ON K1Z 6W6	SE/251.8	4.26	228

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
109	GEN	Loblaw Companies Limited	190 Richmond Rd. Ottawa ON K1Z 6W6	SE/251.8	4.26	229
109	GEN	Calian Ltd.	190 Richmond Road, 2nd Floor ottawa ON K1Z 6W6	SE/251.8	4.26	229
109	GEN	Calian Ltd.	190 Richmond Road, 2nd Floor ottawa ON K1Z 6W6	SE/251.8	4.26	229
109	GEN	LOBLAWS INC.	190 Richmond Rd. Ottawa ON K1Z 6W6	SE/251.8	4.26	229
109	GEN	Harik General Contracting	190 Richmond Road Ottawa ON K1Z 6W6	SE/251.8	4.26	231
109	RSC		190 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	SE/251.8	4.26	231
109	GEN	Westboro Medical Centre	190 Richmond Rd. Ottawa On. ON K1W6W6	SE/251.8	4.26	232
109	EHS		190 Richmond Road Ottawa ON	SE/251.8	4.26	233
109	EHS		190 Richmond Road Ottawa ON K1Z 6W6	SE/251.8	4.26	233
109	PES	REAL CANADIAN SUPERSTORE #1009	190 RICHMOND RD OTTAWA ON K1Z6W6	SE/251.8	4.26	233
109	GEN	LOBLAWS INC.	190 Richmond Rd. Ottawa ON K1Z 6W6	SE/251.8	4.26	233
109	GEN	Choice Properties	222-190 Richmond Road Ottawa ON K1Z 6W6	SE/251.8	4.26	235
110	EHS		277 Richmond Rd Ottawa On Ottawa ON K1Z6X3	SSW/280.9	4.20	235

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
111	SCT	Canadian Bank Note Co. Ltd.	145 Richmond Rd Ottawa ON K1Z 1A1	E/291.7	0.08	235
111	CA	CANADIAN BANK NOTE COMPANY LTD.	145 RICHMOND ROAD OTTAWA CITY ON K1Z 1A1	E/291.7	0.08	236
111	SPL	PRIVATE BUSINESS	145 RICHMOND DR. STORAGE TANK OTTAWA CITY ON K1Z 1A1	E/291.7	0.08	236
111	SCT	Canadian Bank Note Company Limited	145 Richmond Rd Ottawa ON K1Z 1A1	E/291.7	0.08	236
111	EBR	Canadian Bank Note Company Ltd.	145 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA ON	E/291.7	0.08	237
111	PTTW	Canadian Bank Note Company Ltd.	145 Richmond Road, Ottawa CITY OF OTTAWA ON	E/291.7	0.08	237
111	PTTW	Canadian Bank Note Company Ltd.	Lot 145 Richmond Road CITY OF OTTAWA ON	E/291.7	0.08	238
111	GEN	CANADIAN BANK NOTE CO. LTD.	P.O. BOX 8394 145 RICHMOND ROAD OTTAWA ON K1Z 1A1	E/291.7	0.08	238
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 RICHMOND ROAD OTTAWA ON K1Z 1A1	E/291.7	0.08	239
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED08-146	145 RICHMOND ROAD OTTAWA ON K1Z 1A1	E/291.7	0.08	240
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON K1Z 1A1	E/291.7	0.08	240
111	GEN	Ed Brunet & Associates Inc.	145 Richmond Road Ottawa ON K1Z 1A1	E/291.7	0.08	242
111	NPRI	CANADIAN BANK NOTE, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	242

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
111	NPRI	CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	243
111	NPRI	CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	246
111	NPRI	CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	249
111	EBR	Canadian Bank Note Company, Limited	145 Richmond Road Ottawa Ontario K1Z 1A1 Ottawa ON	E/291.7	0.08	250
111	EBR	Canadian Bank Note Company, Limited	145 Richmond Road Ottawa Ontario K1Z 1A1 Ottawa ON	E/291.7	0.08	250
111	NPRI	CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	251
111	SPL	Waste Management of Canada Corporation; Canada Bank Note<UNOFFICIAL>	145 Richmond Rd Ottawa ON K1Z 1A1	E/291.7	0.08	252
111	EHS		145 Richmond Road Ottawa ON K1Z 1A1	E/291.7	0.08	253
111	NPRI	CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	253
111	SPL	Pinchin Environmental Ltd.	145 Richmond Rd Ottawa ON K1Z 1A1	E/291.7	0.08	254
111	EBR	Canadian Bank Note Company, Limited	145 Richmond Road Ottawa K1Z 1A1 CITY OF OTTAWA ON	E/291.7	0.08	255
111	CA	Canadian Bank Note Company, Limited	145 Richmond Road Ottawa ON K1Z 1A1	E/291.7	0.08	255

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
111	CA	Canadian Bank Note Company, Limited	145 Richmond Road Ottawa ON K1Z 1A1	E/291.7	0.08	256
111	NPRI	CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	256
111	NPRI	CANADIAN BANK NOTE CO. LTD.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	257
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON K1Z 1A1	E/291.7	0.08	258
111	SPL	Canadian Bank Note Company, Limited	145 Richmond Rd Ottawa ON K1Z 1A1	E/291.7	0.08	259
111	NPRI	CANADIAN BANK NOTE CO. LTD.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	260
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON K1Z 1A1	E/291.7	0.08	261
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON K1Z 1A1	E/291.7	0.08	262
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON K1Z 1A1	E/291.7	0.08	264
111	NPRI	CANADIAN BANK NOTE CO. LTD.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	265
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON	E/291.7	0.08	266
111	NPRI	CANADIAN BANK NOTE CO. LTD.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	267
111	NPRI	CANADIAN BANK NOTE CO. LTD.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	268

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
111	SPL	Canadian Bank Note Company, Limited	145 Richmond Rd Ottawa ON K1Z 1A1	E/291.7	0.08	269
111	ECA	Canadian Bank Note Company, Limited	145 Richmond Road Ottawa ON K1Z 1A1	E/291.7	0.08	270
111	ECA	Canadian Bank Note Company, Limited	145 Richmond Rd Ottawa ON K1Z 1A1	E/291.7	0.08	270
111	ECA	Canadian Bank Note Company, Limited	145 Richmond Road Ottawa ON K1Z 1A1	E/291.7	0.08	270
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON k1z 1a1	E/291.7	0.08	270
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON k1z 1a1	E/291.7	0.08	272
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON k1z 1a1	E/291.7	0.08	273
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON k1z 1a1	E/291.7	0.08	275
111	NPRI	Canadian Bank Note Co. Ltd.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	E/291.7	0.08	276
111	GEN	CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON k1z 1a1	E/291.7	0.08	277
111	EHS		145 Richmond Road Ottawa ON K1Z 1A1	E/291.7	0.08	279
112	SPL		2070 Scott Street Ottawa ON K1Z 6S9	WSW/298.6	1.15	279
113	WWIS		Ottawa ON Well ID: 7265948	NNE/278.8	-3.90	280

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
114	WWIS		OTTAWA ON <i>Well ID: 7290749</i>	N/283.0	-3.97	283
115	EHS		320 Bloomfield Ave Ottawa ON K1Z6S6	W/287.4	-1.87	285
116	ECA	Falsetto Homes Inc.	283 Lanark Ave Ottawa ON K2G 1V2	WNW/287.8	-1.80	285
117	SCT	Essiac Canada Intl Inc.	164 Richmond Rd Ottawa ON K1Z 6W2	ESE/282.1	2.11	285
118	WWIS		ON <i>Well ID: 7224473</i>	SSW/296.7	4.20	285
119	SPL	8596239 Canada Inc. <UNOFFICIAL>	400 Athlone Ave Ottawa ON	S/284.0	5.17	286
120	ECA	City of Ottawa	320 Bloomfield Ave Lot 23 to 39, Concession Plan 54 "A" (Ottawa Front) Township of Nepean Ottawa ON K2G 6J8	W/298.7	-1.05	286
120	GEN	Corporation City of Ottawa	320 Bloomfield Avenue Ottawa ON K1Z 6S6	W/298.7	-1.05	287
120	GEN	Corporation City of Ottawa	320 Bloomfield Avenue Ottawa ON K1Z 6S6	W/298.7	-1.05	287
120	GEN	Corporation City of Ottawa	320 Bloomfield Avenue Ottawa ON K1Z 6S6	W/298.7	-1.05	287
120	GEN	Corporation City of Ottawa PBGOM	320 Bloomfield Avenue Ottawa ON K1Z 6S6	W/298.7	-1.05	288
120	GEN	Corporation City of Ottawa PBGOM	320 Bloomfield Avenue Ottawa ON K1Z 6S6	W/298.7	-1.05	288
121	SPL	Enbridge Gas Distribution Inc.	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SSE/275.2	4.81	288

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
121	INC		415 Tweedsmuir Avenue, Ottawa ON K1Z 5N6	SSE/275.2	4.81	289
122	GEN	OTTAWA, CITY OF- OPERATIONS BRANCH	CITY OF OTTAWA WORKS YARD 320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	W/299.6	-1.05	290
122	GEN	OTTAWA, CITY OF- OPERATIONS BRANCH 29-164	CITY OF OTTAWA WORKS YARD 320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	W/299.6	-1.05	290
122	GEN	OTTAWA, CITY OF	320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	W/299.6	-1.05	290
122	GEN	OTTAWA(SEE & USE ON0136202)	320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	W/299.6	-1.05	290
123	GEN	OTTAWA (SEE&USE ON1285702)	ECOLE S. CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	NW/299.5	-2.79	291
123	GEN	CONSEIL SCOLAIRE DE LANGUE FRANCAISE	ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	NW/299.5	-2.79	291
123	GEN	C.S.D.L.F.D'.O.-C.1420 PLACE BLAIR29-497	ECOLE/BUREAU DES SERVICES DE TRANSPORT CHAMPLAIN, 281 AVE LANARK OTTAWA ON K1Z 6R8	NW/299.5	-2.79	291
123	GEN	CONSEIL (OUT OF BUSINESS) E FRANCAISE	ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	NW/299.5	-2.79	292
123	GEN	Province of Ontario	281 Lanark Ave. Ottawa ON K1Z 6R8	NW/299.5	-2.79	292
123	EHS		281 Lanark Avenue Ottawa ON K1Z 6R8	NW/299.5	-2.79	292
123	GEN	JULES L+GER CENTRE	281 LANARK AVENUE OTTAWA ON K1Z 6R8	NW/299.5	-2.79	293

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
123	SPL	CBRE <UNOFFICIAL>	281 Lanark Avenue Ottawa ON K1Z 6R8	NW/299.5	-2.79	293
123	GEN	CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD.	281 LANARK AVENUE OTTAWA ON K1Z 6R8	NW/299.5	-2.79	293
123	GEN	CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD.	281 LANARK AVENUE OTTAWA ON K1Z 6R8	NW/299.5	-2.79	294
123	EHS		281 Lanark Ave Ottawa ON K1Z6R8	NW/299.5	-2.79	294
123	SPL		281 Lanark Ave Ottawa ON	NW/299.5	-2.79	295
124	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	NNW/297.8	-3.84	295
124	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	NNW/297.8	-3.84	295
124	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON	NNW/297.8	-3.84	295
124	SPL		200 Clearview Ave Ottawa ON	NNW/297.8	-3.84	296
124	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	NNW/297.8	-3.84	296
124	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	NNW/297.8	-3.84	297
124	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	NNW/297.8	-3.84	297
124	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	NNW/297.8	-3.84	297

<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>
124	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	NNW/297.8	-3.84	298
125	PINC		412 Tweedsmuir Ave. Ottawa ON	SSE/285.0	5.09	298
126	SPL	PRIVATE RESIDENCE	150 RICHMOND ROAD FURNACE OIL TANK OTTAWA CITY ON K1Z 6W2	E/297.9	2.16	299
127	EHS		190 Richmond St Ottawa ON	ESE/284.0	4.11	299
128	CA	R.M. OF OTTAWA-CARLETON	KIRKWOOD AVE/LYMAN ST. OTTAWA CITY ON	ESE/299.5	3.15	299

Executive Summary: Summary By Data Source

AUWR - Automobile Wrecking & Supplies

A search of the AUWR database, dated 1999-Jul 31, 2019 has found that there are 1 AUWR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
AUTO REB-EX INTERNATIONAL INC	320 MCRAE AVE OTTAWA ON K1Z 5R8	0.0	4

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 5 BORE site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	179.5	36
	ON	214.5	78
	ON	247.4	84
	ON	293.2	100
	ON	297.5	106

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 17 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Tweedsmuir Avenue and Scott Street Ottawa ON	11.5	<u>8</u>
3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	127.1	<u>32</u>
Otto's Service Centre Limited	225/245 Richmond Road Ottawa ON	144.9	<u>37</u>
Minto (Island Park) Limited	38 Metropole Private Ottawa ON	174.8	<u>40</u>
City of Ottawa	1997 Scott Station Ottawa ON	204.0	<u>45</u>
BOB PETER'S GARAGE INC.	2046 SCOTT STREET OTTAWA CITY ON K1Z 6T1	208.3	<u>46</u>
Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa ON K1Z 6X1	175.2	<u>51</u>
OTTAWA CITY	RICHMOND RD./TWEEDSMUIR AVE. OTTAWA CITY ON	180.0	<u>58</u>
C CORP (ONTARIO) INC.	256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	231.3	<u>86</u>
R.M. OF OTTAWA-CARLETON	SCOTT ST./WINONA AVE./CLIFTON OTTAWA CITY ON	281.5	<u>98</u>
R.M. OF OTTAWA-CARLETON	KIRKWOOD AVE/RICHMOND RD. OTTAWA CITY ON	256.0	<u>105</u>
R.L. CRAIN INC.	190 RICHMOND RD. OTTAWA CITY ON K1Z 6W6	251.8	<u>109</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
R.L. CRAIN INC.	190 RICHMOND RD. OTTAWA CITY ON K1Z 6W6	251.8	109
CANADIAN BANK NOTE COMPANY LTD.	145 RICHMOND ROAD OTTAWA CITY ON K1Z 1A1	291.7	111
Canadian Bank Note Company, Limited	145 Richmond Road Ottawa ON K1Z 1A1	291.7	111
Canadian Bank Note Company, Limited	145 Richmond Road Ottawa ON K1Z 1A1	291.7	111
R.M. OF OTTAWA-CARLETON	KIRKWOOD AVE/LYMAN ST. OTTAWA CITY ON	299.5	128

EBR - Environmental Registry

A search of the EBR database, dated 1994-Nov 30, 2019 has found that there are 8 EBR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Otto's Service Centre Limited	225/245 Richmond Road Ottawa Ontario K1Z 6W7 Ottawa ON	127.1	32
Otto's Service Centre Limited	225 Richmond Road Ottawa K1Z 5H1 CITY OF OTTAWA ON	127.1	32
Bob Peter's Garage Inc.	2046 Scott Street CITY OF OTTAWA ON	208.3	46
Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa Ontario Ottawa ON	175.6	52

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Canadian Bank Note Company Ltd.	145 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA ON	291.7	111
Canadian Bank Note Company, Limited	145 Richmond Road Ottawa K1Z 1A1 CITY OF OTTAWA ON	291.7	111
Canadian Bank Note Company, Limited	145 Richmond Road Ottawa Ontario K1Z 1A1 Ottawa ON	291.7	111
Canadian Bank Note Company, Limited	145 Richmond Road Ottawa Ontario K1Z 1A1 Ottawa ON	291.7	111

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Dec 31, 2019 has found that there are 13 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	McRae Ave and Scott St Ottawa ON K1P 1J1	9.1	7
City of Ottawa	Tweedsmuir Avenue and Scott St Ottawa ON K1N 5A1	21.7	10
Westboro Lofts Inc.	1946 Scott St Ottawa ON K1Y 2C1	178.5	30
Otto's Service Centre Limited	225/245 Richmond Road Ottawa ON K1Z 6W7	127.1	32
3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	127.1	32
Minto (Island Park) Limited	38 Metropole Pvt Ottawa ON K1R 7Y2	174.8	40

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	1997 Scott Station Ottawa ON K2G 6J8	204.0	45
Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa ON K1Z 6X1	175.6	52
Canadian Bank Note Company, Limited	145 Richmond Road Ottawa ON K1Z 1A1	291.7	111
Canadian Bank Note Company, Limited	145 Richmond Road Ottawa ON K1Z 1A1	291.7	111
Canadian Bank Note Company, Limited	145 Richmond Rd Ottawa ON K1Z 1A1	291.7	111
Falsetto Homes Inc.	283 Lanark Ave Ottawa ON K2G 1V2	287.8	116
City of Ottawa	320 Bloomfield Ave Lot 23 to 39, Concession Plan 54 "A" (Ottawa Front) Township of Nepean Ottawa ON K2G 6J8	298.7	120

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 29 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	320 McRae Ave, 1976 Scott Street, 311 & 315 Tweensmuir Avenue Ottawa ON K1Z 5N3	0.0	1
	Mcrae Avenue Ottawa ON	1.6	5

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	336 Tweedsmuir Ottawa ON	63.0	14
	2000 Scott Street Ottawa ON K1Z 6T2	62.7	15
	361 McRae Avenue Ottawa ON K1Z 8P4	62.0	21
	1946 Scott St Ottawa ON K1Z1E3	177.5	29
	1946 Scott Street Ottawa ON	173.5	31
	250 Lanark Ave Ottawa ON K1Z1G4	158.3	34
	193 Richmond Rd Ottawa ON K1Z6W4	170.5	48
	255 Richmond Rd Ottawa ON K1Z6X1	175.1	50
	255 Richmond Road Ottawa ON K1Z 6X1	175.2	51
	2050 Scott Street Ottawa ON K1Z 6T1	224.7	62
	175 Richmond Road Ottawa ON K1Z 6W4	205.4	63
	236 Richmond Rd Ottawa ON K1Z6W6	198.8	73

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2060 Scott Street Ottawa ON K1Z 6T1	261.9	<u>80</u>
	238 Richmond Rd Ottawa ON K1Z6W6	233.3	<u>89</u>
	270 Richmond Rd Ottawa ON K1Z6X2	247.6	<u>91</u>
	175 Richmond Road Ottawa ON	249.7	<u>99</u>
	2 Van Lang Pvt Ottawa ON K1Z1A6	278.1	<u>107</u>
	190 Richmond Road Ottawa ON K1Z 6W6	251.8	<u>109</u>
	190 Richmond Road Ottawa ON	251.8	<u>109</u>
	190 Richmond Rd. Ottawa ON K1Z 6W6	251.8	<u>109</u>
	277 Richmond Rd Ottawa On Ottawa ON K1Z6X3	280.9	<u>110</u>
	145 Richmond Road Ottawa ON K1Z 1A1	291.7	<u>111</u>
	145 Richmond Road Ottawa ON K1Z 1A1	291.7	<u>111</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	320 Bloomfield Ave Ottawa ON K1Z6S6	287.4	115
	281 Lanark Ave Ottawa ON K1Z6R8	299.5	123
	281 Lanark Avenue Ottawa ON K1Z 6R8	299.5	123
	190 Richmond St Ottawa ON	284.0	127

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 31 EXP site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
JS GAS BAR	1976 SCOTT ST OTTAWA ON	0.0	3
JS GAS BAR	1976 SCOTT ST OTTAWA ON	0.0	3
JS GAS BAR	1976 SCOTT ST OTTAWA ON	0.0	3
JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	0.0	3
JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	0.0	3
JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	0.0	3

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	0.0	<u>3</u>
JS GAS BAR	1976 SCOTT ST OTTAWA ON	0.0	<u>3</u>
JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	0.0	<u>3</u>
JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	0.0	<u>3</u>
JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z 6T3	0.0	<u>3</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	<u>72</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	<u>72</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	<u>72</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	<u>72</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	<u>72</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON	198.8	<u>72</u>

Site	Address	Distance (m)	Map Key
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	72
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	72
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	72
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	72
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	231.3	86
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	231.3	86

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86

MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86
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FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 7 FST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BELWINDY ENT LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	72
BELWINDY ENT LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	72
BELWINDY ENT LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	72
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	86

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	<u>86</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	231.3	<u>86</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2019 has found that there are 107 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
JAY'S GAS BAR	1976 SCOTT STREET OTTAWA ON K1Z 6T3	0.0	<u>3</u>
CARSON'S BODY REPAIRS (OUT OF BUSINESS)	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	0.0	<u>4</u>
CARSON'S BODY REPAIRS LTD. 08-817	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	0.0	<u>4</u>
CARSON'S BODY REPAIRS LTD.	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	0.0	<u>4</u>
GERVAIS MOTORS LTD.	1960 SCOTT ST. OTTAWA ON K1Z 8L8	59.0	<u>12</u>
GERVAIS MOTORS LTD. 17-200	1960 SCOTT ST. OTTAWA ON K1Z 8L8	59.0	<u>12</u>
DOMICILE DEVELOPMENTS INC	309 ATHLONE AVENUE OTTAWA ON K1Z 5M3	62.7	<u>16</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Broccolini Construction Ottawa Inc.	319 McRae ottawa ON K1Z 5R8	57.6	19
HYDRO OTTAWA	305 CLIFTON OTTAWA ON K1Z 5V1	153.0	25
CANADIAN BROADCASTING CORP.	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	158.3	34
CANADIAN BROADCASTING CORP.	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	158.3	34
CANADIAN BROADCASTING CORP. 08-276	250 LANARK AVE. OTTAWA ON K1Z 6R5	158.3	34
CANADIAN BROADCASTING CORP. 08-276	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	158.3	34
CANADIAN BROADCASTING CORPORATION	250 LANARK AVENUE OTTAWA ON K1Y 1E4	158.3	34
ProFac -CBC Ottawa	250 Lanark Avenue Ottawa ON K1Y 1E4	158.3	34
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	158.3	34
SNC Lavalin Profac	Graham Spry Bldg. 250 Lanark Ave. Ottawa ON K1Z 1G4	158.3	34
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	158.3	34

Site	Address	Distance (m)	Map Key
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	158.3	34
SNC LAVALIN O & M	250 LANARK AVENUE OTTAWA ON	158.3	34
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	158.3	34
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON	158.3	34
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	158.3	34
BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	158.3	34
BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	158.3	34
Leimerk Developments Ltd.	205 Richmond Road Ottawa ON K1Z 6W4	152.6	41
Bushtukah	203 Richmond rd Ottawa ON K1Z 6W4	160.2	43
Bushtukah	203 Richmond rd Ottawa ON	160.2	43
Bushtukah	203 Richmond rd Ottawa ON	160.2	43
City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON	204.0	45

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON K1G 0Z8	204.0	45
City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON K1G 0Z8	204.0	45
City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON K1G 0Z8	204.0	45
City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON K1Z 6T2	204.0	45
City of Ottawa, OC Transpo	1997 Scott Street Ottawa ON K1G 0Z8	204.0	45
Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	175.2	51
Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	175.2	51
Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	175.2	51
Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON	175.2	51
City of Ottawa	Richmond Rd at Tweedsmuir Avenue Right- of-way Ottawa ON K1Z 6W7	180.0	58
LAMBLE PHOTO-LAB SERVICES 24- 946	371 ATHLONE AVE. OTTAWA ON K1Z 5M3	197.8	65

Site	Address	Distance (m)	Map Key
ALBERT & SON ENGRAVERS	350A KIRKWOOD AVENUE OTTAWA ON K1Z 8Y1	223.3	70
Tweedsmuir and Main Urban Properties Inc.	236 RICHMOND ROAD OTTAWA ON K1Z 6W6	198.8	72
850676 ontario Limited	267 Richmond Rd. Ottawa ON K1Z 6X3	219.4	75
MACS CONVENIENCE STORES INC.	256 RICHMOND RD., OTTAWA ON K1Z 6W9	231.3	86
OTTAWA BOARD OF EDUCATION	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	263.4	102
OTTAWA (SEE&USE ON1285702)	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	263.4	102
OTTAWA (SEE&USE ON1285702) 29-129	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	263.4	102
R.L. GRAIN INC.	190 RICHMOND ROAD OTTAWA ON K1Z 6W6	251.8	109
R.L. CRAIN INC.	190 RICHMOND ROAD OTTAWA ON K1Z 6W6	251.8	109
R.L. CRAIN (SEE&USE ON0249903)	190 RICHMOND ROAD OTTAWA ON K1Z 6W6	251.8	109
R.L. CRAIN (SEE&USE ON0249903) 33-141	190 RICHMOND ROAD OTTAWA ON K1G 3J7	251.8	109
CRAIN-DRUMMOND INC.	190 RICHMOND ROAD P.O.BOX 8392 OTTAWA ON K1Z 6W6	251.8	109

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CRAIN-DRUMMOND INC. 33-141	190 RICHMOND ROAD OTTAWA ON K1G 3J7	251.8	109
CRAIN-DRUMMOND INC. 33-141	190 RICHMOND ROAD P.O.BOX 8392 OTTAWA ON K1Z 6W6	251.8	109
CRAIN-DRUMMOND INC	190 RICHMOND ROAD OTTAWA ON K1G 3J7	251.8	109
CRAIN-DRUMMOND INC.	190 RICHMOND ROAD OTTAWA ON K1G 3J7	251.8	109
Choice Properties	222-190 Richmond Road Ottawa ON K1Z 6W6	251.8	109
Calian Ltd.	190 Richmond Road, 2nd Floor ottawa ON K1Z 6W6	251.8	109
Loblaw Companies Limited	190 Richmond Rd. Ottawa ON K1Z 6W6	251.8	109
Loblaw Companies Limited	190 Richmond Rd. Ottawa ON K1Z 6W6	251.8	109
Calian Ltd.	190 Richmond Road, 2nd Floor ottawa ON K1Z 6W6	251.8	109
Calian Ltd.	190 Richmond Road, 2nd Floor ottawa ON K1Z 6W6	251.8	109
LOBLAWS INC.	190 Richmond Rd. Ottawa ON K1Z 6W6	251.8	109

Site	Address	Distance (m)	Map Key
Harik General Contracting	190 Richmond Road Ottawa ON K1Z 6W6	251.8	109
Westboro Medical Centre	190 Richmond Rd. Ottawa On. ON K1W6W6	251.8	109
LOBLAWS INC.	190 Richmond Rd. Ottawa ON K1Z 6W6	251.8	109
CANADIAN BANK NOTE CO. LTD.	P.O. BOX 8394 145 RICHMOND ROAD OTTAWA ON K1Z 1A1	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED	145 RICHMOND ROAD OTTAWA ON K1Z 1A1	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED08-146	145 RICHMOND ROAD OTTAWA ON K1Z 1A1	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON K1Z 1A1	291.7	111
Ed Brunet & Associates Inc.	145 Richmond Road Ottawa ON K1Z 1A1	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON K1Z 1A1	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON K1Z 1A1	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON K1Z 1A1	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON K1Z 1A1	291.7	111

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON k1z 1a1	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON k1z 1a1	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON k1z 1a1	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON k1z 1a1	291.7	111
CANADIAN BANK NOTE COMPANY LIMITED	145 Richmond Rd. Ottawa ON k1z 1a1	291.7	111
Corporation City of Ottawa	320 Bloomfield Avenue Ottawa ON K1Z 6S6	298.7	120
Corporation City of Ottawa	320 Bloomfield Avenue Ottawa ON K1Z 6S6	298.7	120
Corporation City of Ottawa	320 Bloomfield Avenue Ottawa ON K1Z 6S6	298.7	120
Corporation City of Ottawa PBGOM	320 Bloomfield Avenue Ottawa ON K1Z 6S6	298.7	120
Corporation City of Ottawa PBGOM	320 Bloomfield Avenue Ottawa ON K1Z 6S6	298.7	120

Site	Address	Distance (m)	Map Key
OTTAWA, CITY OF-OPERATIONS BRANCH	CITY OF OTTAWA WORKS YARD 320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	299.6	122
OTTAWA, CITY OF-OPERATIONS BRANCH 29-164	CITY OF OTTAWA WORKS YARD 320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	299.6	122
OTTAWA, CITY OF	320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	299.6	122
OTTAWA(SEE & USE ON0136202)	320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	299.6	122
OTTAWA (SEE&USE ON1285702)	ECOLE S. CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	299.5	123
CONSEIL SCOLAIRE DE LANGUE FRANCAISE	ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	299.5	123
C.S.D.L.F.D'.O.-C.1420 PLACE BLAIR29-497	ECOLE/BUREAU DES SERVICES DE TRANSPORT CHAMPLAIN, 281 AVE LANARK OTTAWA ON K1Z 6R8	299.5	123
CONSEIL (OUT OF BUSINESS) FRANCAISE	ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	299.5	123
Province of Ontario	281 Lanark Ave. Ottawa ON K1Z 6R8	299.5	123
JULES L+GER CENTRE	281 LANARK AVENUE OTTAWA ON K1Z 6R8	299.5	123
CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD.	281 LANARK AVENUE OTTAWA ON K1Z 6R8	299.5	123
CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD.	281 LANARK AVENUE OTTAWA ON K1Z 6R8	299.5	123

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	297.8	124
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	297.8	124
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON	297.8	124
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	297.8	124
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	297.8	124
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	297.8	124
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	297.8	124
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	297.8	124

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 3 HINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	359 McRAE STREET OTTAWA ON	53.0	20

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	267 Richmond Rd OTTAWA ON	219.4	75
	186 LANARK AVENUE OTTAWA ON K1Z 6R5	260.4	104

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	415 Tweedsmuir Avenue, Ottawa ON K1Z 5N6	275.2	121

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 14 NPRI site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN BROADCASTING CORPORATION	250 Lanark Ave. Ottawa ON K1Z6R5	158.3	34
CANADIAN BANK NOTE, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111
CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111
CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111
CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111

Site	Address	Distance (m)	Map Key
CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111
CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111
CANADIAN BANK NOTE CO. LTD.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111
CANADIAN BANK NOTE CO. LTD.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111
CANADIAN BANK NOTE CO. LTD.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111
CANADIAN BANK NOTE CO. LTD.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111
CANADIAN BANK NOTE CO. LTD.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111
Canadian Bank Note Co. Ltd.	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111
CANADIAN BANK NOTE COMPANY, LIMITED	145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	291.7	111

PES - Pesticide Register

A search of the PES database, dated 1988-Dec 2019 has found that there are 4 PES site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
REAL CANADIAN SUPERSTORE #1009	190 RICHMOND RD OTTAWA ON K1Z 6W6	251.8	109

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
REAL CANADIAN SUPERSTORE #1009	190 RICHMOND RD OTTAWA ON K1Z6W6	251.8	109
REAL CANADIAN SUPERSTORE #1009	190 RICHMOND RD OTTAWA ON K1Z 6W6	251.8	109
REAL CANADIAN SUPERSTORE #1009	190 RICHMOND RD OTTAWA ON K1Z6W6	251.8	109

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 3 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2046 SCOTT ST, OTTAWA ON	208.3	46
	310 ELMGROVE AVE, OTTAWA ON	298.4	108
	412 Tweedsmuir Ave. Ottawa ON	285.0	125

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 3 PRT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
JS GAS BAR	1976 SCOTT ST OTTAWA ON K1Z6T3	0.0	3
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	198.8	72

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	231.3	86

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994-Nov 30, 2019 has found that there are 2 PTTW site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Canadian Bank Note Company Ltd.	Lot 145 Richmond Road CITY OF OTTAWA ON	291.7	111
Canadian Bank Note Company Ltd.	145 Richmond Road, Ottawa CITY OF OTTAWA ON	291.7	111

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Nov 2019 has found that there are 6 RSC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1960 SCOTT STREET, OTTAWA, ON K1Z 8L8 Ottawa ON	58.3	11
	319 MCRAE AVENUE, OTTAWA, ON K1Z 5T9 Ottawa ON	57.6	13
Ottawa Salus Corporation	309 ATHLONE AVE, OTTAWA, ON, K1Z 5M3 Ottawa ON K1Z 5M3	62.7	16
	1946 SCOTT STREET, OTTAWA, ON K1Z 1E8 Ottawa ON	178.5	30
	236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	198.8	72

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	190 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	251.8	109

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Jul 31, 2019 has found that there are 1 RST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
NICK'S SERVICE CENTRE	236 RICHMOND RD OTTAWA ON K1Z6W6	198.8	72

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 26 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
AUTO REB-EX INTERNATIONAL	320 McRae St Ottawa ON K1Z 5R8	0.0	4
NCF Directory	1960 Scott St Ottawa ON K1Z 8L8	59.0	12
Instrument Systems Inc.	1960 Scott St Suite 302 Ottawa ON K1Z 8L8	59.0	12
Design 1st Inc.	314 Athlone Ave Ottawa ON K1Z 5M4	114.6	22
FINE PRINT INC.	345A ATHLONE AVE OTTAWA ON K1Z 5M3	107.4	23
Hash Machinery Systems	35 Briarway Pvt Ottawa ON K1Z 1C3	117.2	24

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Aland Enterprises	199 Richmond Rd Ottawa ON K1Z 6W4	161.8	42
Rose Drapery Ltd.	261 Richmond Rd Ottawa ON K1Z 6X1	189.9	60
Guillevin International Co.	175 Richmond Rd Ottawa ON K1Z 6W3	206.4	64
Rose Draperies Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	197.8	65
Rose Drapery Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	197.8	65
Signs in 23 hours.com	350 Kirkwood Ave Ottawa ON K1Z 8P1	223.3	70
Paper Sign Man	350 Kirkwood Ave Ottawa ON K1Z 8P1	223.3	70
Albert & Son Engravers	350 Kirkwood Ave Unit A Ottawa ON K1Z 8P1	223.3	70
ALBERT & SON ENGRAVERS	350A KIRKWOOD AVE OTTAWA ON K1Z 8P1	223.3	70
Brebner Manufacturing & Repairs Inc.	360 Kirkwood Ave Ottawa ON K1Z 8P1	227.6	76
Orezone Gold Corporation	290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	255.5	83

Site	Address	Distance (m)	Map Key
Apption Software Inc.	290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	255.5	83
Orezone Resources Inc.	290 Picton St Suite 201 Ottawa ON K1Z 8P8	255.5	83
Y'S OWL CO-OPERATIVE INC	290 PICTON AVE OTTAWA ON K1Z 8P8	255.5	83
In'Flector Control Systems	157 Premier Ave Ottawa ON K1Z 8P7	274.2	95
In'Flector Air Quality	157 Premier Ave Ottawa ON K1Z 8P7	274.2	95
CRAIN-DRUMMOND INC.	190 RICHMOND RD OTTAWA ON K1Z 6W6	251.8	109
Canadian Bank Note Co. Ltd.	145 Richmond Rd Ottawa ON K1Z 1A1	291.7	111
Canadian Bank Note Company Limited	145 Richmond Rd Ottawa ON K1Z 1A1	291.7	111
Essiac Canada Intl Inc.	164 Richmond Rd Ottawa ON K1Z 6W2	282.1	117

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2019 has found that there are 36 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
PRIVATE RESIDENCE	325 TWEEDSMUIR AVE, OTTAWA FURNACE OIL TANK OTTAWA CITY ON K1Z 5N3	13.8	2

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
DRUMMOND FUELS	JAYS GAS BAR, 320 MCRAE AVE (SCOTT AND MCRAE) TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 5R8	0.0	4
	335 Tweedsmuir Ave Ottawa ON	10.6	6
	Ottawa ON	76.0	18
Construction <UNOFFICIAL>	319 McRae St. Ottawa ON	57.6	19
	359 McRae Street<UNOFFICIAL> Ottawa ON K1Z 8P4	53.0	20
Hydro Ottawa Limited	305 Clifton Rd Ottawa ON	153.1	26
	342 Athlone Avenue Ottawa ON K1Z 5M4	151.0	27
PRIVATE BUSINESS (N.O.S.)	225 RICHMOND RD. OTTAWA OTTAWA CITY ON K1Z 6W7	127.1	32
SNC-Lavalin Constructors (Pacific) Inc.	250 Lanark Avenue Ottawa ON	158.3	34
	Graham Spry Building, 250 Lanark Ave. <UNOFFICIAL> Ottawa ON K1Z 1G4	158.3	34
City of Ottawa	1997 Scott St. Ottawa ON	204.0	45

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2046 Scott St Ottawa ON	208.3	<u>46</u>
	255 Richmond Rd Ottawa; Ottawa ON NA	175.6	<u>52</u>
	222 Richmond Rd. Ottawa ON	175.7	<u>56</u>
	222 Richmond Road Ottawa ON K1Z 6W6	175.7	<u>56</u>
City of Ottawa	corner of Tweedsmuir Ave & Richmond Road Ottawa ON	180.0	<u>58</u>
ULTRAMAR	261 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6X1	189.9	<u>60</u>
Enbridge Gas Distribution Inc.	263 Richmond Rd Ottawa ON	190.0	<u>61</u>
MOTOR VEHICLE	259 RICHMOND RD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 6X1	195.0	<u>66</u>
PETRO-CANADA	236 RICHMOND ROAD SERVICE STATION OTTAWA CITY ON K1Z 6W6	198.8	<u>72</u>
SUNOCO	256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	231.3	<u>86</u>
Enbridge Gas Distribution Inc.	238 Richmond Road Ottawa ON	229.0	<u>88</u>
Enbridge Gas Distribution Inc.	310 Elmsgrove Ave Ottawa ON	298.4	<u>108</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Canadian Bank Note Company, Limited	145 Richmond Rd Ottawa ON K1Z 1A1	291.7	111
Canadian Bank Note Company, Limited	145 Richmond Rd Ottawa ON K1Z 1A1	291.7	111
Pinchin Environmental Ltd.	145 Richmond Rd Ottawa ON K1Z 1A1	291.7	111
Waste Management of Canada Corporation; Canada Bank Note<UNOFFICIAL>	145 Richmond Rd Ottawa ON K1Z 1A1	291.7	111
PRIVATE BUSINESS	145 RICHMOND DR. STORAGE TANK OTTAWA CITY ON K1Z 1A1	291.7	111
	2070 Scott Street Ottawa ON K1Z 6S9	298.6	112
8596239 Canada Inc.<UNOFFICIAL>	400 Athlone Ave Ottawa ON	284.0	119
Enbridge Gas Distribution Inc.	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	275.2	121
	281 Lanark Ave Ottawa ON	299.5	123
CBRE <UNOFFICIAL>	281 Lanark Avenue Ottawa ON K1Z 6R8	299.5	123
	200 Clearview Ave Ottawa ON	297.8	124

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PRIVATE RESIDENCE	150 RICHMOND ROAD FURNACE OIL TANK OTTAWA CITY ON K1Z 6W2	297.9	126

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 37 WWIS site(s) within approximately 0.30 kilometers of the project property.

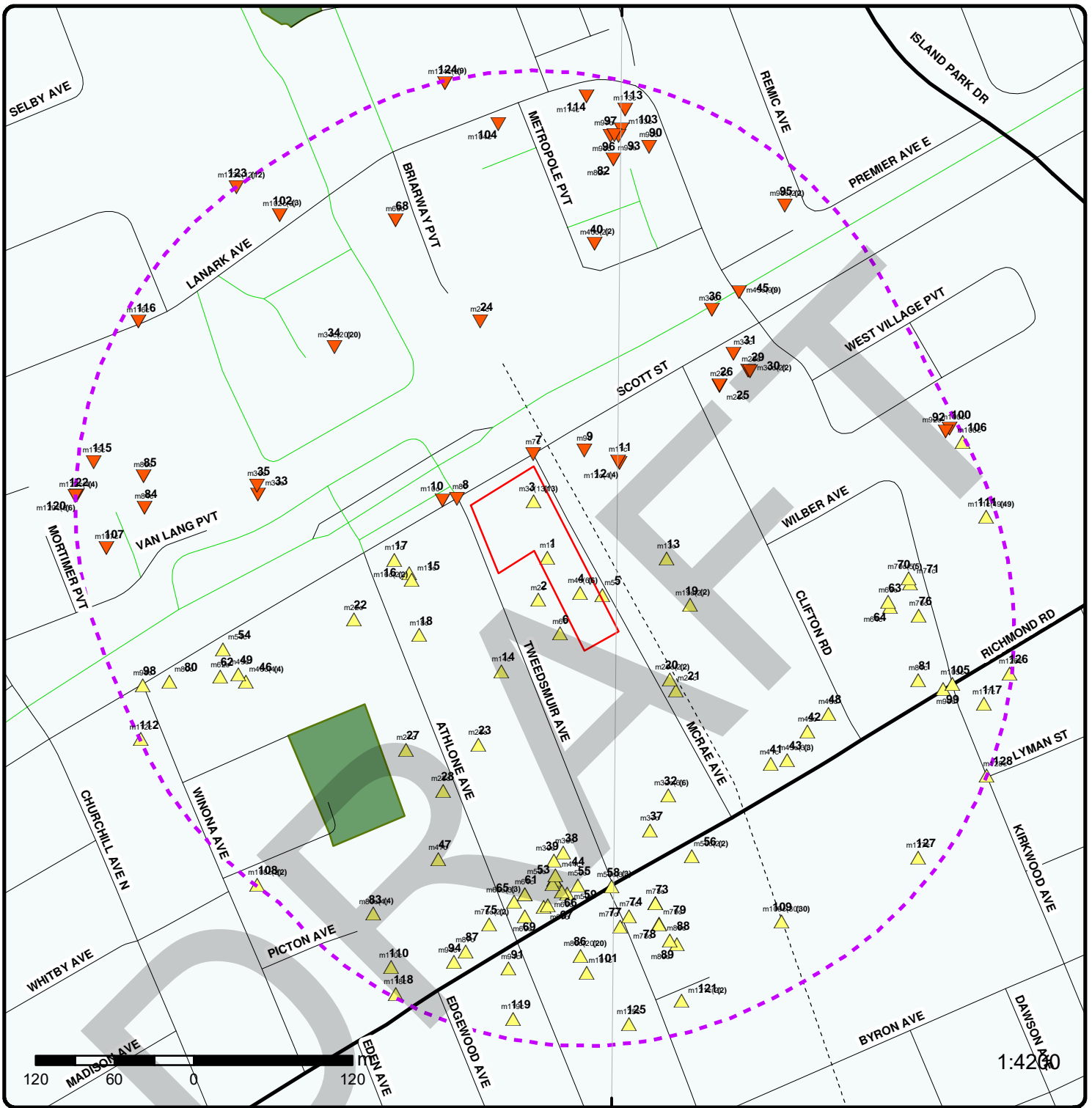
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID: 7265890</i>	39.6	9
	lot 57 OTTAWA ON <i>Well ID: 1535860</i>	69.2	17
	OTTAWA ON <i>Well ID: 7245885</i>	150.6	28
	OTTAWA ON <i>Well ID: 7240885</i>	161.2	33
	OTTAWA ON <i>Well ID: 7240887</i>	162.7	35
	OTTAWA ON <i>Well ID: 7300858</i>	153.9	38
	OTTAWA ON <i>Well ID: 7300863</i>	160.7	39
	OTTAWA ON <i>Well ID: 7300862</i>	171.5	44
	ON	192.9	47

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID: 1532963</i>		
	OTTAWA ON	211.3	49
	<i>Well ID: 7170723</i>		
	OTTAWA ON	178.7	53
	<i>Well ID: 7300860</i>		
	OTTAWA ON	215.3	54
	<i>Well ID: 7170722</i>		
	OTTAWA ON	178.1	55
	<i>Well ID: 7300859</i>		
	Ottawa ON	182.8	57
	<i>Well ID: 7115803</i>		
	Ottawa ON	184.5	59
	<i>Well ID: 7295741</i>		
	OTTAWA ON	196.5	67
	<i>Well ID: 7300861</i>		
	OTTAWA ON	213.5	68
	<i>Well ID: 7240886</i>		
	Ottawa ON	206.0	69
	<i>Well ID: 7136557</i>		
	ON	223.9	71
	<i>Well ID: 7224472</i>		
	ON	203.9	74
	<i>Well ID: 7136559</i>		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Ottawa ON <i>Well ID: 7136558</i>	210.8	<u>77</u>
	ON <i>Well ID: 1508932</i>	214.7	<u>79</u>
	OTTAWA ON <i>Well ID: 1536023</i>	229.8	<u>81</u>
	Ottawa ON <i>Well ID: 7265950</i>	239.8	<u>82</u>
	Ottawa ON <i>Well ID: 7233868</i>	249.0	<u>85</u>
	ON <i>Well ID: 7317351</i>	245.1	<u>87</u>
	Ottawa ON <i>Well ID: 7265949</i>	257.3	<u>90</u>
	ON <i>Well ID: 7179257</i>	289.8	<u>92</u>
	Ottawa ON <i>Well ID: 7290747</i>	256.8	<u>93</u>
	ON <i>Well ID: 7317352</i>	255.9	<u>94</u>
	Ottawa ON <i>Well ID: 7290746</i>	258.2	<u>96</u>
	Ottawa ON	258.5	<u>97</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID: 7265951</i>		
	ON	244.1	101
	<i>Well ID: 7242470</i>		
	Ottawa ON	263.6	103
	<i>Well ID: 7290748</i>		
	Ottawa ON	278.8	113
	<i>Well ID: 7265948</i>		
	OTTAWA ON	283.0	114
	<i>Well ID: 7290749</i>		
	ON	296.7	118
	<i>Well ID: 7224473</i>		

DRAFT



Map : 0.3 Kilometer Radius

Order Number: 20200115060

Address: 315 Tweedsmuir Ave, Ottawa, ON



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

75°45'W

45°24'N

45°24'N



Aerial Year: 1905

Address: 315 Tweedsmuir Ave, Ottawa, ON

Source: ESRI World Imagery

Order Number: 20200115060



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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Topographic Map

Address: 315 Tweedsmuir Ave, ON

Source: ESRI World Topographic Map

Order Number: 20200115060



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SE/0.0	64.1 / 0.35	320 McRae Ave, 1976 Scott Street, 311 & 315 Tweensmuir Avenue Ottawa ON K1Z 5N3	EHS
Order No: 20181002086 Status: C Report Type: Custom Report Report Date: 09-OCT-18 Date Received: 02-OCT-18 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): .25 X: -75.750654 Y: 45.396073			
3	1 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST OTTAWA ON K1Z6T3	PRT
Location ID: 11085 Type: retail Expiry Date: 1996-01-31 Capacity (L): 68100 Licence #: 0052376001					
3	2 of 13	NNW/0.0	63.7 / 0.01	JAY'S GAS BAR 1976 SCOTT STREET OTTAWA ON K1Z 6T3	GEN
Generator No: ON8892252 Status: Approval Years: 03,04 Contam. Facility: MHSW Facility: SIC Code: SIC Description:		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
3	3 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST OTTAWA ON K1Z 6T3	EXP
Instance No: 9734771 Instance ID: Instance Type: FS Facility Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 12/29/2001					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	4 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST OTTAWA ON	EXP
<p>Instance No: 10108736 Instance ID: 12145 Instance Type: FS Facility Description: FS Propane Refill Cntr - Cylr Fill Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:</p>					
<u>3</u>	5 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST OTTAWA ON K1Z 6T3	EXP
<p>Instance No: 10906701 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 12/29/2001</p>					
<u>3</u>	6 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST OTTAWA ON K1Z 6T3	EXP
<p>Instance No: 10906674 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 12/29/2001</p>					
<u>3</u>	7 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST OTTAWA ON K1Z 6T3	EXP
<p>Instance No: 10906683 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 12/29/2001</p>					
<u>3</u>	8 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
OTTAWA ON					
				Instance No: 10906692 Instance ID: 50912 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:	
<u>3</u>	9 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST OTTAWA ON	EXP
				Instance No: 10906707 Instance ID: 51397 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:	
<u>3</u>	10 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST OTTAWA ON	EXP
				Instance No: 11298190 Instance ID: 77642 Instance Type: FS Propane Tank Description: FS Propane Tank Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:	
<u>3</u>	11 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST OTTAWA ON K1Z 6T3	EXP
				Instance No: 10906701 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 12/29/2001	
<u>3</u>	12 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST OTTAWA ON K1Z 6T3	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance No: 10906674 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 12/29/2001					
<u>3</u>	13 of 13	NNW/0.0	63.7 / 0.01	JS GAS BAR 1976 SCOTT ST OTTAWA ON K1Z 6T3	EXP
Instance No: 10906683 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 12/29/2001					
<u>4</u>	1 of 6	SE/0.0	64.1 / 0.34	DRUMMOND FUELS JAYS GAS BAR, 320 MCRAE AVE (SCOTT AND MCRAE) TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 5R8	SPL
Ref No: 161738 Site No: Incident Dt: 11/5/1998 Year: Incident Cause: VALVE/FITTING LEAK OR FAILURE Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: NOT ANTICIPATED Nature of Impact: Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 11/5/1998 Dt Document Closed: Incident Reason: EQUIPMENT FAILURE Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: DRUMMOND FUELS: 20L DIESEL SPILLED TO ASPHALT 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: 20101 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:			
<u>4</u>	2 of 6	SE/0.0	64.1 / 0.34	AUTO REB-EX INTERNATIONAL 320 McRae St Ottawa ON K1Z 5R8	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Established: Plant Size (ft²): Employment:		0000 0 0			
--Details--					
Description:		Motor Vehicle Brake System Manufacturing			
SIC/NAICS Code:		336340			
Description:		Motor Vehicle Transmission and Power Train Parts Manufacturing			
SIC/NAICS Code:		336350			
Description:		Other Motor Vehicle Parts Manufacturing			
SIC/NAICS Code:		336390			
<u>4</u>	3 of 6	SE/0.0	64.1 / 0.34	AUTO REB-EX INTERNATIONAL INC 320 MCRAE AVE OTTAWA ON K1Z 5R8	AUWR
Headcode:		96400			
Headcode Desc:		Automobile Parts & Supplies-Used & Rebuilt			
Phone:		6137229499			
List Name:					
Description:					
<u>4</u>	4 of 6	SE/0.0	64.1 / 0.34	CARSON'S BODY REPAIRS LTD. 320 MCRAE AVENUE OTTAWA ON K1Z 5R8	GEN
Generator No:		ON1380500		PO Box No:	
Status:				Country:	
Approval Years:		90		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		6352			
SIC Description:		PAINT/BODY REPAIR			
Detail(s)					
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
<u>4</u>	5 of 6	SE/0.0	64.1 / 0.34	CARSON'S BODY REPAIRS (OUT OF BUSINESS) 320 MCRAE AVENUE OTTAWA ON K1Z 5R8	GEN
Generator No:		ON1380500		PO Box No:	
Status:				Country:	
Approval Years:		92,93,95,96,97,98		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		6352			
SIC Description:		PAINT/BODY REPAIR			
Detail(s)					
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>4</u>	6 of 6	SE/0.0	64.1 / 0.34	CARSON'S BODY REPAIRS LTD. 08-817 320 MCRAE AVENUE OTTAWA ON K1Z 5R8	GEN
Generator No:	ON1380500			PO Box No:	
Status:				Country:	
Approval Years:	94			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	6352				
SIC Description:	PAINT/BODY REPAIR				
Detail(s)					
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
<u>2</u>	1 of 1	S/13.8	64.8 / 1.12	PRIVATE RESIDENCE 325 TWEEDSMUIR AVE, OTTAWA FURNACE OIL TANK OTTAWA CITY ON K1Z 5N3	SPL
Ref No:	197780			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	4/6/2001			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	PIPE/HOSE 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:	20107
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	Land			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scr:				Site Geo Ref Accu:	
MOE Reported Dt:	4/6/2001			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	UNKNOWN			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	PRIVATE RESIDENCE FURNACE OIL TANK SMALL LEAK				
Contaminant Qty:					
<u>5</u>	1 of 1	ESE/1.6	64.8 / 1.07	Mcrae Avenue Ottawa ON	EHS
Order No:	20140226049			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	04-MAR-14			Search Radius (km):	.05
Date Received:	26-FEB-14			X:	-75.750119
Previous Site Name:	NA			Y:	45.39582
Lot/Building Size:	220 m				
Additional Info Ordered:	City Directory				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>6</u>	1 of 1	SSE/10.6	64.8 / 1.07	335 Tweedsmuir Ave Ottawa ON	SPL
Ref No:	2481-B7NJFP			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2018/12/21			Health/Env Conseq:	2 - Minor Environment
Year:				Client Type:	
Incident Cause:				Sector Type:	Unknown / N/A
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	335 Tweedsmuir Ave
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	1075			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2018/12/21			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Operator/Human Error			Source Type:	Pipeline/Components
Site Name:	Enbridge: 1/2" gasline<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA/Enbridge: 1/2" gasline damage				
Contaminant Qty:	0 other - see incident description				
<u>7</u>	1 of 1	N/9.1	63.0 / -0.73	City of Ottawa McRae Ave and Scott St Ottawa ON K1P 1J1	ECA
Approval No:	3347-9WUTEH			MOE District:	
Approval Date:	2015-05-27			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	McRae Ave and Scott St				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8629-9WJKE5-14.pdf				
<u>8</u>	1 of 1	WNW/11.5	63.5 / -0.18	Tweedsmuir Avenue and Scott Street Ottawa ON	CA
Certificate #:	3783-4XTGTN				
Application Year:	01				
Issue Date:	6/20/01				
Approval Type:	Municipal & Private sewage				
Status:	Approved				
Application Type:	New Certificate of Approval				
Client Name:	Corporation of the City of Ottawa				
Client Address:	111 Sussex Drive, 7th Floor				
Client City:	Ottawa				
Client Postal Code:	K1N 5A1				
Project Description:	This application is for the construction of storm and sanitary sewers on Tweedsmuir Avenue and Scott Street, in the City of Ottawa.				
Contaminants:					
Emission Control:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 1	NNE/39.6	62.9 / -0.80	ON	WWIS
Well ID: 7265890 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: C26623 Tag: A200790 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Yes Data Src: Date Received: 7/4/2016 Selected Flag: Yes Abandonment Rec: Contractor: 7328 Form Version: 8 Owner: Street Name: County: OTTAWA-CARLETON Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
Bore Hole Information					
Bore Hole ID: 1006100526 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 5/6/2016 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 63.578285 Elevrc: Zone: 18 East83: 441274 North83: 5027306 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr			
10	1 of 1	WNW/21.7	63.6 / -0.13	City of Ottawa Tweedsmuir Avenue and Scott St Ottawa ON K1N 5A1	ECA
Approval No: 3783-4XTGTN Approval Date: 2001-06-20 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: Tweedsmuir Avenue and Scott St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7391-4XQQNY-14.pdf		MOE District: Ottawa City: Longitude: -75.7553 Latitude: 45.3997 Geometry X: Geometry Y:			
11	1 of 1	NE/58.3	62.9 / -0.80	1960 SCOTT STREET, OTTAWA, ON K1Z 8L8	RSC

Ottawa ON

RSC ID:	224822	Cert Date:	
RA No:		Cert Prop Use No:	
RSC Type:	Phase 1 and 2 RSC	Intended Prop Use:	Residential
Curr Property Use:	Commercial	Qual Person Name:	KARYN MUNCH
Ministry District:	Ottawa District Office	Stratified (Y/N):	
Filing Date:	2018/08/08	Audit (Y/N):	
Date Ack:		Entire Leg Prop. (Y/N):	
Date Returned:		Accuracy Estimate:	
Restoration Type:		Telephone:	
Soil Type:		Fax:	
Criteria:		Email:	
CPU Issued Sect 1686:			
Asmt Roll No:	00614084301316000000		
Prop ID No (PIN):	04021-0029 (LT)		
Property Municipal Address:	1960 SCOTT STREET, OTTAWA, ON K1Z 8L8		
Mailing Address:			
Latitude & Latitude:			
UTM Coordinates:			
Consultant:			
Filing Owner:	MCRAE/SCOTT (OTTAWA) DEVELOPMENT INC.		
Legal Desc:			
Measurement Method:			
Applicable Standards:			
RSC PDF:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100618&fileName=BROWNFIELDS-E.pdf		

Document(s) Detail

Document Heading: Supporting Documents
Document Name: Survey Plan.pdf
Document Type: A Current plan of Survey
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100613&fileName=Survey+Plan.pdf>

Document Heading: Supporting Documents
Document Name: Owner Authorization.pdf
Document Type: Proof of the owner's authorization
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100615&fileName=Owner+Authorization.pdf>

Document Heading: Supporting Documents
Document Name: Legal Letter.pdf
Document Type: Lawyer's letter consisting of a legal description of the property
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100616&fileName=Legal+Letter.pdf>

Document Heading: Supporting Documents
Document Name: Land Use Table.pdf
Document Type: Table of Current and Past Property Use
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100620&fileName=Land+Use+Table.pdf>

Document Heading: Supporting Documents
Document Name: Certificate of Status.pdf
Document Type: Certificate of Status
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100610&fileName=Certificate+of+Status.pdf>

Document Heading: Supporting Documents
Document Name: Phase II CSM.pdf
Document Type: Phase 2 Conceptual Site Model
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100610&fileName=Certificate+of+Status.pdf>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
attachmentId=100609&fileName=Phase+II+CSM.pdf					
Document Heading:		Supporting Documents			
Document Name:		Land Transfer Document.pdf			
Document Type:		Copy of any deed(s), transfer(s) or other document(s)			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100619&fileName=Land+Transfer+Document.pdf			
Document Heading:		Supporting Documents			
Document Name:		APEC Table.pdf			
Document Type:		Area(s) of Potential Environmental Concern			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100611&fileName=APEC+Table.pdf			
12	1 of 4	NE/59.0	62.9 / -0.80	GERVAIS MOTORS LTD. 1960 SCOTT ST. OTTAWA ON K1Z 8L8	GEN
Generator No:		ON1041400		PO Box No:	
Status:				Country:	
Approval Years:		88,89,90		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		6399			
SIC Description:		OTHER VEH. SERVICES			
Detail(s)					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
12	2 of 4	NE/59.0	62.9 / -0.80	GERVAIS MOTORS LTD. 17-200 1960 SCOTT ST. OTTAWA ON K1Z 8L8	GEN
Generator No:		ON1041400		PO Box No:	
Status:				Country:	
Approval Years:		92,93,94,95,96,97,98		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		6399			
SIC Description:		OTHER VEH. SERVICES			
Detail(s)					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
12	3 of 4	NE/59.0	62.9 / -0.80	Instrument Systems Inc. 1960 Scott St Suite 302 Ottawa ON K1Z 8L8	SCT
Established:		1994			
Plant Size (ft²):		2500			
Employment:		8			
--Details--					
Description:		Professional Machinery, Equipment and Supplies Wholesaler-Distributors			
SIC/NAICS Code:		417930			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	4 of 4	NE/59.0	62.9 / -0.80	NCF Directory 1960 Scott St Ottawa ON K1Z 8L8	SCT
Established:		01-AUG-92			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Directory and Mailing List Publishers			
SIC/NAICS Code:		511140			
13	1 of 1	E/57.6	64.2 / 0.43	319 MCRAE AVENUE, OTTAWA, ON K1Z 5T9 Ottawa ON	RSC
RSC ID:		216030		Cert Date:	
RA No:				Cert Prop Use No:	
RSC Type:		Phase 1 and 2 RSC		Intended Prop Use: Residential	
Curr Property Use:		Commercial		Qual Person Name: DANIEL ARNOTT	
Ministry District:		Ottawa District Office		Stratified (Y/N):	
Filing Date:		2014/12/23		Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	
Date Returned:				Accuracy Estimate:	
Restoration Type:				Telephone:	
Soil Type:				Fax:	
Criteria:				Email:	
CPU Issued Sect		1686:			
Asmt Roll No:		0614084301316010000			
Prop ID No (PIN):		04021-0030 (LT)			
Property Municipal Address:		319 MCRAE AVENUE, OTTAWA, ON K1Z 5T9			
Mailing Address:					
Latitude & Latitude:					
UTM Coordinates:					
Consultant:					
Filing Owner:		MCRAE AVENUE (OTTAWA) DEVELOPMENT INC.			
Legal Desc:					
Measurement Method:					
Applicable Standards:					
RSC PDF:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43161&fileName=BROWNFIELDS-E.pdf			
<u>Document(s) Detail</u>					
Document Heading:		Supporting Documents			
Document Name:		PE3205 RSC Survey Plan.pdf			
Document Type:		A Current plan of Survey			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43159&fileName=PE3205+RSC+Survey+Plan.pdf			
Document Heading:		Supporting Documents			
Document Name:		Transfer.pdf			
Document Type:		Copy of any deed(s), transfer(s) or other document(s)			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43155&fileName=Transfer.pdf			
Document Heading:		Supporting Documents			
Document Name:		Table of APECs Revised.pdf			
Document Type:		Area(s) of Potential Environmental Concern			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43157&fileName=Table+of+APECs+Revised.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Document Heading:		Supporting Documents			
Document Name:		Table of Current and Past Uses.pdf			
Document Type:		Table of Current and Past Property Use			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43162&fileName=Table+of+Current+and+Past+Uses.pdf			
Document Heading:		Supporting Documents			
Document Name:		Lawyer Letter.pdf			
Document Type:		Lawyer's letter consisting of a legal description of the property			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43156&fileName=Lawyer+Letter.pdf			
Document Heading:		Supporting Documents			
Document Name:		PhaseTwoCSM.pdf			
Document Type:		Phase 2 Conceptual Site Model			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=44158&fileName=PhaseTwoCSM.pdf			
Document Heading:		Supporting Documents			
Document Name:		Certificate of Status.pdf			
Document Type:		Certificate of Status			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43160&fileName=Certificate+of+Status.pdf			

14	1 of 1	SSW/63.0	64.8 / 1.12	336 Tweedsmuir Ottawa ON	EHS
Order No:	20170821022			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	25-AUG-17			Search Radius (km):	.25
Date Received:	21-AUG-17			X:	-75.75109
Previous Site Name:				Y:	45.395297
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				

15	1 of 1	W/62.7	63.9 / 0.19	2000 Scott Street Ottawa ON K1Z 6T2	EHS
Order No:	20031022004			Nearest Intersection:	Island Park
Status:	C			Municipality:	
Report Type:	Complete Report			Client Prov/State:	CO
Report Date:	10/30/03			Search Radius (km):	0.25
Date Received:	10/22/03			X:	-75.752136
Previous Site Name:				Y:	45.39607
Lot/Building Size:					
Additional Info Ordered:					

16	1 of 2	W/62.7	63.9 / 0.19	DOMICILE DEVELOPMENTS INC 309 ATHLONE AVENUE OTTAWA ON K1Z 5M3	GEN
Generator No:	ON6993834			PO Box No:	
Status:				Country:	
Approval Years:	05			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	562910				
SIC Description:	Remediation Services				

[Detail\(s\)](#)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Desc:		221 LIGHT FUELS			

16	2 of 2	W/62.7	63.9 / 0.19	Ottawa Salus Corporation 309 ATHLONE AVE, OTTAWA, ON, K1Z 5M3 Ottawa ON K1Z 5M3	RSC
RSC ID:	2768			Cert Date: 19-Dec-05	
RA No:				Cert Prop Use No: No CPU	
RSC Type:				Intended Prop Use: Residential	
Curr Property Use:	Commercial			Qual Person Name: Ms. Margaret Singleton	
Ministry District:	OTTAWA			Stratified (Y/N):	
Filing Date:	6-Jan-06			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N): Yes	
Date Returned:				Accuracy Estimate: 6 to 10 meters	
Restoration Type:				Telephone: 613-7290123x222	
Soil Type:				Fax: 613-7297800	
Criteria:				Email:	
CPU Issued Sect 1686:	No				
Asmt Roll No:					
Prop ID No (PIN):	04020 0218 (LT)				
Property Municipal Address:	309 ATHLONE AVE, OTTAWA, ON, K1Z 5M3				
Mailing Address:	Suite 200, 945 WELLINGTON ST, OTTAWA, ON, K1Y 2X5				
Latitude & Longitude:	45.39604920N 75.75200840W (converted from UTM)				
UTM Coordinates:	NAD83 18-441140-5027223				
Consultant:					
Filing Owner:					
Legal Desc:	Part of Lot 57, Plan 263, as in NS233425; S/T CR404397; Ottawa; Part of Lot 57, Lots 58 and 59, Plan 263, as in N552176; T/W CR548560; Ottawa				
Measurement Method:	Global Positioning System				
Applicable Standards:	Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use				
RSC PDF:					

17	1 of 1	W/69.2	63.9 / 0.19	lot 57 OTTAWA ON	WWIS
Well ID:	1535860			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received: 10/12/2005	
Sec. Water Use:				Selected Flag: Yes	
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor: 1844	
Casing Material:				Form Version: 3	
Audit No:	Z31645			Owner:	
Tag:	A029527			Street Name: 309 ATHLONE AVENUE	
Construction Method:				County: OTTAWA-CARLETON	
Elevation (m):				Municipality: OTTAWA CITY	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 057	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	11316399	Elevation:	62.430065
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR:	5			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	441130
Code OB Desc:	Bedrock			North83:	5027223
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/25/2005			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 932997354
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Other Materials: SILT
Mat3:
Other Materials:
Formation Top Depth: 1.27
Formation End Depth: 1.52
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 932997355
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 17
Other Materials: SHALE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 1.52
Formation End Depth: 4.7
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 932997352
Layer: 1
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:			0.1		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932997353		
Layer:			2		
Color:			6		
General Color:			BROWN		
Mat1:			06		
Most Common Material:			SILT		
Mat2:			28		
Other Materials:			SAND		
Mat3:			11		
Other Materials:			GRAVEL		
Formation Top Depth:			0.1		
Formation End Depth:			1.27		
Formation End Depth UOM:			m		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			933278557		
Layer:			1		
Plug From:			0.9		
Plug To:			1.25		
Plug Depth UOM:			m		
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:			5		
Method Construction:			Air Percussion		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			11331254		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			930855843		
Layer:			1		
Material:			5		
Open Hole or Material:			PLASTIC		
Depth From:			0.9		
Depth To:			1.25		
Casing Diameter:			5		
Casing Diameter UOM:			cm		
Casing Depth UOM:			m		
<u>Construction Record - Screen</u>					
Screen ID:			933414955		
Layer:			1		
Slot:			010		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top Depth:		1.25			
Screen End Depth:		4.7			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		5.8			
Hole Diameter					
Hole ID:		11533979			
Diameter:		20			
Depth From:		0			
Depth To:		4.7			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

18	1 of 1	WSW/76.0	64.9 / 1.18	Ottawa ON	SPL
Ref No:	6033-AQPND3			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	8/28/2017			Health/Env Conseq:	2 - Minor Environment
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Industrial
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	HYDRAULIC OIL			Site Address:	
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	n/a			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Land			Northing:	5027166
MOE Response:	No			Easting:	441149
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	8/29/2017			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure			Source Type:	Valve/Fitting/Piping
Site Name:	OLRT<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	OLRT: 4 L hydraulic oil to gravel; contd & clng				
Contaminant Qty:	4 L				

19	1 of 2	ESE/57.6	64.8 / 1.06	Construction <UNOFFICIAL> 319 McRae St. Ottawa ON	SPL
Ref No:	7363-9YGP32			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	7/16/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Industrial
Incident Event:				Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	HYDRAULIC OIL			Site Address:	319 McRae St.
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Receiving Medium: Receiving Env: MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 7/16/2015 Dt Document Closed: 9/16/2015 Incident Reason: Operator/Human Error Site Name: Construction site<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Broccolini Construction Ottawa, 375 L hyd oil to gravel. Contaminant Qty: 375 L				Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Land Spills Source Type:	
19	2 of 2	ESE/57.6	64.8 / 1.06	Broccolini Construction Ottawa Inc. 319 McRae ottawa ON K1Z 5R8	GEN
Generator No: ON5516124 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 236110, 236210, 236220 SIC Description: RESIDENTIAL BUILDING CONSTRUCTION, INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION, COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION				PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS					
20	1 of 2	SE/53.0	65.1 / 1.36	359 McRae Street<UNOFFICIAL> Ottawa ON K1Z 8P4	SPL
Ref No: 6347-785KJ6 Site No: Incident Dt: Year: Incident Cause: Tank (Underground) Leak Incident Event: Contaminant Code: 13 Contaminant Name: FURNACE OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Soil Contamination Receiving Medium: Land Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 10/19/2007 Dt Document Closed: 10/26/2007 Incident Reason: Equipment Failure Site Name: 359 McRae Street<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Dependable Demolition, 50 L furnace oil Contaminant Qty: 50 L				Discharger Report: Material Group: Oil Health/Env Conseq: Client Type: Sector Type: Other Agency Involved: Nearest Watercourse: Site Address: 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: Source Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	2 of 2	SE/53.0	65.1 / 1.36	359 McRAE STREET OTTAWA ON	HINC

External File Num: FS INC 0710-06122
Fuel Occurrence Type: Liquid Petroleum Spill
Date of Occurrence: 10/19/2007
Fuel Type Involved: Fuel Oil
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Commercial (e.g. restaurant, business unit, etc)
Service Interruptions: No
Property Damage: Yes
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No
Management:Yes Human Factors:Yes

Reported Details:
Fuel Category: Liquid Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Ottawa
Approx. Quant. Rel: 50
Nearby body of water: No
Enter Drainage Syst.: Unknown
Approx. Quant. Unit: Liters
Environmental Impact: UST situated in clay soil - oil seems to be contained within the clay soil around tank from original discovery of it's existence.

21	1 of 1	SE/62.0	65.1 / 1.42	361 McRae Avenue Ottawa ON K1Z 8P4	EHS
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Order No: 20100601019
Status: C
Report Type: Custom Report
Report Date: 6/2/2010
Date Received: 6/1/2010
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.749326
Y: 45.395231

22	1 of 1	WSW/114.6	64.6 / 0.87	Design 1st Inc. 314 Athlone Ave Ottawa ON K1Z 5M4	SCT
--------------------	--------	-----------	-------------	---	-----

Established: 01-JAN-96
Plant Size (ft²): 3200
Employment:

--Details--
Description: All Other Miscellaneous Manufacturing
SIC/NAICS Code: 339990

Description: Industrial Design Services
SIC/NAICS Code: 541420

Description: All Other General-Purpose Machinery Manufacturing
SIC/NAICS Code: 333990

Description: Other Management Consulting Services
SIC/NAICS Code: 541619

Description: Machine Shops
SIC/NAICS Code: 332710

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		Other Specialized Design Services			
SIC/NAICS Code:		541490			
Description:		Engineering Services			
SIC/NAICS Code:		541330			
Description:		All Other Miscellaneous Fabricated Metal Product Manufacturing			
SIC/NAICS Code:		332999			
23	1 of 1	SSW/107.4	65.9 / 2.12	FINE PRINT INC. 345A ATHLONE AVE OTTAWA ON K1Z 5M3	SCT
Established:		1986			
Plant Size (ft²):		400			
Employment:		1			
--Details--					
Description:		Stationery Product Manufacturing			
SIC/NAICS Code:		322230			
Description:		All Other Converted Paper Product Manufacturing			
SIC/NAICS Code:		322299			
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Support Activities for Printing			
SIC/NAICS Code:		323120			
Description:		Sign Manufacturing			
SIC/NAICS Code:		339950			
24	1 of 1	NNW/117.2	61.8 / -1.95	Hash Machinery Systems 35 Briarway Pvt Ottawa ON K1Z 1C3	SCT
Established:		8/1/2003			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Industrial Mould Manufacturing			
SIC/NAICS Code:		333511			
Description:		Stamping			
SIC/NAICS Code:		332118			
Description:		Metal Window and Door Manufacturing			
SIC/NAICS Code:		332321			
Description:		Non-Ferrous Foundries (except Die-Casting)			
SIC/NAICS Code:		331529			
25	1 of 1	NE/153.0	61.9 / -1.82	HYDRO OTTAWA 305 CLIFTON OTTAWA ON K1Z 5V1	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON6815148			PO Box No:	
Status:				Country:	
Approval Years:	04,05			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	221122				
SIC Description:	Electric Power Distribution				
Detail(s)					
Waste Class:	243				
Waste Class Desc:	PCB'S				

26	1 of 1	NE/153.1	61.9 / -1.82	Hydro Ottawa Limited 305 Clifton Rd Ottawa ON	SPL
Ref No:	7855-5WZQLZ			Discharger Report:	
Site No:				Material Group:	Chemical
Incident Dt:	3/3/2004			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Valve / Fitting Leak Or Failure			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	26			Nearest Watercourse:	
Contaminant Name:	TRANSFORMER OIL (GT 50 PPM PCB)			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:	Confirmed			Site Municipality:	Ottawa
Nature of Impact:	Human Health/Safety; 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:	3/12/2004			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Spill to Land
Incident Reason:	Equipment Failure			Source Type:	
Site Name:	CLIFTON STREET SUB-STATION<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Hydro Ottawa: Trans Oil Spill@316 ppm.				
Contaminant Qty:	171 L				

27	1 of 1	SW/151.0	66.0 / 2.27	342 Athlone Avenue Ottawa ON K1Z 5M4	SPL
Ref No:	5207-5Q6MTP			Discharger Report:	
Site No:				Material Group:	Oil
Incident Dt:	8/6/2003			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Valve / Fitting Leak Or Failure			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	13			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:	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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason:	8/6/2003			Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Spill to Land
Incident Reason:	Corrosion - All forms of internal/external corrosion				
Site Name:	S. 21				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Ottawa: 2L furnace oil spill to grd				
Contaminant Qty:	2 L				

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SSW/150.6

65.9 / 2.22

OTTAWA ON

WWIS

Well ID: 7245885
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z180818
Tag: A147999
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 8/5/2015
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 7
Owner:
Street Name: SCOTT ST. / TWEEDSMUIR AVE.
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005537704
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 7/23/2015
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 63.4039
Elevrc:
Zone: 18
East83: 441167
North83: 5027048
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1005643009
Layer: 1
Plug From: 0
Plug To: 17
Plug Depth UOM: ft

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005643008			
Layer:		1			
Plug From:		0			
Plug To:		17			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005643000			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005643004			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		12			
Casing Diameter:		1.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005643005			
Layer:		1			
Slot:		015			
Screen Top Depth:		12			
Screen End Depth:		17			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.25			
<u>Water Details</u>					
Water ID:		1005643003			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		15			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005643002			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Diameter:		1.25			
Depth From:		0			
Depth To:		17			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
29	1 of 1	ENE/177.5	61.9 / -1.82	1946 Scott St Ottawa ON K1Z1E3	EHS
Order No:	20150521094	Nearest Intersection:			
Status:	C	Municipality:		Ottawa	
Report Type:	Standard Report	Client Prov/State:		ON	
Report Date:	28-MAY-15	Search Radius (km):		.25	
Date Received:	21-MAY-15	X:		-75.748725	
Previous Site Name:		Y:		45.397356	
Lot/Building Size:	666 square metres				
Additional Info Ordered:					
30	1 of 2	ENE/178.5	61.9 / -1.82	Westboro Lofts Inc. 1946 Scott St Ottawa ON K1Y 2C1	ECA
Approval No:	6695-B5MH8E	MOE District:			
Approval Date:	2018-10-18	City:			
Status:	Approved	Longitude:			
Record Type:	ECA	Latitude:			
Link Source:	IDS	Geometry X:			
SWP Area Name:		Geometry Y:			
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	1946 Scott St				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0247-B56KSQ-14.pdf				
30	2 of 2	ENE/178.5	61.9 / -1.82	1946 SCOTT STREET, OTTAWA, ON K1Z 1E8 Ottawa ON	RSC
RSC ID:	225148	Cert Date:			
RA No:		Cert Prop Use No:			
RSC Type:	Phase 1 and 2 RSC	Intended Prop Use:		Residential	
Curr Property Use:	Commercial	Qual Person Name:		WILLIAM KOLLAARD	
Ministry District:	Ottawa District Office	Stratified (Y/N):			
Filing Date:	2018/11/15	Audit (Y/N):			
Date Ack:		Entire Leg Prop. (Y/N):			
Date Returned:		Accuracy Estimate:			
Restoration Type:		Telephone:			
Soil Type:		Fax:			
Criteria:		Email:			
CPU Issued Sect 1686:					
Asmt Roll No:	0614084301288000000				
Prop ID No (PIN):	04021-0458 (LT)				
Property Municipal Address:	1946 SCOTT STREET, OTTAWA, ON K1Z 1E8				
Mailing Address:					
Latitude & Latitude:					
UTM Coordinates:					
Consultant:					
Filing Owner:	WESTBORO LOFTS INC.				
Legal Desc:					
Measurement Method:					
Applicable Standards:					

<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>
RSC PDF:				https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=105107&fileName=BROWNFIELDS-E.pdf	
<u>Document(s) Detail</u>					
Document Heading:		Supporting Documents			
Document Name:		CertificateStatusWestboroLoftsInc.pdf			
Document Type:		Certificate of Status			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=105112&fileName=CertificateStatusWestboroLoftsInc.pdf			
Document Heading:		Supporting Documents			
Document Name:		Proof of Owner Authorization.pdf			
Document Type:		Proof of the owner's authorization			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=105105&fileName=Proof+of+Owner+Authorization.pdf			
Document Heading:		Supporting Documents			
Document Name:		Areas of Potential Environmental Concern.pdf			
Document Type:		Area(s) of Potential Environmental Concern			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=105111&fileName=Areas+of+Potential+Environmental+Concern.pdf			
Document Heading:		Supporting Documents			
Document Name:		Survey.pdf			
Document Type:		A Current plan of Survey			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=105115&fileName=Survey.pdf			
Document Heading:		Supporting Documents			
Document Name:		phasetwo.pdf			
Document Type:		Phase 2 Conceptual Site Model			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=106394&fileName=phasetwo.pdf			
Document Heading:		Supporting Documents			
Document Name:		Table of Current and Past Uses.pdf			
Document Type:		Table of Current and Past Property Use			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=105114&fileName=Table+of+Current+and+Past+Uses.pdf			
Document Heading:		Supporting Documents			
Document Name:		Lawyer letter v2.pdf			
Document Type:		Lawyer's letter consisting of a legal description of the property			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=105116&fileName=Lawyer+letter+v2.pdf			
Document Heading:		Supporting Documents			
Document Name:		Legal.pdf			
Document Type:		Copy of any deed(s), transfer(s) or other document(s)			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=105108&fileName=Legal.pdf			

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NE/173.5

61.9 / -1.82

1946 Scott Street
Ottawa ON

EHS

Order No: 20110530041
Status: C
Report Type: Standard Select Report
Report Date: 6/8/2011
Date Received: 5/30/2011 4:22:28 PM
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection: West Village
Municipality: Ottawa
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.748871
Y: 45.397473

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	1 of 6	SE/127.1	65.9 / 2.13	PRIVATE BUSINESS (N.O.S.) 225 RICHMOND RD. OTTAWA OTTAWA CITY ON K1Z 6W7	SPL
Ref No: 200477 Site No: Incident Dt: 5/11/2001 Year: Incident Cause: OTHER CAUSE (N.O.S.) Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Possible Nature of Impact: Human health Receiving Medium: Land Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 5/11/2001 Dt Document Closed: Incident Reason: OTHER Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: PRIVATE BUSINESS: 2L OIL SPILLED TO PARKING LOT. ABSORBED & CLEANED UP. 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:			
32	2 of 6	SE/127.1	65.9 / 2.13	Otto's Service Centre Limited 225/245 Richmond Road Ottawa Ontario K1Z 6W7 Ottawa ON	EBR
EBR Registry No: IA05E0818 Ministry Ref No: 4991-6CFLKE Notice Type: Instrument Decision Notice Stage: 803006627 Notice Date: July 18, 2005 Proposal Date: May 18, 2005 Year: 2005 Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) Off Instrument Name: Posted By: Company Name: Otto's Service Centre Limited Site Address: Location Other: Proponent Name: Proponent Address: 225/245 Richmond Road, Ottawa Ontario, K1Z 6W7 Comment Period: URL:		Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:			
Site Location Details: 225/245 Richmond Road Ottawa Ontario K1Z 6W7 Ottawa					
32	3 of 6	SE/127.1	65.9 / 2.13	3526097 Canada Inc. 225 Richmond Road	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON K1Z 6W7					
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		1590-6AZS46 2005 4/8/2005 Industrial Sewage Works Approved			
32	4 of 6	SE/127.1	65.9 / 2.13	Otto's Service Centre Limited 225 Richmond Road Ottawa K1Z 5H1 CITY OF OTTAWA ON	EBR
EBR Registry No: Ministry Ref No: Notice Type: Notice Stage: Notice Date: Proposal Date: Year: Instrument Type: Off Instrument Name: Posted By: Company Name: Site Address: Location Other: Proponent Name: Proponent Address: Comment Period: URL:		011-3451 6476-8GCJEX Instrument Decision 803857988 October 27, 2011 May 03, 2011 2011 (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:	
Site Location Details: 225 Richmond Road Ottawa K1Z 5H1 CITY OF OTTAWA					
32	5 of 6	SE/127.1	65.9 / 2.13	Otto's Service Centre Limited 225/245 Richmond Road Ottawa ON K1Z 6W7	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:		4317-6EAR9Z 2005-07-15 Approved ECA IDS Rideau Valley ECA-AIR AIR 225/245 Richmond Road		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	
https://www.accessenvironment.ene.gov.on.ca/instruments/4991-6CFLKE-14.pdf		Ottawa -75.7495 45.39417599999995			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	6 of 6	SE/127.1	65.9 / 2.13	3526097 Canada Inc. 225 Richmond Road Ottawa ON K1Z 6W7	ECA
Approval No: 1590-6AZS46 Approval Date: 2005-04-08 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Address: 225 Richmond Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8292-699SSV-14.pdf		MOE District: Ottawa City: Longitude: -75.7495 Latitude: 45.394175999999995 Geometry X: Geometry Y:			
33	1 of 1	W/161.2	62.8 / -0.97	OTTAWA ON	WWIS
Well ID: 7240885 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z186914 Tag: A173739 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Data Src: Date Received: 5/5/2015 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 205 LANARK AVE. County: OTTAWA-CARLETON Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
<u>Bore Hole Information</u>					
Bore Hole ID: 1005337685 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 4/17/2015 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 61.991821 Elevrc: Zone: 18 East83: 441027 North83: 5027272 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005603358			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		12			
Other Materials:		STONES			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		1.22			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005603359			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		74			
Other Materials:		LAYERED			
Mat3:					
Other Materials:					
Formation Top Depth:		1.22			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005603369			
Layer:		2			
Plug From:		0.31			
Plug To:		2.74			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005603368			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005603370			
Layer:		3			
Plug From:		2.74			
Plug To:		6.1			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1005603357				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1005603363				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	3.1				
Casing Diameter:	4.03				
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	1005603364				
Layer:	1				
Slot:	10				
Screen Top Depth:	3.1				
Screen End Depth:	6.1				
Screen Material:	5				
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:	4.82				
<u>Hole Diameter</u>					
Hole ID:	1005603361				
Diameter:	7.62				
Depth From:	2.13				
Depth To:	6.1				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
<u>Hole Diameter</u>					
Hole ID:	1005603360				
Diameter:	11.43				
Depth From:	0				
Depth To:	2.13				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				

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NW/158.3

61.8 / -1.88

CANADIAN BROADCASTING CORP.
250 LANARK AVE, BOX #3220, STN "C"
OTTAWA ON K1Z 6R5

GEN

Generator No: ON0045402
Status:
Approval Years: 86,87
Contam. Facility:
MHSW Facility:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code: 4811 SIC Description: RADIO BROADCASTING					
<u>Detail(s)</u>					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
34	2 of 20	NW/158.3	61.8 / -1.88	CANADIAN BROADCASTING CORP. 250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	GEN
Generator No: ON0045402 Status: Approval Years: 88,89,90 Contam. Facility: MHSW Facility: SIC Code: 4811 SIC Description: RADIO BROADCASTING				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: 213 Waste Class Desc: PETROLEUM DISTILLATES					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
34	3 of 20	NW/158.3	61.8 / -1.88	CANADIAN BROADCASTING CORP. 08-276 250 LANARK AVE. OTTAWA ON K1Z 6R5	GEN
Generator No: ON0045402 Status: Approval Years: 92,93,95,96,97 Contam. Facility: MHSW Facility: SIC Code: 4811 SIC Description: RADIO BROADCASTING				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: 113 Waste Class Desc: ACID WASTE - OTHER METALS					
Waste Class: 121 Waste Class Desc: ALKALINE WASTES - HEAVY METALS					
Waste Class: 213 Waste Class Desc: PETROLEUM DISTILLATES					
Waste Class: 221 Waste Class Desc: LIGHT FUELS					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
34	4 of 20	NW/158.3	61.8 / -1.88	CANADIAN BROADCASTING CORP. 08-276 250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON0045402			PO Box No:	
Status:				Country:	
Approval Years:	94			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	4811				
SIC Description:		RADIO BROADCASTING			
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			

34	5 of 20	NW/158.3	61.8 / -1.88	CANADIAN BROADCASTING CORPORATION 250 LANARK AVENUE OTTAWA ON K1Y 1E4	GEN
Generator No:	ON0045402			PO Box No:	
Status:				Country:	
Approval Years:	98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	4811				
SIC Description:		RADIO BROADCASTING			
<u>Detail(s)</u>					
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

[34](#) 6 of 20 **NW/158.3** **61.8 / -1.88** **ProFac -CBC Ottawa
250 Lanark Avenue
Ottawa ON K1Y 1E4** **GEN**

Generator No:	ON0045402	PO Box No:	
Status:		Country:	
Approval Years:	02,03,04	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	113
Waste Class Desc:	ACID WASTE - OTHER METALS
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	243
Waste Class Desc:	PCB'S
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES

[34](#) 7 of 20 **NW/158.3** **61.8 / -1.88** **Public Works and Government Services Canada
250 Lanark Ave
Ottawa ON K1Z 1G4** **GEN**

Generator No:	ON8507466	PO Box No:	
Status:		Country:	
Approval Years:	05,06,07,08	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	911910		
SIC Description:	Other Federal Government Public Administration		

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
34	8 of 20	NW/158.3	61.8 / -1.88	SNC Lavalin Profac Graham Spry Bldg. 250 Lanark Ave. Ottawa ON K1Z 1G4	GEN
Generator No:	ON6794727			PO Box No:	
Status:				Country:	
Approval Years:	07,08			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:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
34	9 of 20	NW/158.3	61.8 / -1.88	Graham Spry Building, 250 Lanark Ave. <UNOFFICIAL> Ottawa ON K1Z 1G4	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ref No:	4442-84VW5X			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Cooling System Leak			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	38			Nearest Watercourse:	
Contaminant Name:	REFRIGERANT GAS, N.O.S.			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:	
Nature of Impact:	Air Pollution			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	4/26/2010			Site Map Datum:	
Dt Document Closed:	4/30/2010			SAC Action Class:	Air Spills - Fires
Incident Reason:	Equipment Failure - Malfunction of system components			Source Type:	
Site Name:	Graham Spry Building, 250 Lanark Ave.<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Graham Spry Building-90 Kg Refrigerant leak from Chiller.				
Contaminant Qty:					

34	10 of 20	NW/158.3	61.8 / -1.88	Public Works and Government Services Canada 250 Lanark Ave Ottawa ON K1Z 1G4	GEN
Generator No:	ON8507466			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				
<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:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	211				
Waste Class Desc:	AROMATIC SOLVENTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
34	11 of 20	NW/158.3	61.8 / -1.88	Public Works and Government Services Canada 250 Lanark Ave Ottawa ON K1Z 1G4	GEN
Generator No:	ON8507466			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				
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
34	12 of 20	NW/158.3	61.8 / -1.88	SNC-Lavalin Constructors (Pacific) Inc. 250 Lanark Avenue Ottawa ON	SPL
Ref No:	3623-97CPVK			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	03-MAY-13			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Leak/Break			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	38			Nearest Watercourse:	
Contaminant Name:	REFRIGERANT GAS, N.O.S.			Site Address:	250 Lanark Avenue
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:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	03-MAY-13			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Material Failure & Poor Design/Substandard Material			Source Type:	
Site Name:	Roof-top Cooling Unit<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	SNC Lavalin: unknown qty 134A refrigerant to atm				
Contaminant Qty:	110 kg				
34	13 of 20	NW/158.3	61.8 / -1.88	SNC LAVALIN O & M 250 LANARK AVENUE OTTAWA ON	GEN
Generator No:	ON6726585			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				
34	14 of 20	NW/158.3	61.8 / -1.88	Public Works and Government Services Canada 250 Lanark Ave Ottawa ON K1Z 1G4	GEN
Generator No:	ON8507466			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				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Detail(s)					
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			

[34](#) 15 of 20 **NW/158.3** **61.8 / -1.88** **CANADIAN BROADCASTING CORPORATION** **NPRI**
250 Lanark Ave.
Ottawa ON K1Z6R5

NPRI ID: 8800000505
Other ID:
No Other ID:
Track ID:
Report ID:
Report Type:
Rpt Type ID:
Report Year: 2004
Not-Current Rpt?:
Yr of Last Filed Rpt:
Fac ID:
Fac Name: CBC LANARK
Fac Address1:
Fac Address2:
Fac Postal Zip:
Facility Lat:
Facility Long:
DLS (Last Filed Rpt):
Facility DLS:
Datum:

Org ID:
Submit Date:
Last Modified:
Contact ID:
Cont Type: MED
Contact Title:
Cont First Name: J. Dennis
Cont Last Name: Graham
Contact Position: Manager, Safety & Environment
Contact Fax:
Contact Ph.:
Cont Area Code: 416
Contact Tel.: 2053288
Contact Ext.:
Cont Fax Area Cde: 416
Contact Fax: 2057676
Contact Email: dennis_graham@cbc.ca
Latitude:
Longitude:
UTM Zone:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility Cmnts: URL: No of Empl.: 50 Parent Co.: No Parent Co.: Pollut Prev Cmnts: Stacks: No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 53 NAICS 2 Description: Real Estate and Rental and Leasing NAICS Code (4 digit): 5311 NAICS 4 Description: Lessors of Real Estate NAICS Code (6 digit): 531120 NAICS 6 Description: Lessors of Non-Residential Buildings (except Mini-Warehouses)				UTM Northing: UTM Easting: Waste Streams: No Streams: Waste Off Sites: No Off Sites: Shutdown: No of Shutdown:	
<u>Substance Release Report</u>					
CAS No: 811-97-2 Report ID: Rpt Period: 2004 Subst Released: HFC-134a Hydrofluorocarbon Air: Water: Land: Total Releases: Units: tonnes					
CAS No: 10102-43-9 Report ID: Rpt Period: 2004 Subst Released: Oxides of nitrogen (expressed as NO) Air: Water: Land: Total Releases: Units: tonnes					
CAS No: 7446-09-5 Report ID: Rpt Period: 2004 Subst Released: Sulphur dioxide Air: .099 Water: Land: Total Releases: .099 Units: tonnes					
34	16 of 20	NW/158.3	61.8 / -1.88	Public Works and Government Services Canada 250 Lanark Ave Ottawa ON	GEN
Generator No: ON8507466 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 911910 SIC Description:				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Detail(s)					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			

34	17 of 20	NW/158.3	61.8 / -1.88	250 Lanark Ave Ottawa ON K1Z1G4	EHS
Order No:	20150303038			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	06-MAR-15			Search Radius (km):	.25
Date Received:	03-MAR-15			X:	-75.752721
Previous Site Name:				Y:	45.397494
Lot/Building Size:					
Additional Info Ordered:	Topographic Maps				

34	18 of 20	NW/158.3	61.8 / -1.88	Public Works and Government Services Canada 250 Lanark Ave Ottawa ON K1Z 1G4	GEN
Generator No:	ON8507466			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Adam Cockburn
MHSW Facility:	No			Phone No Admin:	(613) 784-5198 Ext.
SIC Code:	911910				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		911910			
<u>Detail(s)</u>					
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

34 19 of 20 **NW/158.3** **61.8 / -1.88** **BGIS**
250 Lanark Avenue
Ottawa ON K1Z 1G5 **GEN**

Generator No:	ON6926112	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Dec 2018	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	148 L
Waste Class Desc:	Misc. wastes and inorganic chemicals

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		221 I			
Waste Class Desc:		Light fuels			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			

[34](#) 20 of 20 **NW/158.3** **61.8 / -1.88** **BGIS**
250 Lanark Avenue
Ottawa ON K1Z 1G5 **GEN**

Generator No: ON6926112
Status: Registered
Approval Years: As of Oct 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 221 I
Waste Class Desc: Light fuels

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

Waste Class: 148 L
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 122 C
Waste Class Desc: Alkaline slutions - containing other metals and non-metals (not cyanide)

[35](#) 1 of 1 **W/162.7** **62.8 / -0.97** **OTTAWA ON** **WWIS**

Well ID: 7240887
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z198130
Tag: A173738
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/5/2015
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 205 LANARK AVE.
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005337703
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:

Elevation: 61.971324
Elevrc:
Zone: 18
East83: 441026
North83: 5027279

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	4/17/2015			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005603557			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		74			
Other Materials:		LAYERED			
Mat3:					
Other Materials:					
Formation Top Depth:		1.22			
Formation End Depth:		15.24			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005603556			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		12			
Other Materials:		STONES			
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0			
Formation End Depth:		1.22			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005603567			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005603568			
Layer:		2			
Plug From:		0.31			
Plug To:		11.58			
Plug Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005603569			
Layer:		3			
Plug From:		11.58			
Plug To:		15.24			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		5			
Method Construction Code:		Air Percussion			
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005603555			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005603561			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		12.19			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1005603562			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005603563			
Layer:		1			
Slot:		10			
Screen Top Depth:		12.19			
Screen End Depth:		15.24			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:			1005603558		
Diameter:			11.43		
Depth From:			0		
Depth To:			1.83		
Hole Depth UOM:			m		
Hole Diameter UOM:			cm		
<u>Hole Diameter</u>					
Hole ID:			1005603559		
Diameter:			7.62		
Depth From:			1.83		
Depth To:			15.24		
Hole Depth UOM:			m		
Hole Diameter UOM:			cm		

<u>36</u>	1 of 1	NE/179.5	62.1 / -1.67	ON	BORE
Borehole ID:	613056			Inclin FLG:	No
OGF ID:	215514360			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	MAR-1968			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.397772
Total Depth m:	4.1			Longitude DD:	-75.749084
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	441371
Drill Method:				Northing:	5027412
Orig Ground Elev m:	62.8			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	56.6				
Concession:					
Location D:					
Survey D:					
Comments:					

<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218393506			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Boulders			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	TILL.				
Geology Stratum ID:	218393507			Mat Consistency:	
Top Depth:	1			Material Moisture:	
Bottom Depth:	2.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 4: Gsc Material Description: Stratum Description:		BEDROCK.		Depositional Gen:	
Geology Stratum ID:	218393508			Mat Consistency:	Dense
Top Depth:	2.6			Material Moisture:	
Bottom Depth:	4.1			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. ARTIFICIAL. ARTIFICIAL. 000040140002001700035004 DENSE. SAND. DENSE. BEDROCK.				
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: 055640 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				
37	1 of 1	SSE/144.9	66.9 / 3.21	Otto's Service Centre Limited 225/245 Richmond Road Ottawa ON	CA
Certificate #:	4317-6EAR9Z				
Application Year:	2005				
Issue Date:	7/15/2005				
Approval Type:	Air				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
38	1 of 1	S/153.9	66.7 / 2.99	OTTAWA ON	WWIS
Well ID:	7300858				
Construction Date:					
Primary Water Use:	Test Hole				
Sec. Water Use:	Monitoring				
Final Well Status:	Observation Wells				
Water Type:					
Data Entry Status:					
Data Src:					
Date Received:	12/5/2017				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	7241				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:				Form Version:	7
Audit No:	Z206457			Owner:	
Tag:	A182637			Street Name:	255 RICHMOND RD
Construction Method:				County:	OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006858102			Elevation:	65.766708
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441258
Code OB Desc:				North83:	5027001
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/16/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007050375				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:	77				
Other Materials:	LOOSE				
Formation Top Depth:	0				
Formation End Depth:	0.31				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007050377				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:	17				
Other Materials:	SHALE				
Mat3:	74				
Other Materials:	LAYERED				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		2.13			
Formation End Depth:		7.62			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007050376			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0.31			
Formation End Depth:		2.13			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050386			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050387			
Layer:		2			
Plug From:		0.31			
Plug To:		4.27			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050388			
Layer:		3			
Plug From:		4.27			
Plug To:		7.62			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007050374			
Casing No:		0			
Comment:					

Alt Name:

Construction Record - Casing

Casing ID: 1007050381
 Layer: 1
 Material: 5
 Open Hole or Material: PLASTIC
 Depth From: 0
 Depth To: 4.57
 Casing Diameter: 4.03
 Casing Diameter UOM: cm
 Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1007050382
 Layer: 1
 Slot: 10
 Screen Top Depth: 4.57
 Screen End Depth: 7.62
 Screen Material: 5
 Screen Depth UOM: m
 Screen Diameter UOM: cm
 Screen Diameter: 4.82

Hole Diameter

Hole ID: 1007050378
 Diameter: 11.43
 Depth From: 0
 Depth To: 3.1
 Hole Depth UOM: m
 Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1007050379
 Diameter: 7.62
 Depth From: 3.1
 Depth To: 1.62
 Hole Depth UOM: m
 Hole Diameter UOM: cm

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1 of 1

S/160.7

66.8 / 3.03

OTTAWA ON

[WWIS](#)

Well ID: 7300863
 Construction Date:
 Primary Water Use: Test Hole
 Sec. Water Use: Monitoring
 Final Well Status: Observation Wells
 Water Type:
 Casing Material:
 Audit No: Z238087
 Tag: A199203
 Construction Method:
 Elevation (m):
 Elevation Reliability:
 Depth to Bedrock:
 Well Depth:
 Overburden/Bedrock:

Data Entry Status:
 Data Src:
 Date Received: 12/5/2017
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 7241
 Form Version: 7
 Owner:
 Street Name: 255 RICHMOND RD
 County: OTTAWA-CARLETON
 Municipality: OTTAWA CITY
 Site Info:
 Lot:
 Concession:
 Concession Name:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1006858117 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 10/24/2017 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 65.586868 Elevrc: Zone: 18 East83: 441251 North83: 5026995 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1007050446 Layer: 1 Color: 6 General Color: BROWN Mat1: 06 Most Common Material: SILT Mat2: 28 Other Materials: SAND Mat3: 66 Other Materials: DENSE Formation Top Depth: 0 Formation End Depth: 2 Formation End Depth UOM: m					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1007050447 Layer: 2 Color: 2 General Color: GREY Mat1: Most Common Material: Mat2: Other Materials: Mat3: 73 Other Materials: HARD Formation Top Depth: 2 Formation End Depth: 4.5 Formation End Depth UOM: m					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1007050448					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		4.5			
Formation End Depth:		7.9			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050457			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050459			
Layer:		3			
Plug From:		4.49			
Plug To:		7.9			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050458			
Layer:		2			
Plug From:		0.31			
Plug To:		4.49			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007050445			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007050452			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:		0 3.45 cm m			
<u>Construction Record - Screen</u>					
Screen ID: Layer: Slot: Screen Top Depth: Screen End Depth: Screen Material: Screen Depth UOM: Screen Diameter UOM: Screen Diameter:		1007050453 1 10 5 m cm 4.21			
<u>Hole Diameter</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:		1007050449 8.25 0 2.17 m cm			
<u>Hole Diameter</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:		1007050450 5.6 2.17 7.9 m cm			
40	1 of 2	NNE/174.8	61.0 / -2.75	Minto (Island Park) Limited 38 Metropole Private Ottawa ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		5139-5RNJ7J 2003 9/30/2003 Air Approved 			
40	2 of 2	NNE/174.8	61.0 / -2.75	Minto (Island Park) Limited 38 Metropole Pvt Ottawa ON K1R 7Y2	ECA
Approval No: Approval Date: Status:		5139-5RNJ7J 2003-09-30 Approved		MOE District: City: Longitude:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:	ECA IDS ECA-AIR AIR 38 Metropole Pvt https://www.accessenvironment.ene.gov.on.ca/instruments/9984-5QBKCV-14.pdf			Latitude: Geometry X: Geometry Y:	
41	1 of 1	ESE/152.6	66.0 / 2.23	Leimerk Developments Ltd. 205 Richmond Road Ottawa ON K1Z 6W4	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5481302 04			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
42	1 of 1	ESE/161.8	66.0 / 2.25	Aland Enterprises 199 Richmond Rd Ottawa ON K1Z 6W4	SCT
Established: Plant Size (ft²): Employment: --Details-- Description: SIC/NAICS Code: Description: SIC/NAICS Code:	01-AUG-85 Electrical Wiring and Construction Supplies Wholesaler-Distributors 416110 Electrical Wiring and Construction Supplies Wholesaler-Distributors 416110				
43	1 of 3	ESE/160.2	65.9 / 2.21	Bushtukah 203 Richmond rd Ottawa ON K1Z 6W4	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description: Detail(s) Waste Class: Waste Class Desc:	ON8211371 04,05,06,07,08 451110 Sporting Goods Stores 251 OIL SKIMMINGS & SLUDGES			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
43	2 of 3	ESE/160.2	65.9 / 2.21	Bushtukah 203 Richmond rd Ottawa ON	GEN
Generator No: Status:	ON8211371			PO Box No: Country:	

Map Key	Number of Records	Direction/Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2009 451110	Sporting Goods Stores		Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	251	OIL SKIMMINGS & SLUDGES			
<u>43</u>	3 of 3	ESE/160.2	65.9 / 2.21	Bushtukah 203 Richmond rd Ottawa ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON8211371 2010 451110	Sporting Goods Stores		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	251	OIL SKIMMINGS & SLUDGES			
<u>44</u>	1 of 1	S/171.5	66.7 / 2.99	OTTAWA ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	7300862 Test Hole Monitoring Observation Wells Z238059 A190996 1006858114			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/5/2017 Yes 7241 7 255 RICHMOND RD OTTAWA-CARLETON OTTAWA CITY
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	1006858114 10/24/2017			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	65.692939 18 441252 5026984 UTM83 4 margin of error : 30 m - 100 m

Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Location Method: WWF

Overburden and Bedrock Materials Interval

Formation ID: 1007050433
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3: 73
Other Materials: HARD
Formation Top Depth: 9
Formation End Depth: 25
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007050432
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 1
Formation End Depth: 9
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007050431
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3: 73
Other Materials: HARD
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1007050442			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050443			
Layer:		2			
Plug From:		1			
Plug To:		14			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050444			
Layer:		3			
Plug From:		14			
Plug To:		25			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007050430			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007050437			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		15			
Casing Diameter:		1.38			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007050438			
Layer:		1			
Slot:		10			
Screen Top Depth:		15			
Screen End Depth:		25			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Diameter:		1.66			
<u>Hole Diameter</u>					
Hole ID:	1007050434				
Diameter:	2.875				
Depth From:	0				
Depth To:	9				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
<u>Hole Diameter</u>					
Hole ID:	1007050435				
Diameter:	2.375				
Depth From:	9				
Depth To:	25				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				

45	1 of 9	NE/204.0	61.0 / -2.76	City of Ottawa 1997 Scott St. Ottawa ON	SPL
Ref No:	0306-5Z4QBV			Discharger Report:	
Site No:				Material Group:	Chemical
Incident Dt:	5/18/2004			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Pipe Or Hose Leak			Sector Type:	Other Motor Vehicle
Incident Event:				Agency Involved:	
Contaminant Code:	27			Nearest Watercourse:	
Contaminant Name:	COOLANT 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:	Eastern
Environment Impact:	Not Anticipated			Site Municipality:	Ottawa
Nature of Impact:	Surface Water Pollution			Site Lot:	
Receiving Medium:	Water			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	5/18/2004			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	Unknown - Reason not determined			Source Type:	
Site Name:	OC TRANSP - WESTBORO STATION<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	OC Transpo - 1.5 gal. coolant to sewer.				
Contaminant Qty:	6.75 L				

45	2 of 9	NE/204.0	61.0 / -2.76	City of Ottawa 1997 Scott Station Ottawa ON	CA
Certificate #:	2460-6PENF5				
Application Year:	2006				
Issue Date:	5/12/2006				
Approval Type:	Air				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
45	3 of 9	NE/204.0	61.0 / -2.76	City of Ottawa, OC Transpo 1997 Scott Street Ottawa ON	GEN
Generator No:	ON4311860			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	485110				
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		150			
Waste Class Desc:		INERT INORGANIC WASTES			
45	4 of 9	NE/204.0	61.0 / -2.76	City of Ottawa 1997 Scott Station Ottawa ON K2G 6J8	ECA
Approval No:	2460-6PENF5			MOE District:	
Approval Date:	2006-05-12			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Address:	1997 Scott Station				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2839-6MUPN9-14.pdf				
45	5 of 9	NE/204.0	61.0 / -2.76	City of Ottawa, OC Transpo 1997 Scott Street Ottawa ON K1G 0Z8	GEN
Generator No:	ON4311860			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Barbara Collett
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.52434
SIC Code:	485110				
SIC Description:	485110				
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		150			
Waste Class Desc:		INERT INORGANIC WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
45	6 of 9	NE/204.0	61.0 / -2.76	City of Ottawa, OC Transpo 1997 Scott Street Ottawa ON K1G 0Z8	GEN
Generator No:	ON4311860			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Barbara Collett
MHSW Facility:	No			Phone No Admin:	613842-3636 Ext.2434
SIC Code:	485110				
SIC Description:	485110				
<u>Detail(s)</u>					
Waste Class:	150				
Waste Class Desc:	INERT INORGANIC WASTES				
45	7 of 9	NE/204.0	61.0 / -2.76	City of Ottawa, OC Transpo 1997 Scott Street Ottawa ON K1G 0Z8	GEN
Generator No:	ON4311860			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Barbara Collett
MHSW Facility:	No			Phone No Admin:	613842-3636 Ext.2434
SIC Code:	485110				
SIC Description:	485110				
<u>Detail(s)</u>					
Waste Class:	150				
Waste Class Desc:	INERT INORGANIC WASTES				
45	8 of 9	NE/204.0	61.0 / -2.76	City of Ottawa, OC Transpo 1997 Scott Street Ottawa ON K1Z 6T2	GEN
Generator No:	ON4289265			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
45	9 of 9	NE/204.0	61.0 / -2.76	City of Ottawa, OC Transpo 1997 Scott Street Ottawa ON K1G 0Z8	GEN
Generator No:	ON4311860			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:					
Detail(s)					
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		150 L			
Waste Class Desc:		Inert organic wastes			
46	1 of 4	WSW/208.3	64.8 / 1.08	BOB PETER'S GARAGE INC. 2046 SCOTT STREET OTTAWA CITY ON K1Z 6T1	CA
Certificate #:		8-4092-96-			
Application Year:		96			
Issue Date:		5/23/1996			
Approval Type:		Industrial air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:		WASTE OIL FURNACE MODEL CB-1400			
Contaminants:		Nitrogen Oxides, Sulphur Dioxide			
Emission Control:		No Controls			
46	2 of 4	WSW/208.3	64.8 / 1.08	Bob Peter's Garage Inc. 2046 Scott Street CITY OF OTTAWA ON	EBR
EBR Registry No:		IA6E0611			
Ministry Ref No:		8409296 19960416			
Notice Type:		Instrument Decision			
Notice Stage:		800468907			
Notice Date:		May 27, 1996			
Proposal Date:		April 22, 1996			
Year:		1996			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Off Instrument Name:					
Posted By:					
Company Name:		Bob Peter's Garage Inc.			
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:		2046 Scott Street, Ottawa Ontario, K1Z 6T1			
Comment Period:					
URL:					
Site Location Details:					
2046 Scott Street CITY OF OTTAWA					
46	3 of 4	WSW/208.3	64.8 / 1.08	2046 Scott St Ottawa ON	SPL
Ref No:		5036-9AELUK			
Site No:					
Incident Dt:		2013/08/09			
Discharger Report:					
Material Group:					
Health/Env Conseq:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year: Incident Cause: Operator/Human error Incident Event: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Confirmed Nature of Impact: Air Pollution; Human Health/Safety Receiving Medium: Receiving Env: MOE Response: Referral to others Dt MOE Arvl on Scn: MOE Reported Dt: 2013/08/09 Dt Document Closed: 2013/08/15				Client Type: Sector Type: Pipeline/Components Agency Involved: Nearest Watercourse: Site Address: 2046 Scott St 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: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill	
Incident Reason: Operator/Human Error Site Name: Gas main strike<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSA FSB: 2in PE main hit, street closed. Contaminant Qty: 0 other - see incident description				Source Type:	

46	4 of 4	WSW/208.3	64.8 / 1.08	2046 SCOTT ST, OTTAWA ON	PINC
Incident ID: Incident No: 1160016 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 4579353 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start Date: 2013/11/14 Operation Type: Pipeline Type: Regulator Type: Summary: 2046 SCOTT ST, OTTAWA - PIPELINE HIT - 2" Reported By: Todd Styles - Enbridge Gas Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes:				Health Impact: Environment Impact: Property Damage: Yes Service Interrupt: Enforce Policy: Yes Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location:	

47	1 of 1	SSW/192.9	66.9 / 3.20	ON	WWIS
Well ID: 1532963 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 237915				Data Entry Status: Data Src: 1 Date Received: 7/29/2002 Selected Flag: Yes Abandonment Rec: Contractor: 1119 Form Version: 1 Owner:	

Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10529710
DP2BR: 4
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/21/2002
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 64.358665
Elevrc:
Zone: 18
East83: 441163.3
North83: 5026996
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: gis

Overburden and Bedrock
Materials Interval

Formation ID: 932879769
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 4
Formation End Depth: 51
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932879768
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		5			
Method Construction Code:		Air Percussion			
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11078280			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930095952			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930095951			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930095953			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991532963			
Pump Set At:					
Static Level:		13			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate:					
Recommended Pump Rate:	1				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	N				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934662664				
Test Type:	Recovery				
Test Duration:	45				
Test Level:	33				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934118530				
Test Type:	Recovery				
Test Duration:	15				
Test Level:	45				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934402144				
Test Type:	Recovery				
Test Duration:	30				
Test Level:	39				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934911761				
Test Type:	Recovery				
Test Duration:	60				
Test Level:	31				
Test Level UOM:	ft				

[48](#) 1 of 1 **ESE/170.5** **66.0 / 2.28** **193 Richmond Rd
Ottawa ON K1Z6W4** **EHS**

Order No: 20170317059
Status: C
Report Type: Standard Report
Report Date: 22-MAR-17
Date Received: 17-MAR-17
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): .25
X: -75.747921
Y: 45.395027

[49](#) 1 of 1 **WSW/211.3** **64.8 / 1.05** **OTTAWA ON** **WWIS**

Well ID: 7170723
Construction Date:

Data Entry Status:
Data Src:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use:	Monitoring and Test Hole			Date Received:	11/1/2011
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z134396			Owner:	
Tag:	A123766			Street Name:	2046 SCOTT ST.
Construction Method:				County:	OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1003593234			Elevation:	61.251266
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441012
Code OB Desc:				North83:	5027136
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	10/11/2011			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1003976700				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Other Materials:					
Mat3:	73				
Other Materials:	HARD				
Formation Top Depth:	2.13				
Formation End Depth:	5.79				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1003976697				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	11				
Most Common Material:	GRAVEL				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Other Materials:					
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		0.31			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003976699			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		1.52			
Formation End Depth:		2.13			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003976698			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		12			
Other Materials:		STONES			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0.31			
Formation End Depth:		1.52			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003976710			
Layer:		2			
Plug From:		0.31			
Plug To:		2.74			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003976711			
Layer:		3			
Plug From:		2.74			
Plug To:		5.79			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1003976709			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		5			
Method Construction Code:		Air Percussion			
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003976696			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003976704			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.74			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003976705			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.74			
Screen End Depth:		5.79			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Hole Diameter</u>					
Hole ID:		1003976702			
Diameter:		7.62			
Depth From:		4.57			
Depth To:		5.79			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1003976701			
Diameter:		11.43			
Depth From:		0			
Depth To:		4.57			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
50	1 of 1	S/175.1	67.8 / 4.12	255 Richmond Rd Ottawa ON K1Z6X1	EHS
Order No:	20170719027			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	25-JUL-17			Search Radius (km):	.25
Date Received:	19-JUL-17			X:	-75.750559
Previous Site Name:				Y:	45.393875
Lot/Building Size:					
Additional Info Ordered:					
51	1 of 6	S/175.2	67.8 / 4.12	255 Richmond Road Ottawa ON K1Z 6X1	EHS
Order No:	20081003007			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	10/14/2008			Search Radius (km):	0.25
Date Received:	10/3/2008			X:	-75.750479
Previous Site Name:				Y:	45.393735
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
51	2 of 6	S/175.2	67.8 / 4.12	Lusitania Collision Center (1996) Limited 255 Richmond road Ottawa ON K1Z 6X1	CA
Certificate #:	8610-5XFJMF				
Application Year:	2004				
Issue Date:	3/26/2004				
Approval Type:	Air				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
51	3 of 6	S/175.2	67.8 / 4.12	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	GEN
Generator No:	ON3292507			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	451110				
SIC Description:	Sporting Goods Stores				

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
51	4 of 6	S/175.2	67.8 / 4.12	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	GEN
Generator No:	ON3292507			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	451110				
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
51	5 of 6	S/175.2	67.8 / 4.12	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	GEN
Generator No:	ON3292507			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	451110				
SIC Description:	Sporting Goods Stores				
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
51	6 of 6	S/175.2	67.8 / 4.12	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON	GEN
Generator No:	ON3292507			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	451110				
SIC Description:	SPORTING GOODS STORES				
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
52	1 of 3	S/175.6	67.8 / 4.08	Lusitania Collision Center (1996) Limited 255 Richmond road Ottawa Ontario Ottawa ON	EBR
EBR Registry No:	IA03E1015			Decision Posted:	
Ministry Ref No:	2830-5P9NYS			Exception Posted:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Notice Type:		Instrument Decision		Section:	
Notice Stage:				Act 1:	
Notice Date:		April 02, 2004		Act 2:	
Proposal Date:		July 15, 2003		Site Location Map:	
Year:		2003			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Off Instrument Name:					
Posted By:					
Company Name:		Lusitania Collision Center (1996) Limited			
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:		255 Richmond Road, Ottawa Ontario, K1Z 6X1			
Comment Period:					
URL:					
Site Location Details:					
255 Richmond road Ottawa Ontario Ottawa					

52	2 of 3	S/175.6	67.8 / 4.08	Lusitania Collision Center (1996) Limited 255 Richmond road Ottawa ON K1Z 6X1	ECA
Approval No:		8610-5XFJMF		MOE District: Ottawa	
Approval Date:		2004-03-26		City:	
Status:		Approved		Longitude: -75.750565	
Record Type:		ECA		Latitude: 45.39386	
Link Source:		IDS		Geometry X:	
SWP Area Name:		Rideau Valley		Geometry Y:	
Approval Type:		ECA-AIR			
Project Type:		AIR			
Address:		255 Richmond road			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/2830-5P9NYS-14.pdf			

52	3 of 3	S/175.6	67.8 / 4.08	255 Richmond Rd Ottawa; Ottawa ON NA	SPL
Ref No:		6084-BB5P4K		Discharger Report:	
Site No:		NA; 0874-5JVLVA		Material Group:	
Incident Dt:		4/11/2019		Health/Env Conseq: 0 - No Impact	
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:		No			
Dt MOE Arvl on Scn:					
MOE Reported Dt:		4/11/2019		Nearest Watercourse:	
Dt Document Closed:		4/29/2019		Site Address: 255 Richmond Rd	
Incident Reason:					
Site Name:		236 Richmond Road<UNOFFICIAL>; Lusitania Collision Center			
Site County/District:		NA			
				Site District Office: Ottawa; Ottawa	
				Site Postal Code: NA	
				Site Region: Eastern	
				Site Municipality: Ottawa; Ottawa	
				Site Lot:	
				Site Conc: NA	
				Northing: NA	
				Easting: NA	
				Site Geo Ref Accu: NA	
				Site Map Datum: NA	
				SAC Action Class:	
				Source Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Geo Ref Meth:		NA			
Incident Summary:		Contaminated Site - Potential Off-Site Impacts			
Contaminant Qty:					

<u>53</u>	1 of 1	S/178.7	67.8 / 4.12	OTTAWA ON	WWIS
Well ID:	7300860			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/5/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z206459			Owner:	
Tag:	A182639			Street Name:	255 RICHMOND RD
Construction Method:				County:	OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006858108			Elevation:	65.746757
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441250
Code OB Desc:				North83:	5026977
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/16/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007050405				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:	17				
Other Materials:	SHALE				
Mat3:	74				
Other Materials:	LAYERED				
Formation Top Depth:	2.13				
Formation End Depth:	10.36				
Formation End Depth UOM:	m				

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007050404
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 0
Formation End Depth: 2.13
Formation End Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1007050414
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1007050415
Layer: 2
Plug From: 0.31
Plug To: 7.01
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1007050416
Layer: 3
Plug From: 7.01
Plug To: 10.36
Plug Depth UOM: m

**Method of Construction & Well
Use**

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1007050403
Casing No: 0
Comment:
Alt Name:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		1007050409			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.31			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007050410			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.31			
Screen End Depth:		10.36			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Hole Diameter</u>					
Hole ID:		1007050406			
Diameter:		11.43			
Depth From:		0			
Depth To:		3.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007050407			
Diameter:		7.62			
Depth From:		3.1			
Depth To:		10.36			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

[54](#) 1 of 1 WSW/215.3 64.8 / 1.08 OTTAWA ON [WWIS](#)

Well ID: 7170722
 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: Z134395
 Tag: A123765
 Construction Method:
 Elevation (m):
 Elevation Reliability:
 Depth to Bedrock:
 Well Depth:
 Overburden/Bedrock:
 Pump Rate:
 Static Water Level:

Data Entry Status:
 Data Src:
 Date Received: 11/1/2011
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 7241
 Form Version: 7
 Owner:
 Street Name: 2046 SCOTT ST.
 County: OTTAWA-CARLETON
 Municipality: OTTAWA CITY
 Site Info:
 Lot:
 Concession:
 Concession Name:
 Easting NAD83:
 Northing NAD83:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N): Flow Rate: Clear/Cloudy:				Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1003593232 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 10/11/2011 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 61.193443 Elevrc: Zone: 18 East83: 441000 North83: 5027155 Org CS: UTM83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1003976569 Layer: 1 Color: 8 General Color: BLACK Mat1: 11 Most Common Material: GRAVEL Mat2: Other Materials: Mat3: 77 Other Materials: LOOSE Formation Top Depth: 0 Formation End Depth: 0.31 Formation End Depth UOM: m					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1003976570 Layer: 2 Color: 6 General Color: BROWN Mat1: 28 Most Common Material: SAND Mat2: 12 Other Materials: STONES Mat3: 85 Other Materials: SOFT Formation Top Depth: 0.31 Formation End Depth: 2.13 Formation End Depth UOM: m					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1003976571 Layer: 3 Color: 2					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		2.13			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003976572			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		3.1			
Formation End Depth:		6.7			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003976581			
Layer:		1			
Plug From:					
Plug To:					
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003980163			
Layer:		2			
Plug From:		0.31			
Plug To:		3.66			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003980164			
Layer:		3			
Plug From:		3.66			
Plug To:		6.69			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003976582			
Layer:		1			
Plug From:		0			
Plug To:		0.31			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1003976568			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003976576			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.66			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003976577			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.66			
Screen End Depth:		6.7			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Hole Diameter</u>					
Hole ID:		1003976574			
Diameter:		7.62			
Depth From:		3.1			
Depth To:		6.7			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1003976573			
Diameter:		11.43			
Depth From:		0			
Depth To:		3.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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55	1 of 1	S/178.1	67.8 / 4.08	OTTAWA ON	WWIS
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Well ID: 7300859
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z206458
Tag: A182638
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 12/5/2017
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 255 RICHMOND RD
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1006858105
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/16/2017
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 66.196189
Elevrc:
Zone: 18
East83: 441269
North83: 5026976
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1007050391
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 17
Other Materials: SHALE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 2.44
Formation End Depth: 10.06
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1007050390

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		2.44			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050401			
Layer:		2			
Plug From:		0.31			
Plug To:		6.71			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050402			
Layer:		3			
Plug From:		6.71			
Plug To:		10.06			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050400			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007050389			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007050395			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:		0 7.01 4.03 cm m			
<u>Construction Record - Screen</u>					
Screen ID: Layer: Slot: Screen Top Depth: Screen End Depth: Screen Material: Screen Depth UOM: Screen Diameter UOM: Screen Diameter:		1007050396 1 10 7.01 10.06 5 m cm 4.82			
<u>Hole Diameter</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:		1007050392 11.43 0 3.1 m cm			
<u>Hole Diameter</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:		1007050393 7.62 3.1 10.06 m cm			
56	1 of 2	SE/175.7	66.8 / 3.05	222 Richmond Road Ottawa ON K1Z 6W6	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:		0455-9X4RW5 NA 5/3/2015 Vandalism 12 GASOLINE Land N 6/2/2015 6/4/2015 Deliberate Act Vehicle collision with LCBO<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:		
				222 Richmond Road K1Z 6W6 Ottawa Land Spills	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Summary:		LCBO: gasoline to CB - Duplicate See IR 2402-9X2CZ2			
Contaminant Qty:		1 other - see incident description			

<u>56</u>	2 of 2	SE/175.7	66.8 / 3.05	222 Richmond Rd. Ottawa ON	SPL
Ref No:	2402-9X2CZ2			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	5/31/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Vandalism			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	MOTOR OIL			Site Address:	222 Richmond Rd.
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:	Land			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	N			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	5/31/2015			Site Map Datum:	
Dt Document Closed:	6/4/2015			SAC Action Class:	Land Spills
Incident Reason:	Deliberate Act			Source Type:	
Site Name:	Private parking lot and cb<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Unknown SUV: motor oil to cb, vandalism				
Contaminant Qty:	5 L				

<u>57</u>	1 of 1	S/182.8	67.8 / 4.08	Ottawa ON	WWIS
Well ID:	7115803			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	11/24/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	1844
Casing Material:				Form Version:	5
Audit No:	M02900			Owner:	
Tag:	A074567			Street Name:	255 RICHMOND ROAD
Construction Method:				County:	OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1001905250			Elevation:	66.00447
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:				East83:	441257
Code OB Desc:				North83:	5026972
Open Hole:	N			Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	10/17/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1002783022
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 01
 Most Common Material: FILL
 Mat2: 13
 Other Materials: BOULDERS
 Mat3:
 Other Materials:
 Formation Top Depth: 2.3
 Formation End Depth: 4.5
 Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1002783023
 Layer: 3
 Color: 2
 General Color: GREY
 Mat1: 26
 Most Common Material: ROCK
 Mat2: 15
 Other Materials: LIMESTONE
 Mat3:
 Other Materials:
 Formation Top Depth: 4.5
 Formation End Depth: 7.5
 Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1002783021
 Layer: 1
 Color: 6
 General Color: BROWN
 Mat1: 01
 Most Common Material: FILL
 Mat2: 28
 Other Materials: SAND
 Mat3: 11
 Other Materials: GRAVEL
 Formation Top Depth: 0
 Formation End Depth: 2.3
 Formation End Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1002783027
Layer: 2
Plug From: 4.8
Plug To: 5
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1002783026
Layer: 1
Plug From: 0
Plug To: 0.3
Plug Depth UOM: m

**Method of Construction & Well
Use**

Method Construction ID:
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction: HSA

Pipe Information

Pipe ID: 1002783019
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1002783028
Layer: 1
Slot: 10
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 5.8

Results of Well Yield Testing

Pump Test ID: 1002783020
Pump Set At:
Static Level: 6.7
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002783024
Diameter: 20
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1002783025
Diameter: 10
Depth From: 4.57
Depth To: 7.5
Hole Depth UOM: m
Hole Diameter UOM: cm

58	1 of 3	SSE/180.0	67.8 / 4.08	OTTAWA CITY RICHMOND RD./TWEEDSMUIR AVE. OTTAWA CITY ON	CA
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Certificate #: 3-0933-93-
Application Year: 93
Issue Date: 8/19/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

58	2 of 3	SSE/180.0	67.8 / 4.08	City of Ottawa corner of Tweedsmuir Ave & Richmond Road Ottawa ON	SPL
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Ref No: 0522-9KYLRE
Site No: NA
Incident Dt: 2014/06/11
Year:
Incident Cause: Unknown / N/A
Incident Event:
Contaminant Code: 15
Contaminant Name: OIL/GREASE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 2014/06/11

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Unknown / N/A
Agency Involved:
Nearest Watercourse:
Site Address: corner of Tweedsmuir Ave & Richmond 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:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Dt Document Closed: 2014/10/22				SAC Action Class: Land Spills	
Incident Reason: Unknown / N/A				Source Type:	
Site Name: CB<UNOFFICIAL>					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary: City of Ottawa: Oil dumped to CB, cleaning					
Contaminant Qty: 0 other - see incident description					

58	3 of 3	SSE/180.0	67.8 / 4.08	City of Ottawa Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	GEN
Generator No: ON6345262				PO Box No:	
Status: Registered				Country: Canada	
Approval Years: As of Oct 2019				Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class: 221 L					
Waste Class Desc: Light fuels					

59	1 of 1	S/184.5	67.8 / 4.08	Ottawa ON	WWIS
Well ID: 7295741				Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use: Test Hole				Date Received: 9/29/2017	
Sec. Water Use:				Selected Flag: Yes	
Final Well Status: Monitoring and Test Hole				Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No: Z206434				Owner:	
Tag: A182735				Street Name: 255 RICHMOND ROAD	
Construction Method:				County: OTTAWA-CARLETON	
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:					
Bore Hole Information					
Bore Hole ID: 1006738407				Elevation: 66.124946	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 18	
Code OB:				East83: 441261	
Code OB Desc:				North83: 5026970	
Open Hole:				Org CS: UTM83	
Cluster Kind:				UTMRC: 4	
Date Completed: 8/4/2017				UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: wwr	
Elevrc Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Location Source Date:
 Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006884192
 Layer: 4
 Color: 2
 General Color: GREY
 Mat1: 15
 Most Common Material: LIMESTONE
 Mat2:
 Other Materials:
 Mat3: 74
 Other Materials: LAYERED
 Formation Top Depth: 4.57
 Formation End Depth: 7.62
 Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006884191
 Layer: 3
 Color: 8
 General Color: BLACK
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 06
 Other Materials: SILT
 Mat3: 85
 Other Materials: SOFT
 Formation Top Depth: 3.35
 Formation End Depth: 4.57
 Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006884190
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 28
 Most Common Material: SAND
 Mat2: 12
 Other Materials: STONES
 Mat3:
 Other Materials:
 Formation Top Depth: 0.31
 Formation End Depth: 3.35
 Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006884189
 Layer: 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		8			
General Color:		BLACK			
Mat1:					
Most Common Material:					
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		0			
Formation End Depth:		0.31			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006884202			
Layer:		3			
Plug From:		5.18			
Plug To:		7.62			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006884200			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006884201			
Layer:		2			
Plug From:		0.31			
Plug To:		5.18			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006884188			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006884196			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		5.49			
Casing Diameter:		5.2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006884197			
Layer:		1			
Slot:		10			
Screen Top Depth:		5.49			
Screen End Depth:		7.62			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.03			
<u>Hole Diameter</u>					
Hole ID:		1006884193			
Diameter:		11.43			
Depth From:		0			
Depth To:		4.57			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1006884194			
Diameter:		7.62			
Depth From:		4.57			
Depth To:		7.62			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

60	1 of 2	S/189.9	67.9 / 4.14	ULTRAMAR 261 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6X1	SPL
Ref No:		138508		Discharger Report:	
Site No:				Material Group:	
Incident Dt:		3/21/1997		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:		CONFIRMED		Site Municipality: 20101	
Nature of Impact:		Human health		Site Lot:	
Receiving Medium:		AIR		Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:		3/21/1997		Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:		ERROR		Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Summary:		ULTRAMAR: 45 L FUEL TO BASEMENT; FUMES AFFECTED NEIGHBOURS			
Contaminant Qty:					
60	2 of 2	S/189.9	67.9 / 4.14	Rose Drapery Ltd. 261 Richmond Rd Ottawa ON K1Z 6X1	SCT
Established:		1978			
Plant Size (ft²):		6			
Employment:					
--Details--					
Description:		Curtain and Linen Mills			
SIC/NAICS Code:		314120			
61	1 of 1	S/190.0	67.9 / 4.14	Enbridge Gas Distribution Inc. 263 Richmond Rd Ottawa ON	SPL
Ref No:		0813-B88MWN		Discharger Report:	
Site No:		NA		Material Group:	
Incident Dt:		2019/01/08		Health/Env Conseq: 2 - Minor Environment	
Year:				Client Type: Corporation	
Incident Cause:				Sector Type: Other	
Incident Event:		Leak/Break		Agency Involved:	
Contaminant Code:		35		Nearest Watercourse:	
Contaminant Name:		NATURAL GAS (METHANE)		Site Address: 263 Richmond Rd	
Contaminant Limit 1:				Site District Office: Ottawa	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:		1075		Site Region: Eastern	
Environment Impact:				Site Municipality: Ottawa	
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:		Air		Northing:	
MOE Response:		No		Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:		2019/01/08		Site Map Datum:	
Dt Document Closed:				SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components	
Incident Reason:		Operator/Human Error		Source Type:	
Site Name:		Enbridge: 1" steel gasline<UNOFFICIAL>			
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		TSSA/Enbridge: 1" steel gasline damaged by snowplow			
Contaminant Qty:		0 other - see incident description			
62	1 of 1	WSW/224.7	64.8 / 1.05	2050 Scott Street Ottawa ON K1Z 6T1	EHS
Order No:		20181107030		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		12-NOV-18		Search Radius (km): .25	
Date Received:		07-NOV-18		X: -75.75381	
Previous Site Name:				Y: 45.39524	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
63	1 of 1	E/205.4	64.8 / 1.09	175 Richmond Road Ottawa ON K1Z 6W4	EHS
Order No: 20191022094 Status: C Report Type: Standard Report Report Date: 25-OCT-19 Date Received: 22-OCT-19 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.747351 Y: 45.39579			
64	1 of 1	E/206.4	64.8 / 1.09	Guillevin International Co. 175 Richmond Rd Ottawa ON K1Z 6W3	SCT
Established: Plant Size (ft²): Employment:		01-AUG-09			
--Details--					
Description:		Industrial Machinery, Equipment and Supplies Wholesaler-Distributors			
SIC/NAICS Code:		417230			
Description:		Electrical Wiring and Construction Supplies Wholesaler-Distributors			
SIC/NAICS Code:		416110			
Description:		Professional Machinery, Equipment and Supplies Wholesaler-Distributors			
SIC/NAICS Code:		417930			
Description:		Electrical Wiring and Construction Supplies Wholesaler-Distributors			
SIC/NAICS Code:		416110			
65	1 of 3	S/197.8	67.9 / 4.14	LAMBLE PHOTO-LAB SERVICES 24-946 371 ATHLONE AVE. OTTAWA ON K1Z 5M3	GEN
Generator No: ON1597100 Status: Approval Years: 92,93,94,95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 6571 SIC Description: CAMERA/PHOTO. SUPPLY		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
Detail(s)					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
65	2 of 3	S/197.8	67.9 / 4.14	Rose Drapery Ltd. 371 Athlone Ave Ottawa ON K1Z 5M3	SCT
Established: Plant Size (ft²): Employment:		1978 6			
--Details--					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		Curtain and Linen Mills			
SIC/NAICS Code:		314120			
65	3 of 3	S/197.8	67.9 / 4.14	Rose Draperies Ltd. 371 Athlone Ave Ottawa ON K1Z 5M3	SCT
Established:		01-JUN-78			
Plant Size (ft²):		2500			
Employment:					
--Details--					
Description:		Curtain and Linen Mills			
SIC/NAICS Code:		314120			
66	1 of 1	S/195.0	67.8 / 4.12	MOTOR VEHICLE 259 RICHMOND RD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 6X1	SPL
Ref No:		65543		Discharger Report:	
Site No:				Material Group:	
Incident Dt:		12/25/1991		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:		Surface Water Pollution		Site Lot:	
Receiving Medium:		LAND / WATER		Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting: OTTAWA PUC	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:		12/25/1991		Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:		DAMAGE BY MOVING EQUIPMENT		Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		MOTOR VEHICLE ACCIDENT: GASOLINE LEAK TO CATCHBASIN			
Contaminant Qty:					
67	1 of 1	S/196.5	67.8 / 4.12	OTTAWA ON	WWIS
Well ID:		7300861		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Test Hole		Date Received: 12/5/2017	
Sec. Water Use:		Monitoring		Selected Flag: Yes	
Final Well Status:		Observation Wells		Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No:		Z206460		Owner:	
Tag:		A182631		Street Name: 255 RICHMOND RD	
Construction Method:				County: OTTAWA-CARLETON	
Elevation (m):				Municipality: OTTAWA CITY	

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

Bore Hole Information

Bore Hole ID: 1006858111
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/16/2017
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 66.081222
Elevrc:
Zone: 18
East83: 441243
North83: 5026960
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock
Materials Interval

Formation ID: 1007050418
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 0
Formation End Depth: 3.35
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1007050419
Layer: 2
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 05
Other Materials: CLAY
Mat3: 66
Other Materials: DENSE
Formation Top Depth: 3.35
Formation End Depth: 7.62
Formation End Depth UOM: m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050427			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050428			
Layer:		2			
Plug From:		0.31			
Plug To:		4.27			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050429			
Layer:		3			
Plug From:		4.27			
Plug To:		7.62			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		5			
Method Construction Code:		Air Percussion			
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007050417			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007050422			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4.57			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007050423			
Layer:		1			
Slot:		10			
Screen Top Depth:		4.57			
Screen End Depth:		7.62			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
Hole Diameter					
Hole ID:		1007050420			
Diameter:		8.25			
Depth From:		0			
Depth To:		7.62			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

<u>68</u>	1 of 1	NNW/213.5	60.9 / -2.83	OTTAWA ON	WWIS
Well ID:	7240886			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	5/5/2015
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z198253			Owner:	
Tag:	A173740			Street Name:	205 LANARK AVE.
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
Bore Hole Information					
Bore Hole ID:	1005337688			Elevation:	61.533088
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441131
Code OB Desc:				North83:	5027480
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	4/17/2015			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:	1005603424				
Layer:	1				
Color:	6				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		12			
Other Materials:		STONES			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		1.32			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005603425			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		74			
Other Materials:		LAYERED			
Mat3:					
Other Materials:					
Formation Top Depth:		1.32			
Formation End Depth:		12.19			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005603436			
Layer:		3			
Plug From:		8.84			
Plug To:		12.19			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005603434			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005603435			
Layer:		2			
Plug From:		0.31			
Plug To:		8.84			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					

Pipe Information

Pipe ID: 1005603423
 Casing No: 0
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 1005603429
 Layer: 1
 Material: 5
 Open Hole or Material: PLASTIC
 Depth From: 0
 Depth To: 9.14
 Casing Diameter: 4.03
 Casing Diameter UOM: cm
 Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005603430
 Layer: 1
 Slot: 10
 Screen Top Depth: 9.14
 Screen End Depth: 12.19
 Screen Material: 5
 Screen Depth UOM: m
 Screen Diameter UOM: cm
 Screen Diameter: 4.82

Hole Diameter

Hole ID: 1005603426
 Diameter: 11.43
 Depth From: 0
 Depth To: 1.83
 Hole Depth UOM: m
 Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1005603427
 Diameter: 7.62
 Depth From: 1.83
 Depth To: 12.19
 Hole Depth UOM: m
 Hole Diameter UOM: cm

69	1 of 1	S/206.0	67.9 / 4.14	Ottawa ON	WWIS
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Well ID: 7136557
 Construction Date:
 Primary Water Use: Monitoring
 Sec. Water Use:
 Final Well Status: Observation Wells
 Water Type:
 Casing Material:
 Audit No: Z106621

Data Entry Status:
 Data Src:
 Date Received: 12/21/2009
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 7241
 Form Version: 7
 Owner:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:	A085405			Street Name:	TWEEDSMUIR NORTH OF RICHMOND RD.
Construction Method:				County:	OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1002903274			Elevation:	65.916038
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441229
Code OB Desc:				North83:	5026953
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11/5/2009			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1003093741				
Layer:	2				
Plug From:	0.5				
Plug To:	12				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1003093740				
Layer:	1				
Plug From:	0				
Plug To:	0.5				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1003093742				
Layer:	3				
Plug From:	12				
Plug To:	23				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code: 5 Method Construction: Air Percussion Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 1003093737 Casing No: 0 Comment: Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 1003093744 Layer: 1 Material: 5 Open Hole or Material: PLASTIC Depth From: 0 Depth To: 13 Casing Diameter: 1.25 Casing Diameter UOM: inch Casing Depth UOM: ft					
<u>Construction Record - Screen</u>					
Screen ID: 1003093745 Layer: 1 Slot: 10 Screen Top Depth: 13 Screen End Depth: 23 Screen Material: 5 Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter: 1.5					
<u>Hole Diameter</u>					
Hole ID: 1003093739 Diameter: 3.25 Depth From: 0 Depth To: 23 Hole Depth UOM: ft Hole Diameter UOM: inch					
70	1 of 5	E/223.3	64.9 / 1.18	ALBERT & SON ENGRAVERS 350A KIRKWOOD AVE OTTAWA ON K1Z 8P1	SCT
Established: 1995 Plant Size (ft²): 1200 Employment: 2					
--Details--					
Description: Coating, Engraving, Heat Treating and Allied Activities SIC/NAICS Code: 332810					
70	2 of 5	E/223.3	64.9 / 1.18	Albert & Son Engravers 350 Kirkwood Ave Unit A Ottawa ON K1Z 8P1	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Established:		1995			
Plant Size (ft²):		1200			
Employment:		2			
70	3 of 5	E/223.3	64.9 / 1.18	ALBERT & SON ENGRAVERS 350A KIRKWOOD AVENUE OTTAWA ON K1Z 8Y1	GEN
Generator No:	ON2135901			PO Box No:	
Status:				Country:	
Approval Years:	97,98,99,00,01,02,03,04			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2821				
SIC Description:	PLATEMAKING, ETC.				
Detail(s)					
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	211				
Waste Class Desc:	AROMATIC SOLVENTS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
70	4 of 5	E/223.3	64.9 / 1.18	Paper Sign Man 350 Kirkwood Ave Ottawa ON K1Z 8P1	SCT
Established:	8/1/1996				
Plant Size (ft²):					
Employment:					
--Details--					
Description:	Sign Manufacturing				
SIC/NAICS Code:	339950				
70	5 of 5	E/223.3	64.9 / 1.18	Signs in 23 hours.com 350 Kirkwood Ave Ottawa ON K1Z 8P1	SCT
Established:	9/1/1987				
Plant Size (ft²):					
Employment:					
--Details--					
Description:	Sign Manufacturing				
SIC/NAICS Code:	339950				
Description:	Coating, Engraving, Heat Treating and Allied Activities				
SIC/NAICS Code:	332810				
Description:	Sign Manufacturing				
SIC/NAICS Code:	339950				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
71	1 of 1	E/223.9	64.9 / 1.18	ON	WWIS
Well ID: 7224472 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: C22336 Tag: A147202 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Yes Data Src: Date Received: 7/24/2014 Selected Flag: Yes Abandonment Rec: Contractor: 6964 Form Version: 8 Owner: Street Name: County: OTTAWA-CARLETON Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
Bore Hole Information					
Bore Hole ID: 1004963021 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 1/24/2014 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 64.333427 Elevrc: Zone: 18 East83: 441521 North83: 5027205 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr			
72	1 of 18	SSE/198.8	67.8 / 4.11	PETRO-CANADA 236 RICHMOND ROAD SERVICE STATION OTTAWA CITY ON K1Z 6W6	SPL
Ref No: 99874 Site No: Incident Dt: 5/14/1994 Year: Incident Cause: CONTAINER OVERFLOW Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: CONFIRMED Nature of Impact: Soil contamination Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn:		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: 20101 Site Lot: Site Conc: Northing: Easting: OTTAWA POLICE, WORKS DEPT. Site Geo Ref Accu:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MOE Reported Dt: 5/14/1994 Dt Document Closed: Incident Reason: ERROR Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: PETRO-CANADA: WASTE OIL OVERFLOWED FROM TANK ON- TO STREETS. CLEANED UP. Contaminant Qty:				Site Map Datum: SAC Action Class: Source Type:	
72	2 of 18	SSE/198.8	67.8 / 4.11	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	PRT
Location ID: 11057 Type: retail Expiry Date: 1995-06-30 Capacity (L): 0 Licence #: 0021760001					
72	3 of 18	SSE/198.8	67.8 / 4.11	NICK'S SERVICE CENTRE 236 RICHMOND RD OTTAWA ON K1Z6W6	RST
Headcode: 1186800 Headcode Desc: Service Stations-Gasoline, Oil & Natural Gas Phone: 6137291122 List Name: Description:					
72	4 of 18	SSE/198.8	67.8 / 4.11	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	EXP
Instance No: 9545808 Instance ID: Instance Type: FS Facility Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 6/2/2001					
72	5 of 18	SSE/198.8	67.8 / 4.11	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	EXP
Instance No: 11342118 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 6/2/2001					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
72	6 of 18	SSE/198.8	67.8 / 4.11	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	EXP
Instance No:		11342159			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		6/2/2001			
72	7 of 18	SSE/198.8	67.8 / 4.11	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	EXP
Instance No:		11342096			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		6/2/2001			
72	8 of 18	SSE/198.8	67.8 / 4.11	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	EXP
Instance No:		11342137			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		6/2/2001			
72	9 of 18	SSE/198.8	67.8 / 4.11	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON	EXP
Instance No:		11342180			
Instance ID:		79662			
Instance Type:		FS Piping			
Description:		FS Piping			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
72	10 of 18	SSE/198.8	67.8 / 4.11	BELWINDY ENT LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	FST

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Instance No: 11464568 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline Status: Active Capacity: 35000 Tank Material: Steel Corrosion Protection: Coating Tank Type: Single Wall Horizontal AST Install Year: 1996 Parent Facility Type: FS Gasoline Station - Split Serve Facility Type: FS Liquid Fuel Tank</p>					
72	11 of 18	SSE/198.8	67.8 / 4.11	BELWINDY ENT LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	FST
<p>Instance No: 11464549 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline Status: Active Capacity: 35000 Tank Material: Steel Corrosion Protection: Coating Tank Type: Single Wall Horizontal AST Install Year: 1996 Parent Facility Type: FS Gasoline Station - Split Serve Facility Type: FS Liquid Fuel Tank</p>					
72	12 of 18	SSE/198.8	67.8 / 4.11	BELWINDY ENT LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	FST
<p>Instance No: 11464589 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline Status: Active Capacity: 25000 Tank Material: Steel Corrosion Protection: Coating Tank Type: Single Wall Horizontal AST Install Year: 1996 Parent Facility Type: FS Gasoline Station - Split Serve Facility Type: FS Liquid Fuel Tank</p>					
72	13 of 18	SSE/198.8	67.8 / 4.11	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	EXP
<p>Instance No: 11342118 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 6/2/2001</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
72	14 of 18	SSE/198.8	67.8 / 4.11	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11342159 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 6/2/2001			
72	15 of 18	SSE/198.8	67.8 / 4.11	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11342096 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 6/2/2001			
72	16 of 18	SSE/198.8	67.8 / 4.11	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11342137 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 6/2/2001			
72	17 of 18	SSE/198.8	67.8 / 4.11	236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	RSC
RSC ID: RA No: RSC Type: Curr Property Use: Ministry District: Filing Date: Date Ack: Date Returned: Restoration Type: Soil Type: Criteria: CPU Issued Sect 1686:		223185 Phase 1 and 2 RSC Commercial Ottawa District Office 2017/04/27		Cert Date: Cert Prop Use No: Intended Prop Use: Qual Person Name: Stratified (Y/N): Audit (Y/N): Entire Leg Prop. (Y/N): Accuracy Estimate: Telephone: Fax: Email:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Asmt Roll No: Prop ID No (PIN): Property Municipal Address: Mailing Address: Latitude & Longitude: UTM Coordinates: Consultant: Filing Owner: Legal Desc: Measurement Method: Applicable Standards: RSC PDF:		061408440101400000 04021-0169 (LT) 236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 TWEDSMUIR AND MAIN URBAN PROPERTIES INC. https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77806&fileName=BROWNFIELDS-E.pdf			
<u>Document(s) Detail</u>					
Document Heading:		Supporting Documents			
Document Name:		Phase Two.pdf			
Document Type:		Phase 2 Conceptual Site Model			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=80018&fileName=PhaseTwo.pdf			
Document Heading:		Supporting Documents			
Document Name:		Transfer.pdf			
Document Type:		Copy of any deed(s), transfer(s) or other document(s)			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77812&fileName=Transfer.pdf			
Document Heading:		Supporting Documents			
Document Name:		Plan of survey.pdf			
Document Type:		A Current plan of Survey			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77808&fileName=Plan+of+survey.pdf			
Document Heading:		Supporting Documents			
Document Name:		Past and Current Use.pdf			
Document Type:		Table of Current and Past Property Use			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77816&fileName=Past+and+Current+Use.pdf			
Document Heading:		Supporting Documents			
Document Name:		Table of APECS.pdf			
Document Type:		Area(s) of Potential Environmental Concern			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77815&fileName=Table+of+APECS.pdf			
Document Heading:		Supporting Documents			
Document Name:		Cert of Status.pdf			
Document Type:		Certificate of Status			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77813&fileName=Cert+of+Status.pdf			
Document Heading:		Supporting Documents			
Document Name:		Lawyer letter.pdf			
Document Type:		Lawyer's letter consisting of a legal description of the property			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77814&fileName=Lawyer+letter.pdf			

72	18 of 18	SSE/198.8	67.8 / 4.11	Tweedsmuir and Main Urban Properties Inc. 236 RICHMOND ROAD OTTAWA ON K1Z 6W6	GEN
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Generator No:	ON3753609	PO Box No:	
Status:		Country:	Canada
Approval Years:	2015	Choice of Contact:	CO_OFFICIAL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	No No 447110 447110			Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	252 WASTE OILS & LUBRICANTS				
Waste Class: Waste Class Desc:	221 LIGHT FUELS				
<u>73</u>	1 of 1	SSE/198.8	67.8 / 4.11	236 Richmond Rd Ottawa ON K1Z6W6	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:	20171218059 C Standard Report 21-DEC-17 18-DEC-17 Fire Insur. Maps and/or Site Plans			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.749577 45.393722
<u>74</u>	1 of 1	SSE/203.9	67.8 / 4.09	ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	7136559 Monitoring 0 Z106623 A092413			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/21/2009 Yes 7241 7 TWEEDSMUIR R NORTH OF RICHMOND RD. OTTAWA-CARLETON OTTAWA CITY
<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:	1002903280 11/5/2009			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	68.496704 18 441308 5026953 UTM83 4 margin of error : 30 m - 100 m wwr

Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 1003094018
 Layer: 2
 Plug From: 0.5
 Plug To: 11
 Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003094017
 Layer: 1
 Plug From: 0
 Plug To: 0.5
 Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003094019
 Layer: 3
 Plug From: 11
 Plug To: 22
 Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
 Method Construction Code: 5
 Method Construction: Air Percussion
 Other Method Construction:

Pipe Information

Pipe ID: 1003094014
 Casing No: 0
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 1003094021
 Layer: 1
 Material: 5
 Open Hole or Material: PLASTIC
 Depth From: 0
 Depth To: 12
 Casing Diameter: 1.25
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Screen

<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>
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Screen ID: 1003094022
Layer: 1
Slot: 10
Screen Top Depth: 12
Screen End Depth: 22
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Hole Diameter

Hole ID: 1003094016
Diameter: 3.25
Depth From: 0
Depth To: 22
Hole Depth UOM: ft
Hole Diameter UOM: inch

<u>75</u>	1 of 2	S/219.4	67.9 / 4.14	267 Richmond Rd OTTAWA ON	HINC
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External File Num: FS INC 0611-03751
Fuel Occurrence Type: Fire
Date of Occurrence: 11/4/2006
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Commercial (e.g. restaurant, business unit, etc)
Service Interruptions: Yes
Property Damage: Yes
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:Yes Procedures:Yes Maintenance:Yes Design:No Training:
 No Management:No Human Factors:No

Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Member of the General Public
County Name: Prescott and Russell
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

<u>75</u>	2 of 2	S/219.4	67.9 / 4.14	850676 ontario Limited 267 Richmond Rd. Ottawa ON K1Z 6X3	GEN
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Generator No: ON6611485
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 238160, 238170
SIC Description: ROOFING CONTRACTORS, SIDING CONTRACTORS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Floyd W Cunning
Phone No Admin: 613-724-6116 Ext.

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
76	1 of 1	E/227.6	64.7 / 1.00	Brebner Manufacturing & Repairs Inc. 360 Kirkwood Ave Ottawa ON K1Z 8P1	SCT
Established: Plant Size (ft²): Employment: 2					
--Details-- Description: Textile Bag and Canvas Mills SIC/NAICS Code: 314910					
77	1 of 1	SSE/210.8	67.8 / 4.09	Ottawa ON	WWIS
Well ID: 7136558 Construction Date: Primary Water Use: Monitoring Sec. Water Use: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z106622 Tag: A092322 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: Date Received: 12/21/2009 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: TWEEDSMURI NORTH OF RICHMOND RD. County: OTTAWA-CARLETON Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u> Bore Hole ID: 1002903277 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 11/5/2009 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
Elevation: 68.099342 Elevrc: Zone: 18 East83: 441301 North83: 5026945 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr					
<u>Annular Space/Abandonment Sealing Record</u> Plug ID: 1003094007 Layer: 3 Plug From: 9					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		20			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003094005			
Layer:		1			
Plug From:		0			
Plug To:		0.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003094006			
Layer:		2			
Plug From:		0.5			
Plug To:		9			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003094002			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003094009			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		10			
Casing Diameter:		1.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003094010			
Layer:		1			
Slot:		10			
Screen Top Depth:		10			
Screen End Depth:		20			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1003094004			
Diameter:		3.25			
Depth From:		0			
Depth To:		20			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

<u>78</u>	1 of 1	SSE/214.5	67.8 / 4.07	ON	BORE
Borehole ID:	613016			Inclin FLG:	No
OGF ID:	215514321			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUL-1958			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.393583
Total Depth m:	35.1			Longitude DD:	-75.74954
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	441331
Drill Method:				Northing:	5026947
Orig Ground Elev m:	68.6			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	68.8				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218393376			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	6.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
Geology Stratum ID:	218393377			Mat Consistency:	Compact
Top Depth:	6.1			Material Moisture:	
Bottom Depth:	35.1			Material Texture:	Fine
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. GREY. 00110SPECIFIED. SAND. BROWN,COMPACT. SAND-FINE. COMPACT. COMPACT. BEDR				
	**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 Ident:	1
Source Date:	1956-1972	Scale or Res:	Varies

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OTTAWA2.txt RecordID: 05524 NTS_Sheet:			
Confiden 1:					
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				

79	1 of 1	SSE/214.7	67.8 / 4.07	ON	WWIS
Well ID:	1508932			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	8/5/1958
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3601
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
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:					

Bore Hole Information

Bore Hole ID:	10030966	Elevation:	68.79354
DP2BR:	20	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	441330.7
Code OB Desc:	Bedrock	North83:	5026947
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/24/1958	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:			

Overburden and Bedrock

Materials Interval

Formation ID:	931010989
Layer:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931010990			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		20			
Formation End Depth:		115			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579536			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930054562			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		24			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930054563			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Depth From:
Depth To: 115
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508932
Pump Set At:
Static Level: 35
Final Level After Pumping: 60
Recommended Pump Depth:
Pumping Rate: 17
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933463642
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 110
Water Found Depth UOM: ft

[80](#) 1 of 1 **WSW/261.9** 65.0 / 1.22 **2060 Scott Street
Ottawa ON K1Z 6T1** **EHS**

Order No: 20100609029	Nearest Intersection: Southeast intersection of Scott & Winona
Status: C	Municipality:
Report Type: Standard Report	Client Prov/State: ON
Report Date: 6/18/2010	Search Radius (km): 0.25
Date Received: 6/9/2010	X: -75.754281
Previous Site Name:	Y: 45.395188
Lot/Building Size:	
Additional Info Ordered: Fire Insur. Maps and/or Site Plans	

[81](#) 1 of 1 **ESE/229.8** 65.8 / 2.05 **OTTAWA ON** **WWIS**

Well ID: 1536023	Data Entry Status:
Construction Date:	Data Src:
Primary Water Use:	Date Received: 11/24/2005
Sec. Water Use:	Selected Flag: Yes
Final Well Status:	Abandonment Rec: Yes
Water Type:	Contractor: 6574
Casing Material:	Form Version: 3
Audit No: Z28743	Owner:
Tag:	Street Name: 145 RICHMOND ROAD
Construction Method:	County: OTTAWA-CARLETON
Elevation (m):	Municipality: OTTAWA CITY
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	11316562			Elevation:	66.297187
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441527
Code OB Desc:	No formation data			North83:	5027132
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11/15/2005			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933281622				
Layer:	3				
Plug From:	0				
Plug To:	1.5				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933281621				
Layer:	1				
Plug From:	2.5				
Plug To:	6.7				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933281620				
Layer:	2				
Plug From:	1.5				
Plug To:	2.5				
Plug Depth UOM:	m				
<u>Pipe Information</u>					
Pipe ID:	11331417				
Casing No:	1				
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
82	1 of 1	NNE/239.8	60.8 / -2.88	Ottawa ON	WWIS

Well ID: 7265950
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: Z229801
Tag: A190913
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 7/4/2016
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 60 LANARK AVENUE
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1006097541
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 6/9/2016
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 61.046112
Elevrc:
Zone: 18
East83: 441296
North83: 5027526
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006128636
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3: 92
Other Materials: WEATHERED
Formation Top Depth: 1.22
Formation End Depth: 4.88
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006128634

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		0.31			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006128635			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		0.31			
Formation End Depth:		1.22			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006128647			
Layer:		3			
Plug From:		1.68			
Plug To:		4.88			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006128645			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006128646			
Layer:		2			
Plug From:		0.31			
Plug To:		1.62			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1006128633
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006128640
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.83
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006128641
Layer: 1
Slot: 10
Screen Top Depth: 1.83
Screen End Depth: 4.88
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03

Hole Diameter

Hole ID: 1006128637
Diameter: 11.43
Depth From: 0
Depth To: 1.52
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1006128638
Diameter: 7.62
Depth From: 1.52
Depth To: 4.88
Hole Depth UOM: m
Hole Diameter UOM: cm

<u>83</u>	1 of 4	SSW/255.5	66.9 / 3.17	Y'S OWL CO-OPERATIVE INC 290 PICTON AVE OTTAWA ON K1Z 8P8	SCT
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Established: 1981
Plant Size (ft²): 8000
Employment: 17

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Description:		PLASTICS PRODUCTS, N.E.C.			
SIC/NAICS Code:		3089			
83	2 of 4	SSW/255.5	66.9 / 3.17	Orezone Resources Inc. 290 Picton St Suite 201 Ottawa ON K1Z 8P8	SCT
Established:		1987			
Plant Size (ft²):		10			
Employment:					
83	3 of 4	SSW/255.5	66.9 / 3.17	Apption Software Inc. 290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	SCT
Established:		01-NOV-04			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Computer Systems Design and Related Services			
SIC/NAICS Code:		541510			
Description:		Computer Systems Design and Related Services			
SIC/NAICS Code:		541510			
83	4 of 4	SSW/255.5	66.9 / 3.17	Orezone Gold Corporation 290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	SCT
Established:		01-JUL-87			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Other Support Activities for Mining			
SIC/NAICS Code:		213119			
84	1 of 1	W/247.4	62.8 / -0.90	ON	BORE
Borehole ID:		613045		Inclin FLG: No	
OGF ID:		215514350		SP Status: Initial Entry	
Status:		Borehole		Surv Elev: No	
Type:		Borehole		Piezometer: No	
Use:				Primary Name:	
Completion Date:		JUL-1971		Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD: 45.396385	
Total Depth m:		3.9		Longitude DD: -75.75456	
Depth Ref:		Ground Surface		UTM Zone: 18	
Depth Elev:				Easting: 440941	
Drill Method:				Northing: 5027262	
Orig Ground Elev m:		60.7		Location Accuracy:	
Elev Reliabil Note:				Accuracy: Not Applicable	

DEM Ground Elev m: 60.8
 Concession:
 Location D:
 Survey D:
 Comments:

Borehole Geology Stratum

Geology Stratum ID: 218393468
 Top Depth: .6
 Bottom Depth: 3.9
 Material Color: Grey
 Material 1: Bedrock
 Material 2: Limestone
 Material 3: Shale
 Material 4:

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

Gsc Material Description:
 Stratum Description:

BEDROCK. GREY,SOUND,PARTINGS. 00010045PARTINGS. 00000012032 0000003200035018070100 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 218393466
 Top Depth: 0
 Bottom Depth: .3
 Material Color:
 Material 1:
 Material 2: Sand
 Material 3: Gravel
 Material 4:

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

Gsc Material Description:
 Stratum Description:

ARTIFICIAL. DENSE.

Geology Stratum ID: 218393467
 Top Depth: .3
 Bottom Depth: .6
 Material Color: Grey
 Material 1: Silt
 Material 2: Sand
 Material 3: Till
 Material 4:

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

Gsc Material Description:
 Stratum Description:

SILT. GREY.

Source

Source Type: Data Survey
 Source Orig: Geological Survey of Canada
 Source Date: 1956-1972
 Confidence: H

Source Appl: Spatial/Tabular
 Source Iden: 1
 Scale or Res: Varies
 Horizontal: NAD27
 Verticalda: Mean Average Sea Level

Observatio:
 Source Name: Urban Geology Automated Information System (UGAIS)
 Source Details: File: OTTAWA2.txt RecordID: 055530 NTS_Sheet: 31G05F
 Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1
 Source Type: Data Survey
 Source Date: 1956-1972
 Scale or Resolution: Varies

Horizontal Datum: NAD27
 Vertical Datum: Mean Average Sea Level
 Projection Name: Universal Transverse Mercator

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
85	1 of 1	W/249.0	62.8 / -0.89	Ottawa ON	WWIS

Well ID: 7233868
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: Z198244
Tag: A168737
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 12/15/2014
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 320 BLORMFIELD RD
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005260443
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/28/2014
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 61.280773
Elevrc:
Zone: 18
East83: 440940
North83: 5027286
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1005436209
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.91
Formation End Depth: 4.27
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005436208

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0.31			
Formation End Depth:		0.91			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005436207			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		0.31			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005436218			
Layer:		2			
Plug From:		0.31			
Plug To:		1.83			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005436217			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005436219			
Layer:		3			
Plug From:		1.83			
Plug To:		4.27			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		D			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Direct Push			
Other Method Construction:		DIAMOND			
<u>Pipe Information</u>					
Pipe ID:		1005436206			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005436212			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.13			
Casing Diameter:		3.45			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005436213			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.13			
Screen End Depth:		4.27			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21			
<u>Hole Diameter</u>					
Hole ID:		1005436210			
Diameter:		5.6			
Depth From:		0			
Depth To:		4.27			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

86 1 of 20 S/231.3 67.8 / 4.06 **SUNOCO**
256 RICHMOND ROAD TANK TRUCK (CARGO)
OTTAWA CITY ON K1Z 6W9 **SPL**

Ref No: 77610
Site No:
Incident Dt: 10/16/1992
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: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:

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: 20101
Site Lot:
Site Conc:
Northing:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MOE Response: Dt MOE Arvl on Scrn: MOE Reported Dt: 10/16/1992 Dt Document Closed: Incident Reason: ERROR Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: SUNOCO: 5 L GASOLINE SPILLED AT SERVICE STATION Contaminant Qty:					
86	2 of 20	S/231.3	67.8 / 4.06	C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	PRT
Location ID: 19762 Type: retail Expiry Date: 1996-02-28 Capacity (L): 15926 Licence #: 0076355528					
86	3 of 20	S/231.3	67.8 / 4.06	C CORP (ONTARIO) INC. 256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	CA
Certificate #: 3-1388-97-97 Application Year: 97 Issue Date: 9/30/1997 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
86	4 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FSTH
License Issue Date: 8/1/2002 Tank Status: Licensed Tank Status As Of: August 2007 Operation Type: Retail Fuel Outlet Facility Type: Gasoline Station - Self Serve					
--Details-- Status: Active Year of Installation: 1974 Corrosion Protection: Capacity: 22600 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline					
Status: Active Year of Installation: 1974 Corrosion Protection:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Capacity:		22600			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1974			
Corrosion Protection:					
Capacity:		22600			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1974			
Corrosion Protection:					
Capacity:		22600			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
86	5 of 20	S/231.3	67.8 / 4.06	MACS CONVENIENCE STORES INC. 256 RICHMOND RD., OTTAWA ON K1Z 6W9	GEN
Generator No:		ON8452716		PO Box No:	
Status:				Country:	
Approval Years:		06		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		447110			
SIC Description:		Gasoline Stations with Convenience Stores			
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
86	6 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FSTH
License Issue Date:		8/1/2002			
Tank Status:		Licensed			
Tank Status As Of:		December 2008			
Operation Type:		Retail Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
<u>--Details--</u>					
Status:		Active			
Year of Installation:		1974			
Corrosion Protection:					
Capacity:		22600			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1974			
Corrosion Protection:					
Capacity:		22600			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1974			
Corrosion Protection:					
Capacity:		22600			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		1974 22600 Liquid Fuel Single Wall UST - Gasoline			
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1997 50000 Liquid Fuel Double Wall UST - Gasoline			
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1997 25000 Liquid Fuel Double Wall UST - Gasoline			
86	7 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11106196 FS Liquid Fuel Tank EXPIRED 5/21/2009			
86	8 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11106161 FS Liquid Fuel Tank EXPIRED 5/21/2009			
86	9 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11106144 FS Liquid Fuel Tank EXPIRED 5/21/2009			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
86	10 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11106181 FS Liquid Fuel Tank EXPIRED 5/21/2009			
86	11 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		63309344 347030 FS Piping FS Piping EXPIRED 			
86	12 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11106213 69351 FS Piping FS Piping EXPIRED 			
86	13 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FST
Instance No: Cont Name: Instance Type: Fuel Type: Status: Capacity: Tank Material: Corrosion Protection: Tank Type: Install Year: Parent Facility Type: Facility Type:		11515366 FS Liquid Fuel Tank Gasoline Active 25000 Steel Sacrificial anode Double Wall UST 1997 FS Gasoline Station - Self Serve FS Liquid Fuel Tank			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
86	14 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FST
<p>Instance No: 11515358 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline Status: Active Capacity: 50000 Tank Material: Steel Corrosion Protection: Sacrificial anode Tank Type: Double Wall UST Install Year: 1997 Parent Facility Type: FS Gasoline Station - Self Serve Facility Type: FS Liquid Fuel Tank</p>					
86	15 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
<p>Instance No: 11106196 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Self Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/21/2009</p>					
86	16 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
<p>Instance No: 11106161 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Self Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/21/2009</p>					
86	17 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
<p>Instance No: 11106144 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Self Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/21/2009</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
86	18 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
Instance No:		11106181			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:		FS Gasoline Station - Self Serve			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:		FS Liquid Fuel Tank			
Expired Date:		5/21/2009			
86	19 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FST
Instance No:		64732585			
Cont Name:					
Instance Type:		FS Liquid Fuel Tank			
Fuel Type:		Gasoline			
Status:		Active			
Capacity:		75000			
Tank Material:		Fiberglass (FRP)			
Corrosion Protection:		Fiberglass			
Tank Type:		Double Wall UST			
Install Year:		2016			
Parent Facility Type:		FS Gasoline Station - Self Serve			
Facility Type:		FS Liquid Fuel Tank			
86	20 of 20	S/231.3	67.8 / 4.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FST
Instance No:		64732587			
Cont Name:					
Instance Type:		FS Liquid Fuel Tank			
Fuel Type:		Diesel			
Status:		Active			
Capacity:		65000			
Tank Material:		Fiberglass (FRP)			
Corrosion Protection:		Fiberglass			
Tank Type:		Double Wall UST			
Install Year:		2016			
Parent Facility Type:		FS Gasoline Station - Self Serve			
Facility Type:		FS Liquid Fuel Tank			
87	1 of 1	SSW/245.1	68.0 / 4.31	ON	WWIS
Well ID:		7317351			
Construction Date:					
Primary Water Use:					
Sec. Water Use:					
Final Well Status:					
Water Type:					
Casing Material:					
Audit No:		Z286616			
Tag:		A215721			
Construction Method:					
Data Entry Status:		Yes			
Data Src:					
Date Received:		8/20/2018			
Selected Flag:		Yes			
Abandonment Rec:					
Contractor:		7241			
Form Version:		7			
Owner:					
Street Name:		OTTAWA-CARLETON			
County:		OTTAWA-CARLETON			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1007262292 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 5/15/2018 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: Elevrc: Zone: 18 East83: 441184 North83: 5026926 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
88	1 of 1	SSE/229.0	67.8 / 4.09	Enbridge Gas Distribution Inc. 238 Richmond Road Ottawa ON	SPL
Ref No: 5783-9BFKW3 Site No: Incident Dt: 2013/09/11 Year: Incident Cause: Leak/Break Incident Event: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Air Pollution Receiving Medium: Receiving Env: MOE Response: Referral to others Dt MOE Arvl on Scn: MOE Reported Dt: 2013/09/11 Dt Document Closed:				Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Pipeline/Components Agency Involved: Nearest Watercourse: Site Address: 238 Richmond 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: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Source Type:	
Incident Reason: Operator/Human Error Site Name: line damage<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Enbridge: 1" steel service damage, still blowing Contaminant Qty: 1 m³					
89	1 of 1	SSE/233.3	67.8 / 4.09	238 Richmond Rd Ottawa ON K1Z6W6	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No:	20131018004			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	28-OCT-13			Search Radius (km):	.25
Date Received:	18-OCT-13			X:	-75.749364
Previous Site Name:				Y:	45.393444
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				

[90](#) 1 of 1 **NNE/257.3** **59.8 / -3.93** **Ottawa ON** **WWIS**

Well ID:	7265949	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring and Test Hole	Date Received:	7/4/2016
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z229802	Owner:	
Tag:	A190915	Street Name:	160 LANARK AVENUE
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006097538	Elevation:	60.790237
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441323
Code OB Desc:		North83:	5027536
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	6/9/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID:	1006128619
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		0.31			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006128620			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		0.31			
Formation End Depth:		2.13			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006128621			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:		92			
Other Materials:		WEATHERED			
Formation Top Depth:		2.13			
Formation End Depth:		5.79			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128632			
Layer:		3			
Plug From:		2.59			
Plug To:		5.79			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128631			
Layer:		2			
Plug From:		0.31			
Plug To:		2.59			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1006128630			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006128618			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006128625			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.74			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006128626			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.74			
Screen End Depth:		5.79			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Hole Diameter</u>					
Hole ID:		1006128623			
Diameter:		7.62			
Depth From:		3.1			
Depth To:		5.79			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1006128622			
Diameter:		11.43			
Depth From:		0			
Depth To:		3.1			
Hole Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		cm			
91	1 of 1	S/247.6	68.0 / 4.31	270 Richmond Rd Ottawa ON K1Z6X2	EHS
Order No:	20170424040		Nearest Intersection:		
Status:	C		Municipality:		
Report Type:	Standard Report		Client Prov/State: ON		
Report Date:	28-APR-17		Search Radius (km): .25		
Date Received:	24-APR-17		X: -75.750994		
Previous Site Name:			Y: 45.393267		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				
92	1 of 1	ENE/289.8	62.9 / -0.85	ON	WWIS
Well ID:	7179257		Data Entry Status: Yes		
Construction Date:			Data Src:		
Primary Water Use:			Date Received: 1/31/2012		
Sec. Water Use:			Selected Flag: Yes		
Final Well Status:			Abandonment Rec:		
Water Type:			Contractor: 7085		
Casing Material:			Form Version: 8		
Audit No:	C16367		Owner:		
Tag:			Street Name:		
Construction Method:			County: OTTAWA-CARLETON		
Elevation (m):			Municipality: NEPEAN TOWNSHIP		
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot:		
Well Depth:			Concession:		
Overburden/Bedrock:			Concession Name:		
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1003752646		Elevation: 64.489936		
DP2BR:			Elevrc:		
Spatial Status:			Zone: 18		
Code OB:			East83: 441548		
Code OB Desc:			North83: 5027320		
Open Hole:			Org CS: UTM83		
Cluster Kind:			UTMRC: 4		
Date Completed:	11/2/2011		UTMRC Desc: margin of error : 30 m - 100 m		
Remarks:			Location Method: wwr		
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
93	1 of 1	NNE/256.8	59.8 / -3.96	Ottawa ON	WWIS
Well ID:	7290747		Data Entry Status:		
Construction Date:			Data Src:		
Primary Water Use:			Date Received: 7/24/2017		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z256708			Owner:	
Tag:	A190916			Street Name:	160 LANARK AVENUE
Construction Method:				County:	OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006640104			Elevation:	60.902389
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441294
Code OB Desc:				North83:	5027544
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	5/4/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006730627				
Layer:	1				
Plug From:	5.79				
Plug To:	0				
Plug Depth UOM:	m				
<u>Pipe Information</u>					
Pipe ID:	1006730617				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1006730621				
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:	cm				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006730622			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Hole Diameter</u>					
Hole ID:		1006730619			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

[94](#) 1 of 1 SSW/255.9 67.8 / 4.12 ON [WWIS](#)

Well ID:	7317352	Data Entry Status:	Yes
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	8/20/2018
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:		Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z286614	Owner:	
Tag:	A215720	Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
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:			

Bore Hole Information

Bore Hole ID:	1007262295	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441175
Code OB Desc:		North83:	5026918
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/15/2018	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
95	1 of 2	NE/274.2	60.2 / -3.48	In'Flector Control Systems 157 Premier Ave Ottawa ON K1Z 8P7	SCT
<i>Established:</i>		1994			
<i>Plant Size (ft²):</i>		8			
<i>Employment:</i>		8			
<i>--Details--</i>					
<i>Description:</i>		Metal Window and Door Manufacturing			
<i>SIC/NAICS Code:</i>		332321			
95	2 of 2	NE/274.2	60.2 / -3.48	In'Flector Air Quality 157 Premier Ave Ottawa ON K1Z 8P7	SCT
<i>Established:</i>		1994			
<i>Plant Size (ft²):</i>		8			
<i>Employment:</i>		8			
<i>--Details--</i>					
<i>Description:</i>		Metal Window and Door Manufacturing			
<i>SIC/NAICS Code:</i>		332321			
96	1 of 1	NNE/258.2	59.8 / -3.96	Ottawa ON	WWIS
<i>Well ID:</i>		7290746		<i>Data Entry Status:</i>	
<i>Construction Date:</i>				<i>Data Src:</i>	
<i>Primary Water Use:</i>				<i>Date Received:</i> 7/24/2017	
<i>Sec. Water Use:</i>				<i>Selected Flag:</i> Yes	
<i>Final Well Status:</i>		Abandoned-Other		<i>Abandonment Rec:</i> Yes	
<i>Water Type:</i>				<i>Contractor:</i> 1558	
<i>Casing Material:</i>				<i>Form Version:</i> 7	
<i>Audit No:</i>		Z256707		<i>Owner:</i>	
<i>Tag:</i>		A190915		<i>Street Name:</i> 160 LANARK AVENUE	
<i>Construction Method:</i>				<i>County:</i> OTTAWA-CARLETON	
<i>Elevation (m):</i>				<i>Municipality:</i> OTTAWA CITY	
<i>Elevation Reliability:</i>				<i>Site Info:</i>	
<i>Depth to Bedrock:</i>				<i>Lot:</i>	
<i>Well Depth:</i>				<i>Concession:</i>	
<i>Overburden/Bedrock:</i>				<i>Concession Name:</i>	
<i>Pump Rate:</i>				<i>Easting NAD83:</i>	
<i>Static Water Level:</i>				<i>Northing NAD83:</i>	
<i>Flowing (Y/N):</i>				<i>Zone:</i>	
<i>Flow Rate:</i>				<i>UTM Reliability:</i>	
<i>Clear/Cloudy:</i>					
<i><u>Bore Hole Information</u></i>					
<i>Bore Hole ID:</i>		1006640071		<i>Elevation:</i> 60.829273	
<i>DP2BR:</i>				<i>Elevrc:</i>	
<i>Spatial Status:</i>				<i>Zone:</i> 18	
<i>Code OB:</i>				<i>East83:</i> 441300	
<i>Code OB Desc:</i>				<i>North83:</i> 5027544	
<i>Open Hole:</i>				<i>Org CS:</i> UTM83	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind: Date Completed: 5/4/2017 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006730616			
Layer:		1			
Plug From:		5.79			
Plug To:		0			
Plug Depth UOM:		m			
<u>Pipe Information</u>					
Pipe ID:		1006730609			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006730613			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006730614			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Hole Diameter</u>					
Hole ID:		1006730611			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7265951			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	7/4/2016
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z229798			Owner:	
Tag:	A155785			Street Name:	160 LANARK AVENUE
Construction Method:				County:	OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006097544			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441297
Code OB Desc:				North83:	5027545
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	6/10/2016			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	gis
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:	1006128695				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0.91				
Formation End Depth:	7.62				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006128694				
Layer:	1				
Color:	6				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		28			
Other Materials:		SAND			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		0.91			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128705			
Layer:		2			
Plug From:		0.31			
Plug To:		4.27			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128704			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128706			
Layer:		3			
Plug From:		4.27			
Plug To:		7.62			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006128693			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006128699			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4.57			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006128700			
Layer:		1			
Slot:		10			
Screen Top Depth:		4.57			
Screen End Depth:		7.62			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Hole Diameter</u>					
Hole ID:		1006128696			
Diameter:		11.43			
Depth From:		0			
Depth To:		1.5			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1006128697			
Diameter:		7.62			
Depth From:		1.5			
Depth To:		7.62			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

<u>98</u>	1 of 1	WSW/281.5	64.1 / 0.42	R.M. OF OTTAWA-CARLETON SCOTT ST./WINONA AVE./CLIFTON OTTAWA CITY ON	CA
Certificate #:		7-0199-94-			
Application Year:		94			
Issue Date:		4/5/1994			
Approval Type:		Municipal water			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

<u>99</u>	1 of 1	ESE/249.7	65.8 / 2.06	175 Richmond Road Ottawa ON	EHS
Order No:		20131114032		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State:	ON
Report Date:		25-NOV-13		Search Radius (km):	.25
Date Received:		14-NOV-13		X:	-75.746811
Previous Site Name:				Y:	45.395201

Lot/Building Size:
 Additional Info Ordered: Fire Insur. Maps and/or Site Plans

100 1 of 1 **ENE/293.2** **62.9 / -0.85** **ON** **BORE**

Borehole ID:	613051	Inclin FLG:	No
OGF ID:	215514355	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	JUL-1965	Municipality:	
Static Water Level:		Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.396977
Total Depth m:	6.5	Longitude DD:	-75.746774
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	441551
Drill Method:		Northing:	5027322
Orig Ground Elev m:	65.7	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	64.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218393487	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	.1	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:		Geologic Formation:	
Material 2:	Asphalt	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	ARTIFICIAL.		
Geology Stratum ID:	218393488	Mat Consistency:	
Top Depth:	.1	Material Moisture:	
Bottom Depth:	.2	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Stones	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	STONES.		
Geology Stratum ID:	218393491	Mat Consistency:	Dense
Top Depth:	2	Material Moisture:	
Bottom Depth:	3.8	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Unknown	Geologic Formation:	
Material 2:	Till	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. DENSE.		
Geology Stratum ID:	218393490	Mat Consistency:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	.9 2 Cobbles Sand Gravel	COBBLE. GRADED.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218393489 .2 .9 Gravel Sand Wood Fragments	ARTIFICIAL.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218393493 4.6 5 Sand Gravel	SAND. DENSE.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218393494 5 6.5 Bedrock	BEDROCK. 00008 009 00030 010 00065 009 00125 011 00030030000650160012501600150068 **Note: Many records provided by the department have a truncated [Stratum Description] field.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218393492 3.8 4.6 Sand Gravel Till	SAND. DENSE.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense
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: 055590 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

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

101	1 of 1	S/244.1	68.3 / 4.59	ON	WWIS
Well ID:	7242470			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	6/5/2015
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	6964
Casing Material:				Form Version:	8
Audit No:	C28556			Owner:	
Tag:	A147242			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
Bore Hole Information					
Bore Hole ID:	1005397364			Elevation:	68.511634
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441276
Code OB Desc:				North83:	5026910
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11/11/2014			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

102	1 of 3	NW/263.4	61.0 / -2.75	OTTAWA BOARD OF EDUCATION ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	GEN
Generator No:	ON0375221			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:	8511				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		ELEMT./SECON. EDUC.			
<u>Detail(s)</u>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
102	2 of 3	NW/263.4	61.0 / -2.75	OTTAWA (SEE&USE ON1285702) ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	GEN
Generator No:	ON0375221			PO Box No:	
Status:				Country:	
Approval Years:	90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
102	3 of 3	NW/263.4	61.0 / -2.75	OTTAWA (SEE&USE ON1285702) 29-129 ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	GEN
Generator No:	ON0375221			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
103	1 of 1	NNE/263.6	59.8 / -3.90	Ottawa ON	WWIS
Well ID:	7290748			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	7/24/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z256705			Owner:	
Tag:	A190913			Street Name:	160 LANARK AVENUE
Construction Method:				County:	OTTAWA-CARLETON
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:					

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:	1006640119			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	60.721069 18 441302 5027549 UTM83 4 margin of error : 30 m - 100 m wwr
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	1006730635				
	1	5.79	0	m	
<u>Pipe Information</u>					
Pipe ID: Casing No: Comment: Alt Name:	1006730628				
	0				
<u>Construction Record - Casing</u>					
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	1006730632				
				cm	m
<u>Construction Record - Screen</u>					
Screen ID: Layer: Slot: Screen Top Depth: Screen End Depth: Screen Material: Screen Depth UOM: Screen Diameter UOM: Screen Diameter:	1006730633				
				m	cm
<u>Hole Diameter</u>					
Hole ID: Diameter: Depth From: Depth To:	1006730630				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
104	1 of 1	N/260.4	59.8 / -3.96	186 LANARK AVENUE OTTAWA ON K1Z 6R5	HINC
External File Num:		FS INC 0807-03882			
Fuel Occurrence Type:		Pipeline Strike			
Date of Occurrence:		7/16/2008			
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:		No			
Property Damage:		Yes			
Fuel Life Cycle Stage:		Transmission, Distribution and Transportation			
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:Yes Management:Yes Human Factors:Yes			
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:					
105	1 of 1	ESE/256.0	65.8 / 2.06	R.M. OF OTTAWA-CARLETON KIRKWOOD AVE/RICHMOND RD. OTTAWA CITY ON	CA
Certificate #:		7-0745-99-			
Application Year:		99			
Issue Date:		9/7/1999			
Approval Type:		Municipal water			
Status:		Cancelled			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
106	1 of 1	E/297.5	63.8 / 0.03	ON	BORE
Borehole ID:		613050		Inclin FLG: No	
OGF ID:		215514354		SP Status: Initial Entry	
Status:				Surv Elev: No	
Type:		Borehole		Piezometer: No	
Use:				Primary Name:	
Completion Date:		JUN-1959		Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD: 45.396887	
Total Depth m:		8.4		Longitude DD: -75.746645	
Depth Ref:		Ground Surface		UTM Zone: 18	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth Elev:				Easting:	441561
Drill Method:				Northing:	5027312
Orig Ground Elev m:	63.7			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	64.7				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218393484			Mat Consistency:	
Top Depth:	5.9			Material Moisture:	
Bottom Depth:	6.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK.			
Geology Stratum ID:	218393485			Mat Consistency:	
Top Depth:	6.5			Material Moisture:	
Bottom Depth:	6.6			Material Texture:	
Material Color:	Red			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK. FRACTURED.			
Geology Stratum ID:	218393482			Mat Consistency:	
Top Depth:	2.7			Material Moisture:	
Bottom Depth:	5.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Boulders			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BOULDERS.			
Geology Stratum ID:	218393486			Mat Consistency:	
Top Depth:	6.6			Material Moisture:	
Bottom Depth:	8.4			Material Texture:	
Material Color:	Red			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK. WEATHERED. 0019700500 00050 011 000000120002500900050019 010 00075 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	218393480			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Gsc Material Description:

Stratum Description: ARTIFICIAL.

Geology Stratum ID: 218393483
Top Depth: 5.4
Bottom Depth: 5.9
Material Color: Red
Material 1: Bedrock
Material 2: Limestone
Material 3:
Material 4:

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

Gsc Material Description:

Stratum Description: BEDROCK. WEATHERED.

Geology Stratum ID: 218393481
Top Depth: .9
Bottom Depth: 2.7
Material Color:
Material 1: Boulders
Material 2: Gravel
Material 3: Sand
Material 4:

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

Gsc Material Description:

Stratum Description: BOULDERS.

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 055580 NTS_Sheet: 31G05G
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

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

107	1 of 1	W/278.1	63.0 / -0.77	2 Van Lang Pvt Ottawa ON K1Z1A6	EHS
Order No:	20130926037			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	RSC Premium Package (Urban)			Client Prov/State:	ON
Report Date:	07-OCT-13			Search Radius (km):	.3
Date Received:	26-SEP-13			X:	-75.754924
Previous Site Name:				Y:	45.396108
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				

108	1 of 2	SW/298.4	66.8 / 3.10	310 ELMGROVE AVE, OTTAWA ON	PINC
Incident ID:				Health Impact:	
Incident No:	1899576			Environment Impact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Type: Status Code: Fuel Occurrence Tp: Fuel Type: Tank Status: Task No: Spills Action Centre: Method Details: Fuel Category: Date of Occurrence: Occurrence Start Date: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:	FS-Pipeline Incident Pipeline Damage Reason Est RC Established 6241143 E-mail Natural Gas 2016/07/18 310 ELMGROVE AVE, OTTAWA - PIPELINE HIT - 2" Bernie Monette - ENBRIDGE Facility was not located or marked	Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:	Yes Yes FS-Perform P-line Inc Invest		

108	2 of 2	SW/298.4	66.8 / 3.10	Enbridge Gas Distribution Inc. 310 Elmsgrove Ave 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:	2365-ABMRJS NA 2016/07/07 Leak/Break 35 NATURAL GAS (METHANE) Air No 2016/07/07 2016/08/10 Operator/Human Error Residential<UNOFFICIAL> TSSA 2 inch main damage, made safe 0 other - see incident description	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:	Miscellaneous Industrial 310 Elmsgrove Ave Ottawa		

109	1 of 30	SE/251.8	68.0 / 4.26	R.L. CRAIN INC. 190 RICHMOND RD. OTTAWA CITY ON K1Z 6W6	CA
Certificate #: Application Year: Issue Date: Approval Type: Status:	8-4049-89- 89 11/1/1989 Industrial air Approved				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: UV LAMP FOR CURING PHOTOSENS. INKS Contaminants: Ozone Emission Control: No Controls					
109	2 of 30	SE/251.8	68.0 / 4.26	CRAIN-DRUMMOND INC. 190 RICHMOND RD OTTAWA ON K1Z 6W6	SCT
Established: 1989 Plant Size (ft²): 0 Employment: 100					
--Details-- Description: COATED AND LAMINATED PAPER, NOT ELSEWHERE CLASSIFIED SIC/NAICS Code: 2672 Description: MANIFOLD BUSINESS FORMS SIC/NAICS Code: 2761					
109	3 of 30	SE/251.8	68.0 / 4.26	R.L. CRAIN INC. 190 RICHMOND RD. OTTAWA CITY ON K1Z 6W6	CA
Certificate #: 8-4050-89-000 Application Year: 89 Issue Date: 4/26/89 Approval Type: Industrial air Status: Application Cancelled Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
109	4 of 30	SE/251.8	68.0 / 4.26	REAL CANADIAN SUPERSTORE #1009 190 RICHMOND RD OTTAWA ON K1Z6W6	PES
Detail Licence No: Licence No: 12492 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: 0 Latitude: Longitude: Lot: Concession: Region:					
Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 7225890 Operator Ext: Operator Lot: Oper Concession: Operator Region: 4 Operator District: Operator County: 15 Op Municipality: Post Office Box:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
District: County: Trade Name: PDF Link:				MOE District: SWP Area Name:	

109	5 of 30	SE/251.8	68.0 / 4.26	R.L. GRAIN INC. 190 RICHMOND ROAD OTTAWA ON K1Z 6W6	GEN
Generator No:	ON0146302			PO Box No:	
Status:				Country:	
Approval Years:	86,87			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2799				
SIC Description:	OTHER CONVERTED PAP.				
Detail(s)					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	262				
Waste Class Desc:	DETERGENTS/SOAPS				

109	6 of 30	SE/251.8	68.0 / 4.26	R.L. CRAIN INC. 190 RICHMOND ROAD OTTAWA ON K1Z 6W6	GEN
Generator No:	ON0146302			PO Box No:	
Status:				Country:	
Approval Years:	88,89			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2799				
SIC Description:	OTHER CONVERTED PAP.				
Detail(s)					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	262				
Waste Class Desc:	DETERGENTS/SOAPS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
109	7 of 30	SE/251.8	68.0 / 4.26	R.L. CRAIN (SEE&USE ON0249903) 190 RICHMOND ROAD OTTAWA ON K1Z 6W6	GEN
Generator No:	ON0146302			PO Box No:	
Status:				Country:	
Approval Years:	90,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2799				
SIC Description:	OTHER CONVERTED PAP.				
109	8 of 30	SE/251.8	68.0 / 4.26	R.L. CRAIN (SEE&USE ON0249903) 33-141 190 RICHMOND ROAD OTTAWA ON K1G 3J7	GEN
Generator No:	ON0146302			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:	2799				
SIC Description:	OTHER CONVERTED PAP.				
109	9 of 30	SE/251.8	68.0 / 4.26	CRAIN-DRUMMOND INC. 190 RICHMOND ROAD P.O.BOX 8392 OTTAWA ON K1Z 6W6	GEN
Generator No:	ON0249903			PO Box No:	
Status:				Country:	
Approval Years:	90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2799				
SIC Description:	OTHER CONVERTED PAP.				
<u>Detail(s)</u>					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	262				
Waste Class Desc:	DETERGENTS/SOAPS				
109	10 of 30	SE/251.8	68.0 / 4.26	CRAIN-DRUMMOND INC. 33-141 190 RICHMOND ROAD OTTAWA ON K1G 3J7	GEN
Generator No:	ON0249903			PO Box No:	
Status:				Country:	
Approval Years:	92,93,95,96			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2799				
SIC Description:	OTHER CONVERTED PAP.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
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:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		265			
Waste Class Desc:		GRAPHIC ART WASTES			

<u>109</u>	11 of 30	SE/251.8	68.0 / 4.26	CRAIN-DRUMMOND INC. 33-141 190 RICHMOND ROAD P.O.BOX 8392 OTTAWA ON K1Z 6W6	GEN
Generator No:	ON0249903			PO Box No:	
Status:				Country:	
Approval Years:	94			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2799				
SIC Description:	OTHER CONVERTED PAP.				

<u>Detail(s)</u>					
Waste Class:		243			
Waste Class Desc:		PCB'S			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			

<u>109</u>	12 of 30	SE/251.8	68.0 / 4.26	CRAIN-DRUMMOND INC 190 RICHMOND ROAD OTTAWA ON K1G 3J7	GEN
Generator No:	ON0249903			PO Box No:	
Status:				Country:	
Approval Years:	97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2799				
SIC Description:	OTHER CONVERTED PAP.				

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

Waste Class: 243
Waste Class Desc: PCB'S

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

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

109	13 of 30	SE/251.8	68.0 / 4.26	CRAIN-DRUMMOND INC. 190 RICHMOND ROAD OTTAWA ON K1G 3J7	GEN
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Generator No:	ON0249903	PO Box No:	
Status:		Country:	
Approval Years:	98,99,00,01	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	2799		
SIC Description:	OTHER CONVERTED PAP.		

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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: 262
Waste Class Desc: DETERGENTS/SOAPS

Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES

109	14 of 30	SE/251.8	68.0 / 4.26	REAL CANADIAN SUPERSTORE #1009 190 RICHMOND RD OTTAWA ON K1Z 6W6	PES
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:				Operator Box: Operator Class: Operator No: Operator Type: Vendor Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	

109	15 of 30	SE/251.8	68.0 / 4.26	REAL CANADIAN SUPERSTORE #1009 190 RICHMOND RD OTTAWA ON K1Z 6W6	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:				Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	

109	16 of 30	SE/251.8	68.0 / 4.26	190 Richmond Rd. Ottawa ON K1Z 6W6	EHS
Order No: 20130111185 Status: C Report Type: Custom Report Report Date: 23-JAN-13 Date Received: 09-JAN-13 Previous Site Name: Lot/Building Size: Additional Info Ordered:				Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.747179 Y: 45.394497	

109	17 of 30	SE/251.8	68.0 / 4.26	Calian Ltd. 190 Richmond Road, 2nd Floor ottawa ON K1Z 6W6	GEN
Generator No: ON4798687 Status:				PO Box No: Country: Canada	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2016 No No 621110			Choice of Contact: Co Admin: Phone No Admin: OFFICES OF PHYSICIANS	CO_ADMIN Darlene Vail 613-719-7837 Ext.
Detail(s)					
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			

109	18 of 30	SE/251.8	68.0 / 4.26	Loblaw Companies Limited 190 Richmond Rd. Ottawa ON K1Z 6W6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON3080314 2016 No No 445110			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES	
Detail(s)					
Waste Class: Waste Class Desc:		261 PHARMACEUTICALS			
Waste Class: Waste Class Desc:		252 WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:		262 DETERGENTS/SOAPS			
Waste Class: Waste Class Desc:		146 OTHER SPECIFIED INORGANICS			
Waste Class: Waste Class Desc:		112 ACID WASTE - HEAVY METALS			
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			
Waste Class: Waste Class Desc:		269 NON-HALOGENATED PESTICIDES			
Waste Class: Waste Class Desc:		263 ORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Class: Waste Class Desc:		122 ALKALINE WASTES - OTHER METALS			
Waste Class: Waste Class Desc:		331 WASTE COMPRESSED GASES			
Waste Class: Waste Class Desc:		212 ALIPHATIC SOLVENTS			
Waste Class: Waste Class Desc:		148 INORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
109	19 of 30	SE/251.8	68.0 / 4.26	Loblaws Companies Limited 190 Richmond Rd. Ottawa ON K1Z 6W6	GEN
Generator No:	ON3080314			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:	445110				
SIC Description:	SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES				
Detail(s)					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
109	20 of 30	SE/251.8	68.0 / 4.26	Calian Ltd. 190 Richmond Road, 2nd Floor ottawa ON K1Z 6W6	GEN
Generator No:	ON4798687			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Darlene Vail
MHSW Facility:	No			Phone No Admin:	613-719-7837 Ext.
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
Detail(s)					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
109	21 of 30	SE/251.8	68.0 / 4.26	Calian Ltd. 190 Richmond Road, 2nd Floor ottawa ON K1Z 6W6	GEN
Generator No:	ON4798687			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Wined Klein
MHSW Facility:	No			Phone No Admin:	613-719-7837 Ext.
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
Detail(s)					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
109	22 of 30	SE/251.8	68.0 / 4.26	LOBLAWS INC. 190 Richmond Rd. Ottawa ON K1Z 6W6	GEN
Generator No:	ON3080314			PO Box No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		242 L			
Waste Class Desc:		Halogenated pesticides and herbicides			
Waste Class:		242 T			
Waste Class Desc:		Halogenated pesticides and herbicides			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		261 B			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		261 I			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		261 L			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		262 C			
Waste Class Desc:		Detergents and soaps			
Waste Class:		262 L			
Waste Class Desc:		Detergents and soaps			
Waste Class:		263 A			
Waste Class Desc:		Misc. waste organic chemicals			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		263 C			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		264 T			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		269 L			
Waste Class Desc:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		269 T			
Waste Class Desc:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			

109	23 of 30	SE/251.8	68.0 / 4.26	Harik General Contracting 190 Richmond Road Ottawa ON K1Z 6W6	GEN
Generator No:	ON7572331			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:	145 L				
Waste Class Desc:	Wastes from the use of pigments, coatings and paints				

109	24 of 30	SE/251.8	68.0 / 4.26	190 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	RSC
RSC ID:	224523			Cert Date:	
RA No:				Cert Prop Use No:	
RSC Type:	Phase 1 and 2 RSC			Intended Prop Use:	Residential
Curr Property Use:	Commercial			Qual Person Name:	RAKESH KONERU
Ministry District:	Ottawa District Office			Stratified (Y/N):	
Filing Date:	2018/05/07			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	
Date Returned:				Accuracy Estimate:	
Restoration Type:				Telephone:	
Soil Type:				Fax:	
Criteria:				Email:	
CPU Issued Sect 1686:					
Asmt Roll No:	0614084401012000000				
Prop ID No (PIN):	04021-0386 (LT)				
Property Municipal Address:	190 RICHMOND ROAD, OTTAWA, ON K1Z 6W6				
Mailing Address:					
Latitude & Longitude:					

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

Consultant:

Filing Owner:

CP REIT ONTARIO PROPERTIES LIMITED

Legal Desc:

Measurement Method:

Applicable Standards:

RSC PDF:

<https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=96170&fileName=BROWNFIELDS-E.pdf>

Document(s) Detail

Document Heading:

Supporting Documents

Document Name:

CertificateofStatusMar2018.pdf

Document Type:

Certificate of Status

Document Link:

<https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=96171&fileName=CertificateofStatusMar2018.pdf>

Document Heading:

Supporting Documents

Document Name:

TransferDeed.pdf

Document Type:

Copy of any deed(s), transfer(s) or other document(s)

Document Link:

<https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=96165&fileName=TransferDeed.pdf>

Document Heading:

Supporting Documents

Document Name:

RSCLandsSurveyPlanMar2018.pdf

Document Type:

A Current plan of Survey

Document Link:

<https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=96162&fileName=RSCLandsSurveyPlanMar2018.pdf>

Document Heading:

Supporting Documents

Document Name:

currentpastuses.pdf

Document Type:

Table of Current and Past Property Use

Document Link:

<https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=96167&fileName=currentpastuses.pdf>

Document Heading:

Supporting Documents

Document Name:

APECTable.pdf

Document Type:

Area(s) of Potential Environmental Concern

Document Link:

<https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=96164&fileName=APECTable.pdf>

Document Heading:

Supporting Documents

Document Name:

190RichmondRd P2CSM.pdf

Document Type:

Phase 2 Conceptual Site Model

Document Link:

<https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=96163&fileName=190RichmondRd+P2CSM.pdf>

Document Heading:

Supporting Documents

Document Name:

LawyerLetter.pdf

Document Type:

Lawyer's letter consisting of a legal description of the property

Document Link:

<https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=96169&fileName=LawyerLetter.pdf>

[109](#)

25 of 30

SE/251.8

68.0 / 4.26

**Westboro Medical Centre
190 Richmond Rd.
Ottawa On. ON K1W6W6**

GEN

Generator No:

ON9799079

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:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Detail(s)					
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
109	26 of 30	SE/251.8	68.0 / 4.26	190 Richmond Road Ottawa ON	EHS
Order No:		20180110215		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		RSC Report (Urban)		Client Prov/State: ON	
Report Date:		17-JAN-18		Search Radius (km): .3	
Date Received:		10-JAN-18		X: -75.747468	
Previous Site Name:				Y: 45.393479	
Lot/Building Size:					
Additional Info Ordered:					
109	27 of 30	SE/251.8	68.0 / 4.26	190 Richmond Road Ottawa ON K1Z 6W6	EHS
Order No:		20180815012		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		RSC Report (Urban)		Client Prov/State: ON	
Report Date:		21-AUG-18		Search Radius (km): .3	
Date Received:		15-AUG-18		X: -75.748506	
Previous Site Name:				Y: 45.39286	
Lot/Building Size:					
Additional Info Ordered:					
109	28 of 30	SE/251.8	68.0 / 4.26	REAL CANADIAN SUPERSTORE #1009 190 RICHMOND RD OTTAWA ON K1Z6W6	PES
Detail Licence No:					
Licence No:		18578		Operator Box:	
Status:				Operator Class:	
Approval Date:				Operator No:	
Report Source:		Legacy Licenses (Excluding TS)		Operator Type:	
Licence Type:		Limited Vendor		Oper Area Code: 613	
Licence Type Code:		23		Oper Phone No: 7225890	
Licence Class:		01		Operator Ext:	
Licence Control:				Operator Lot:	
Latitude:				Oper Concession:	
Longitude:				Operator Region:	
Lot:				Operator District:	
Concession:				Operator County:	
Region:				Op Municipality:	
District:				Post Office Box:	
County:				MOE District:	
Trade Name:				SWP Area Name:	
PDF Link:					
109	29 of 30	SE/251.8	68.0 / 4.26	LOBLAWS INC. 190 Richmond Rd. Ottawa ON K1Z 6W6	GEN
Generator No:		ON3080314		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Oct 2019		Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:				Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		242 L			
Waste Class Desc:		Halogenated pesticides and herbicides			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		269 T			
Waste Class Desc:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		264 T			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		242 T			
Waste Class Desc:		Halogenated pesticides and herbicides			
Waste Class:		261 B			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		263 C			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		262 L			
Waste Class Desc:		Detergents and soaps			
Waste Class:		261 L			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		262 C			
Waste Class Desc:		Detergents and soaps			
Waste Class:		269 L			
Waste Class Desc:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		261 I			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Pharmaceuticals			
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		263 A			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			

[109](#) 30 of 30 SE/251.8 68.0 / 4.26 **Choice Properties**
222-190 Richmond Road
Ottawa ON K1Z 6W6 **GEN**

Generator No: ON3977259
Status: Registered
Approval Years: As of Oct 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

[110](#) 1 of 1 SSW/280.9 67.9 / 4.20 **277 Richmond Rd Ottawa On**
Ottawa ON K1Z6X3 **EHS**

Order No: 20140210077
Status: C
Report Type: Standard Report
Report Date: 19-FEB-14
Date Received: 10-FEB-14
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality: Ottawa
Client Prov/State: ON
Search Radius (km): .25
X: -75.752131
Y: 45.39327

[111](#) 1 of 49 E/291.7 63.8 / 0.08 **Canadian Bank Note Co. Ltd.**
145 Richmond Rd
Ottawa ON K1Z 1A1 **SCT**

Established: 01-AUG-97
Plant Size (ft²):
Employment:

--Details--

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		Computer and Peripheral Equipment Manufacturing			
SIC/NAICS Code:		334110			
Description:		Support Activities for Printing			
SIC/NAICS Code:		323120			
Description:		Other Printing			
SIC/NAICS Code:		323119			
111	2 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LTD. 145 RICHMOND ROAD OTTAWA CITY ON K1Z 1A1	CA
Certificate #:		8-4144-97-			
Application Year:		97			
Issue Date:		11/14/1997			
Approval Type:		Industrial air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:		TWENTY-ONE EMISSION SOURCES			
Contaminants:					
Emission Control:					
111	3 of 49	E/291.7	63.8 / 0.08	PRIVATE BUSINESS 145 RICHMOND DR. STORAGE TANK OTTAWA CITY ON K1Z 1A1	SPL
Ref No:		218303			
Site No:					
Incident Dt:		12/15/2001			
Year:					
Incident Cause:		UNDERGROUND TANK LEAK			
Incident Event:					
Contaminant Code:					
Contaminant Name:					
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Environment Impact:		Possible			
Nature of Impact:		Soil contamination			
Receiving Medium:		Land			
Receiving Env:					
MOE Response:					
Dt MOE Arvl on Scn:					
MOE Reported Dt:		12/15/2001			
Dt Document Closed:					
Incident Reason:		UNKNOWN			
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		CANADIAN BANK NOTE INC. 80 L LUBRICATING OIL TO GROUND.			
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:					
111	4 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company Limited 145 Richmond Rd Ottawa ON K1Z 1A1	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Established: 1897
Plant Size (ft²):
Employment: 520

111	5 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company Ltd. 145 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA ON	EBR
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EBR Registry No: IA7E1244
Ministry Ref No: 8414497 19970820
Notice Type: Instrument Decision
Notice Stage: 800470610
Notice Date: November 13, 1997
Proposal Date: August 25, 1997
Year: 1997
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: Canadian Bank Note Company Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 145 Richmond Road, Ottawa Ontario, K1Z 1A1
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

145 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA

111	6 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company Ltd. 145 Richmond Road, Ottawa CITY OF OTTAWA ON	PTTW
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EBR Registry No: IA00E1810
Ministry Ref No: ER-11472
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 14, 2001
Proposal Date: November 27, 2000
Year: 2000
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Canadian Bank Note Company Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 145 Richmond Road, Ottawa Ontario, K1Z 1A1
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

145 Richmond Road, Ottawa CITY OF OTTAWA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
111	7 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company Ltd. Lot 145 Richmond Road CITY OF OTTAWA ON	PTTW

EBR Registry No: IA01E1574
Ministry Ref No: ER-14624
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 05, 2002
Proposal Date: November 14, 2001
Year: 2001
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Canadian Bank Note Company Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 145 Richmond Road, Ottawa Ontario, K1Z 1A1
Comment Period:
URL:

Site Location Details:

Lot 145 Richmond Road CITY OF OTTAWA

111	8 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE CO. LTD. P.O. BOX 8394 145 RICHMOND ROAD OTTAWA ON K1Z 1A1	GEN
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Generator No: ON0045200
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 2819
SIC Description: OTHER COMM. PRINTING
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES
Waste Class: 131
Waste Class Desc: NEUTRALIZED WASTES - HEAVY METALS
Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS
Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS
Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES
Waste Class: 111
Waste Class Desc: SPENT PICKLE LIQUOR
Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS
Waste Class: 121

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			

111	9 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED 145 RICHMOND ROAD OTTAWA ON K1Z 1A1	GEN
Generator No:	ON0045200			PO Box No:	
Status:				Country:	
Approval Years:	92,93,97,98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2819				
SIC Description:	OTHER COMM. PRINTING				
<u>Detail(s)</u>					
Waste Class:	111				
Waste Class Desc:	SPENT PICKLE LIQUOR				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	131				
Waste Class Desc:	NEUTRALIZED WASTES - HEAVY METALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	265				
Waste Class Desc:	GRAPHIC ART WASTES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
111	10 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED08-146 145 RICHMOND ROAD OTTAWA ON K1Z 1A1	GEN
Generator No:	ON0045200			PO Box No:	
Status:				Country:	
Approval Years:	94,95,96			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2819				
SIC Description:	OTHER COMM. PRINTING				
<u>Detail(s)</u>					
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	131				
Waste Class Desc:	NEUTRALIZED WASTES - HEAVY METALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	265				
Waste Class Desc:	GRAPHIC ART WASTES				
Waste Class:	111				
Waste Class Desc:	SPENT PICKLE LIQUOR				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				

111	11 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON K1Z 1A1	GEN
Generator No:	ON0045200			PO Box No:	
Status:				Country:	
Approval Years:	02,03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	323113				
SIC Description:	Commercial Screen Printing				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Detail(s)</i>					
<i>Waste Class:</i>			131		
<i>Waste Class Desc:</i>			NEUTRALIZED WASTES - HEAVY METALS		
<i>Waste Class:</i>			121		
<i>Waste Class Desc:</i>			ALKALINE WASTES - HEAVY METALS		
<i>Waste Class:</i>			122		
<i>Waste Class Desc:</i>			ALKALINE WASTES - OTHER METALS		
<i>Waste Class:</i>			265		
<i>Waste Class Desc:</i>			GRAPHIC ART WASTES		
<i>Waste Class:</i>			135		
<i>Waste Class Desc:</i>			REACTIVE ANION WASTES		
<i>Waste Class:</i>			146		
<i>Waste Class Desc:</i>			OTHER SPECIFIED INORGANICS		
<i>Waste Class:</i>			150		
<i>Waste Class Desc:</i>			INERT INORGANIC WASTES		
<i>Waste Class:</i>			268		
<i>Waste Class Desc:</i>			AMINES		
<i>Waste Class:</i>			268		
<i>Waste Class Desc:</i>			AMINES		
<i>Waste Class:</i>			111		
<i>Waste Class Desc:</i>			SPENT PICKLE LIQUOR		
<i>Waste Class:</i>			133		
<i>Waste Class Desc:</i>			BRINES, CHLOR-ALKALI WASTES		
<i>Waste Class:</i>			221		
<i>Waste Class Desc:</i>			LIGHT FUELS		
<i>Waste Class:</i>			262		
<i>Waste Class Desc:</i>			DETERGENTS/SOAPS		
<i>Waste Class:</i>			232		
<i>Waste Class Desc:</i>			POLYMERIC RESINS		
<i>Waste Class:</i>			243		
<i>Waste Class Desc:</i>			PCB'S		
<i>Waste Class:</i>			251		
<i>Waste Class Desc:</i>			OIL SKIMMINGS & SLUDGES		
<i>Waste Class:</i>			263		
<i>Waste Class Desc:</i>			ORGANIC LABORATORY CHEMICALS		
<i>Waste Class:</i>			267		
<i>Waste Class Desc:</i>			ORGANIC ACIDS		
<i>Waste Class:</i>			331		
<i>Waste Class Desc:</i>			WASTE COMPRESSED GASES		
<i>Waste Class:</i>			112		
<i>Waste Class Desc:</i>			ACID WASTE - HEAVY METALS		
<i>Waste Class:</i>			114		
<i>Waste Class Desc:</i>			OTHER INORGANIC ACID WASTES		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			

111	12 of 49	E/291.7	63.8 / 0.08	Ed Brunet & Associates Inc. 145 Richmond Road Ottawa ON K1Z 1A1	GEN
Generator No:	ON9380521			PO Box No:	
Status:				Country:	
Approval Years:	02,03,04			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Detail(s)

Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				

111	13 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE, LIMITED 145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	NPRI
NPRI ID:	10631			Org ID:	40895
Other ID:	Y			Submit Date:	8/10/2004
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	20652			Contact ID:	158376
Report ID:	156098			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	HUTCHINSON
Report Year:	2003			Cont Last Name:	HOLTON
Not-Current Rpt?:	No			Contact Position:	PRESIDENT OF PAYMENT SYSTEM
Yr of Last Filed Rpt:	2014			Contact Fax:	6137226392
Fac ID:	153520			Contact Ph.:	6137223421
Fac Name:	NOT AVAILABLE			Cont Area Code:	613
Fac Address1:	145 RICHMOND ROAD			Contact Tel.:	37223421
Fac Address2:	NOT AVAILABLE			Contact Ext.:	4419
Fac Postal Zip:	K1Z1A1			Cont Fax Area Cde:	613
Facility Lat:	45.3965			Contact Fax:	37226392
Facility Long:	-75.7463			Contact Email:	HHOLTON@CBNCO.COM
DLS (Last Filed Rpt):				Latitude:	45.3965

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility DLS: Datum: 1983 Facility Cmnts: False URL: www.cbnco.com No of Empl.: 427 Parent Co.: * No Parent Co.: 1 Pollut Prev Cmnts: False Stacks: True No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 32 NAICS 2 Description: Manufacturing NAICS Code (4 digit): 3231 NAICS 4 Description: Printing and related support activities NAICS Code (6 digit): 323113 NAICS 6 Description: Commercial screen printing				Longitude: -75.7463 UTM Zone: UTM Northing: UTM Easting: Waste Streams: True No Streams: Waste Off Sites: False No Off Sites: Shutdown: True No of Shutdown:	
<u>Substance Release Report</u>					
Category Type ID: 2 Category Type Desc: Storage / Handling Category Type Desc (fr): Rejets de stockage ou manutention Grouping: Total Air Trans Code: VOCg Chem: Volatile Organic Compounds (VOCs) Chem (fr): Composés organiques volatils (COV) Quantity: 10.032 Unit: tonnes Basis of Estimate Cd: C Basis of Estimate Desc: C- Mass Balance					
Category Type ID: 1 Category Type Desc: Stack / Point Category Type Desc (fr): Rejets de cheminée ou ponctuels Grouping: Total Air Trans Code: AStA Chem: Volatile Organic Compounds (VOCs) Chem (fr): Composés organiques volatils (COV) Quantity: 1.088 Unit: tonnes Basis of Estimate Cd: E1 Basis of Estimate Desc: E1- Site Specific Emission Factors - In use from 2003 and onward					

111	14 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY, LIMITED 145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	NPRI
NPRI ID:	10631	Org ID:	40894		
Other ID:	Y	Submit Date:	2/3/2006		
No Other ID:	1	Last Modified:	5/29/2015 3:28:24 PM		
Track ID:	32931	Contact ID:	158376		
Report ID:	92828	Cont Type:	MED		
Report Type:	NPRI	Contact Title:			
Rpt Type ID:	1	Cont First Name:	HUTCHINSON		
Report Year:	2004	Cont Last Name:	HOLTON		
Not-Current Rpt?:	No	Contact Position:	PRESIDENT OF PAYMENT SYSTEM		
Yr of Last Filed Rpt:	2014	Contact Fax:	6137226392		
Fac ID:	224022	Contact Ph.:	6137223421		
Fac Name:	CANADIAN BANK NOTE COMPANY, LIMITED RICHMOND DIVISION	Cont Area Code:	613		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Fac Address1:	145 RICHMOND ROAD			Contact Tel.:	37223421
Fac Address2:	NOT AVAILABLE			Contact Ext.:	4419
Fac Postal Zip:	K1Z1A1			Cont Fax Area Cde:	613
Facility Lat:	45.3965			Contact Fax:	37226392
Facility Long:	-75.7463			Contact Email:	HHOLTON@CBNCO.COM
DLS (Last Filed Rpt):				Latitude:	45.3965
Facility DLS:				Longitude:	-75.7463
Datum:	1983			UTM Zone:	
Facility Cmnts:	True			UTM Northing:	
URL:	www.cbnco.com			UTM Easting:	
No of Empl.:	446			Waste Streams:	False
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	False
Pollut Prev Cmnts:	True			No Off Sites:	
Stacks:	No			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):	32				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3231				
NAICS 4 Description:	Printing and related support activities				
NAICS Code (6 digit):	323119				
NAICS 6 Description:	Other printing				
<u>Substance Release Report</u>					
Category Type ID:	2				
Category Type Desc:	Storage / Handling				
Category Type Desc (fr):	Rejets de stockage ou manutention				
Grouping:	Total Air				
Trans Code:	VOCg				
Chem:	Heavy aromatic solvent naphtha				
Chem (fr):	Solvant naphta aromatique lourd				
Quantity:	1.169				
Unit:	tonnes				
Basis of Estimate Cd:	C				
Basis of Estimate Desc:	C- Mass Balance				
Category Type ID:	2				
Category Type Desc:	Storage / Handling				
Category Type Desc (fr):	Rejets de stockage ou manutention				
Grouping:	Total Air				
Trans Code:	VOCg				
Chem:	MSG#2 - Hydrotreated light distillate				
Chem (fr):	EMG#2 - Distillat léger hydrotraité				
Quantity:	2.434				
Unit:	tonnes				
Basis of Estimate Cd:	C				
Basis of Estimate Desc:	C- Mass Balance				
Category Type ID:	2				
Category Type Desc:	Storage / Handling				
Category Type Desc (fr):	Rejets de stockage ou manutention				
Grouping:	Total Air				
Trans Code:	VOCg				
Chem:	Stoddard solvent				
Chem (fr):	Solvant Stoddard				
Quantity:	1.84				
Unit:	tonnes				
Basis of Estimate Cd:	C				
Basis of Estimate Desc:	C- Mass Balance				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		MSG#1 - Solvent naphtha medium aliphatic			
Chem (fr):		EMG#1 - Solvant naphtha aliphatique moyen			
Quantity:		.779			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		GE - Diethylene glycol butyl ether (DEGBE)			
Chem (fr):		EG - Éther butylique de diéthylèneglycol (DEGBE)			
Quantity:		.386			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		GE - Diethylene glycol ethyl ether (DEGEE)			
Chem (fr):		EG - Éther éthylique de diéthylèneglycol (DEGEE)			
Quantity:		.336			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		GE - Ethylene glycol butyl ether acetate (EGBEA)			
Chem (fr):		EG - Acétate d'éther butylique d'éthylèneglycol (EGBEA)			
Quantity:		.205			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Volatile Organic Compounds (VOCs)			
Chem (fr):		Composés organiques volatils (COV)			
Quantity:		.862			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Light aromatic solvent naphtha			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		Solvant naphta aromatique léger .116 tonnes			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		13 All Media Rejets à tous les médias Total All Media<1t MSG#3 - White mineral oil EMG#3 - Vaseline liquide .221 tonnes			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		13 All Media Rejets à tous les médias Total All Media<1t 2-Butoxyethanol 2-Butoxyéthanol .645 tonnes			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		2 Storage / Handling Rejets de stockage ou manutention Total Air VOCg Volatile Organic Compounds (VOCs) Composés organiques volatils (COV) 10.013 tonnes C C- Mass Balance			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		13 All Media Rejets à tous les médias Total All Media<1t 2-(2-Methoxyethoxy)ethanol 2-(2-méthoxy-éthoxy)éthanol .672 tonnes			

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E/291.7

63.8 / 0.08

CANADIAN BANK NOTE COMPANY, LIMITED
 145 RICHMOND ROAD NOT AVAILABLE
 OTTAWA ON K1Z1A1

NPRI

NPRI ID: 10631
 Other ID: Y
 No Other ID: 1
 Track ID: 40060
 Report ID: 97007
 Report Type: NPRI
 Rpt Type ID: 1

Org ID: 40894
 Submit Date: 6/1/2006
 Last Modified: 5/29/2015 3:28:24 PM
 Contact ID: 158376
 Cont Type: MED
 Contact Title:
 Cont First Name: HUTCHINSON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Year:	2005			Cont Last Name:	HOLTON
Not-Current Rpt?:	No			Contact Position:	PRESIDENT OF PAYMENT SYSTEM
Yr of Last Filed Rpt:	2014			Contact Fax:	6137226392
Fac ID:	224022			Contact Ph.:	6137223421
Fac Name:	CANADIAN BANK NOTE COMPANY, LIMITED RICHMOND DIVISION			Cont Area Code:	613
Fac Address1:	145 RICHMOND ROAD			Contact Tel.:	37223421
Fac Address2:	NOT AVAILABLE			Contact Ext.:	4419
Fac Postal Zip:	K1Z1A1			Cont Fax Area Cde:	613
Facility Lat:	45.3965			Contact Fax:	37226392
Facility Long:	-75.7463			Contact Email:	HHOLTON@CBNCO.COM
DLS (Last Filed Rpt):				Latitude:	45.3965
Facility DLS:				Longitude:	-75.7463
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:	www.cbnco.com			UTM Easting:	
No of Empl.:	446			Waste Streams:	False
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	False
Pollut Prev Cmnts:	False			No Off Sites:	
Stacks:	False			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):	32				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3231				
NAICS 4 Description:	Printing and related support activities				
NAICS Code (6 digit):	323119				
NAICS 6 Description:	Other printing				
<u>Substance Release Report</u>					
Category Type ID:	13				
Category Type Desc:	All Media				
Category Type Desc (fr):	Rejets à tous les médias				
Grouping:	Total All Media<1t				
Trans Code:					
Chem:	GE - Diethylene glycol butyl ether (DEGBE)				
Chem (fr):	EG - Éther butylique de diéthylèneglycol (DEGBE)				
Quantity:	.8				
Unit:	tonnes				
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:	13				
Category Type Desc:	All Media				
Category Type Desc (fr):	Rejets à tous les médias				
Grouping:	Total All Media<1t				
Trans Code:					
Chem:	GE - Propylene glycol methyl ether acetate (PGMEA)				
Chem (fr):	EG - Acétate d'éther méthylique de propylèneglycol (PGMEA)				
Quantity:	.05				
Unit:	tonnes				
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:	13				
Category Type Desc:	All Media				
Category Type Desc (fr):	Rejets à tous les médias				
Grouping:	Total All Media<1t				
Trans Code:					
Chem:	GE - Ethylene glycol butyl ether acetate (EGBEA)				

<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>
Chem (fr):		EG - Acétate d'éther butylique d'éthylène glycol (EGBEA)			
Quantity:		.07			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		MSG#2 - Hydrotreated light distillate			
Chem (fr):		EMG#2 - Distillat léger hydrotraité			
Quantity:		2.5			
Unit:		tonnes			
Basis of Estimate Cd:		C			
Basis of Estimate Desc:		C- Mass Balance			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Volatile Organic Compounds (VOCs)			
Chem (fr):		Composés organiques volatils (COV)			
Quantity:		10.349			
Unit:		tonnes			
Basis of Estimate Cd:		C			
Basis of Estimate Desc:		C- Mass Balance			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Volatile Organic Compounds (VOCs)			
Chem (fr):		Composés organiques volatils (COV)			
Quantity:		.063			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		MSG#1 - Solvent naphtha medium aliphatic			
Chem (fr):		EMG#1 - Solvant naphta aliphatique moyen			
Quantity:		1.5			
Unit:		tonnes			
Basis of Estimate Cd:		C			
Basis of Estimate Desc:		C- Mass Balance			
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Hexavalent chromium (and its compounds)			
Chem (fr):		Chrome hexavalent (et ses composés)			
Quantity:		0			
Unit:		kg			
Basis of Estimate Cd:					
Basis of Estimate Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		13 All Media Rejets à tous les médias Total All Media<1t MSG#3 - White mineral oil EMG#3 - Vaseline liquide .11 tonnes			

111	16 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY, LIMITED 145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	NPRI
NPRI ID: Other ID: No Other ID: Track ID: Report ID: Report Type: Rpt Type ID: Report Year: Not-Current Rpt?: Yr of Last Filed Rpt: Fac ID: Fac Name: Fac Address1: Fac Address2: Fac Postal Zip: Facility Lat: Facility Long: DLS (Last Filed Rpt): Facility DLS: Datum: Facility Cmnts: URL: No of Empl.: Parent Co.: No Parent Co.: Pollut Prev Cmnts: Stacks: No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): NAICS 2 Description: NAICS Code (4 digit): NAICS 4 Description: NAICS Code (6 digit): NAICS 6 Description:		10631 Y 2 51794 112260 NPRI 1 2006 No 2014 224022 CANADIAN BANK NOTE COMPANY, LIMITED RICHMOND DIVISION 145 RICHMOND ROAD NOT AVAILABLE K1Z1A1 45.3965 -75.7463 1983 False www.cbnco.com 446 N False True 2 Storage / Handling Rejets de stockage ou manutention Total Air VOCg MSG#2 - Hydrotreated light distillate		Org ID: Submit Date: Last Modified: Contact ID: Cont Type: 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: Longitude: UTM Zone: UTM Northing: UTM Easting: Waste Streams: No Streams: Waste Off Sites: No Off Sites: Shutdown: No of Shutdown:	40894 9/28/2007 5/29/2015 3:28:24 PM 158376 MED HUTCHINSON HOLTON PRESIDENT OF PAYMENT SYSTEM 6137226392 6137223421 613 37223421 4419 613 37226392 HHOLTON@CBNCO.COM 45.3965 -75.7463 True; False

Substance Release Report

Category Type ID: 2
Category Type Desc: Storage / Handling
Category Type Desc (fr): Rejets de stockage ou manutention
Grouping: Total Air
Trans Code: VOCg
Chem: MSG#2 - Hydrotreated light distillate

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Chem (fr): EMG#2 - Distillat léger hydrotraité Quantity: 3.068 Unit: tonnes Basis of Estimate Cd: C Basis of Estimate Desc: C- Mass Balance</p> <p>Category Type ID: 1 Category Type Desc: Stack / Point Category Type Desc (fr): Rejets de cheminée ou ponctuels Grouping: Total Air Trans Code: ASta Chem: Volatile Organic Compounds (VOCs) Chem (fr): Composés organiques volatils (COV) Quantity: .064 Unit: tonnes Basis of Estimate Cd: E2 Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward</p> <p>Category Type ID: 2 Category Type Desc: Storage / Handling Category Type Desc (fr): Rejets de stockage ou manutention Grouping: Total Air Trans Code: VOCg Chem: Volatile Organic Compounds (VOCs) Chem (fr): Composés organiques volatils (COV) Quantity: 12.3 Unit: tonnes Basis of Estimate Cd: C Basis of Estimate Desc: C- Mass Balance</p>					
111	17 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company, Limited 145 Richmond Road Ottawa Ontario K1Z 1A1 Ottawa ON	EBR
<p>EBR Registry No: IA04E0246 Ministry Ref No: 1421-5VVP5 Notice Type: Instrument Decision Notice Stage: 803002599 Notice Date: July 06, 2004 Proposal Date: February 19, 2004 Year: 2004 Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) Off Instrument Name: Posted By: Company Name: Canadian Bank Note Company, Limited Site Address: Location Other: Proponent Name: Proponent Address: 145 Richmond Road, Ottawa Ontario, K1Z 1A1 Comment Period: URL:</p> <p>Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:</p> <p>Site Location Details: 145 Richmond Road Ottawa Ontario K1Z 1A1 Ottawa</p>					
111	18 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company, Limited 145 Richmond Road Ottawa Ontario K1Z 1A1 Ottawa ON	EBR

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
EBR Registry No:	IA04E1404			Decision Posted:	
Ministry Ref No:	8151-65BRAT			Exception Posted:	
Notice Type:	Instrument Decision			Section:	
Notice Stage:	803002600			Act 1:	
Notice Date:	November 01, 2006			Act 2:	
Proposal Date:	October 04, 2004			Site Location Map:	
Year:	2004				
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)				
Off Instrument Name:					
Posted By:					
Company Name:	Canadian Bank Note Company, Limited				
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:	145 Richmond Road, Ottawa Ontario, K1Z 1A1				
Comment Period:					
URL:					
Site Location Details:					
145 Richmond Road Ottawa Ontario K1Z 1A1 Ottawa					

111	19 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY, LIMITED 145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	NPRI
NPRI ID:	10631			Org ID:	40894
Other ID:	Y			Submit Date:	5/15/2008
No Other ID:	2.00			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	52811			Contact ID:	158376
Report ID:	113562			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	HUTCHINSON
Report Year:	2007			Cont Last Name:	HOLTON
Not-Current Rpt?:	No			Contact Position:	PRESIDENT OF PAYMENT SYSTEM
Yr of Last Filed Rpt:	2014			Contact Fax:	6137226392
Fac ID:	224022			Contact Ph.:	6137223421
Fac Name:	CANADIAN BANK NOTE COMPANY, LIMITED RICHMOND DIVISION			Cont Area Code:	613
Fac Address1:	145 RICHMOND ROAD			Contact Tel.:	37223421
Fac Address2:	NOT AVAILABLE			Contact Ext.:	4419
Fac Postal Zip:	K1Z1A1			Cont Fax Area Cde:	613
Facility Lat:	45.3965			Contact Fax:	37226392
Facility Long:	-75.7463			Contact Email:	HHOLTON@CBNCO.COM
DLS (Last Filed Rpt):				Latitude:	45.3965
Facility DLS:				Longitude:	-75.7463
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:	www.cbnco.com			UTM Easting:	
No of Empl.:	496			Waste Streams:	True _z
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	True _z
Pollut Prev Cmnts:	False			No Off Sites:	
Stacks:	True			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):	32				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3231				
NAICS 4 Description:	Printing and related support activities				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS Code (6 digit):		323119			
NAICS 6 Description:		Other printing			
Substance Release Report					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Chromium (and its compounds)			
Chem (fr):		Chrome (et ses composés)			
Quantity:		0			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Volatile Organic Compounds (VOCs)			
Chem (fr):		Composés organiques volatils (COV)			
Quantity:		10.969			
Unit:		tonnes			
Basis of Estimate Cd:		C			
Basis of Estimate Desc:		C- Mass Balance			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		MSG#2 - Hydrotreated light distillate			
Chem (fr):		EMG#2 - Distillat léger hydrotraité			
Quantity:		3.068			
Unit:		tonnes			
Basis of Estimate Cd:		C			
Basis of Estimate Desc:		C- Mass Balance			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Volatile Organic Compounds (VOCs)			
Chem (fr):		Composés organiques volatils (COV)			
Quantity:		.062			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			

111	20 of 49	E/291.7	63.8 / 0.08	Waste Management of Canada Corporation; Canada Bank Note<UNOFFICIAL> 145 Richmond Rd Ottawa ON K1Z 1A1	SPL
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Ref No: 3737-7F9MF8
Site No:
Incident Dt:
Year:
Incident Cause:
Incident Event:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Waste Disposal Site
Agency Involved:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Code:	27			Nearest Watercourse:	
Contaminant Name:	PAINT (OIL-BASED)			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:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	6/3/2008			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:				Source Type:	
Site Name:	Canada Bank Note<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Waste Mgmt: paint from garbage to parking lot. Cleaning.				
Contaminant Qty:	4 L				

111	21 of 49	E/291.7	63.8 / 0.08	145 Richmond Road Ottawa ON K1Z 1A1	EHS
Order No:	20090914013			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	9/18/2009			Search Radius (km):	0.25
Date Received:	9/14/2009			X:	-75.746256
Previous Site Name:				Y:	45.396393
Lot/Building Size:					
Additional Info Ordered:					

111	22 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY, LIMITED 145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	NPRI
NPRI ID:	10631			Org ID:	40894
Other ID:	Y			Submit Date:	5/29/2009
No Other ID:	2			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	67435			Contact ID:	158376
Report ID:	123728			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	HUTCHINSON
Report Year:	2008			Cont Last Name:	HOLTON
Not-Current Rpt?:	No			Contact Position:	PRESIDENT OF PAYMENT SYSTEM
Yr of Last Filed Rpt:	2014			Contact Fax:	6137226392
Fac ID:	224022			Contact Ph.:	6137223421
Fac Name:	CANADIAN BANK NOTE COMPANY, LIMITED RICHMOND DIVISION			Cont Area Code:	613
Fac Address1:	145 RICHMOND ROAD			Contact Tel.:	37223421
Fac Address2:	NOT AVAILABLE			Contact Ext.:	4419
Fac Postal Zip:	K1Z1A1			Cont Fax Area Cde:	613
Facility Lat:	45.3965			Contact Fax:	37226392
Facility Long:	-75.7463			Contact Email:	HHOLTON@CBNCO.COM
DLS (Last Filed Rpt):				Latitude:	45.3965
Facility DLS:				Longitude:	-75.7463
Datum:	1983			UTM Zone:	
Facility Cmnts:	No			UTM Northing:	
URL:	www.cbnco.com			UTM Easting:	
No of Empl.:	496			Waste Streams:	No
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pollut Prev Cmnts: No Stacks: No No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 32 NAICS 2 Description: Manufacturing NAICS Code (4 digit): 3231 NAICS 4 Description: Printing and related support activities NAICS Code (6 digit): 323119 NAICS 6 Description: Other printing				No Off Sites: Shutdown: No No of Shutdown:	
<u>Substance Release Report</u>					
Category Type ID: 13 Category Type Desc: All Media Category Type Desc (fr): Rejets à tous les médias Grouping: Total All Media<1t Trans Code: Chem: Chromium (and its compounds) Chem (fr): Chrome (et ses composés) Quantity: 0 Unit: tonnes Basis of Estimate Cd: Basis of Estimate Desc:					
Category Type ID: 2 Category Type Desc: Storage / Handling Category Type Desc (fr): Rejets de stockage ou manutention Grouping: Total Air Trans Code: VOCg Chem: Volatile Organic Compounds (VOCs) Chem (fr): Composés organiques volatils (COV) Quantity: 12.485 Unit: tonnes Basis of Estimate Cd: C Basis of Estimate Desc: C- Mass Balance					
Category Type ID: 1 Category Type Desc: Stack / Point Category Type Desc (fr): Rejets de cheminée ou ponctuels Grouping: Total Air Trans Code: ASta Chem: Volatile Organic Compounds (VOCs) Chem (fr): Composés organiques volatils (COV) Quantity: .068 Unit: tonnes Basis of Estimate Cd: E2 Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward					

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E/291.7

63.8 / 0.08

Pinchin Environmental Ltd.
 145 Richmond Rd
 Ottawa ON K1Z 1A1

SPL

Ref No: 2080-7WCRV6
Site No:
Incident Dt:
Year:
Incident Cause:
Incident Event:
Contaminant Code: 15
Contaminant Name: LUBRICATING OIL/GREASE

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Unknown
Agency Involved:
Nearest Watercourse:
Site Address:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 9/29/2009 Dt Document Closed: Incident Reason: Site Name: 145 Richmond Road Site County/District: Site Geo Ref Meth: Incident Summary: FOI request on Canadian Bank Note Contaminant Qty: 80 L				Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: NA Easting: NA Site Geo Ref Accu: Site Map Datum: SAC Action Class: Freedom of Information Requests (FOI) Source Type:	
111	24 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company, Limited 145 Richmond Road Ottawa K1Z 1A1 CITY OF OTTAWA ON	EBR
EBR Registry No: 011-0141 Ministry Ref No: 3342-85EPKF Notice Type: Instrument Decision Notice Stage: 803581904 Notice Date: April 03, 2013 Proposal Date: May 28, 2010 Year: 2010 Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air) Off Instrument Name: Posted By: Company Name: Canadian Bank Note Company, Limited Site Address: Location Other: Proponent Name: Proponent Address: 145 Richmond Road, Ottawa Ontario, Canada K1Z 1A1 Comment Period: URL:				Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:	
Site Location Details: 145 Richmond Road Ottawa K1Z 1A1 CITY OF OTTAWA					
111	25 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company, Limited 145 Richmond Road Ottawa ON K1Z 1A1	CA
Certificate #: 0052-6A6SDK Application Year: 2005 Issue Date: 6/11/2005 Approval Type: Air Status: Revoked and/or Replaced Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants:					

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

111	26 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company, Limited 145 Richmond Road Ottawa ON K1Z 1A1	CA
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Certificate #: 8637-6HZJ6S
Application Year: 2005
Issue Date: 11/17/2005
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

111	27 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY, LIMITED 145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	NPRI
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NPRI ID: 10631
Other ID: Y
No Other ID: 2
Track ID: 83467
Report ID: 137327
Report Type: NPRI
Rpt Type ID: 1
Report Year: 2009
Not-Current Rpt?: No
Yr of Last Filed Rpt: 2014
Fac ID: 224022
Fac Name: CANADIAN BANK NOTE COMPANY, LIMITED RICHMOND DIVISION
Fac Address1: 145 RICHMOND ROAD
Fac Address2: NOT AVAILABLE
Fac Postal Zip: K1Z1A1
Facility Lat: 45.3965
Facility Long: -75.7463
DLS (Last Filed Rpt):
Facility DLS:
Datum: 1983
Facility Cmnts: No
URL: www.cbnco.com
No of Empl.: 567
Parent Co.: N
No Parent Co.:
Pollut Prev Cmnts: No
Stacks: No
No of Stacks:
Canadian SIC Code (2 digit):
Canadian SIC Code:
SIC Code Description:
American SIC Code:
NAICS Code (2 digit): 32
NAICS 2 Description: Manufacturing
NAICS Code (4 digit): 3231
NAICS 4 Description: Printing and related support activities
NAICS Code (6 digit): 323119

Org ID: 40894
Submit Date: 5/21/2010
Last Modified: 5/29/2015 3:28:24 PM
Contact ID: 231800
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: 45.3965
Longitude: -75.7463
UTM Zone:
UTM Northing:
UTM Easting:
Waste Streams: No
No Streams:
Waste Off Sites: No
No Off Sites:
Shutdown: No
No of Shutdown:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS 6 Description:		Other printing			
<u>Substance Release Report</u>					
Category Type ID:	1				
Category Type Desc:	Stack / Point				
Category Type Desc (fr):	Rejets de cheminée ou ponctuels				
Grouping:	Total Air				
Trans Code:	ASta				
Chem:	Volatile Organic Compounds (VOCs)				
Chem (fr):	Composés organiques volatils (COV)				
Quantity:	.068				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				
Category Type ID:	2				
Category Type Desc:	Storage / Handling				
Category Type Desc (fr):	Rejets de stockage ou manutention				
Grouping:	Total Air				
Trans Code:	VOCg				
Chem:	Volatile Organic Compounds (VOCs)				
Chem (fr):	Composés organiques volatils (COV)				
Quantity:	10.823				
Unit:	tonnes				
Basis of Estimate Cd:	C				
Basis of Estimate Desc:	C- Mass Balance				
Category Type ID:	13				
Category Type Desc:	All Media				
Category Type Desc (fr):	Rejets à tous les médias				
Grouping:	Total All Media<1t				
Trans Code:					
Chem:	Chromium (and its compounds)				
Chem (fr):	Chrome (et ses composés)				
Quantity:	.000000022				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				

[111](#) 28 of 49 **E/291.7** **63.8 / 0.08** **CANADIAN BANK NOTE CO. LTD.** **145 RICHMOND ROAD NOT AVAILABLE** **OTTAWA ON K1Z1A1** **NPRI**

NPRI ID: 10631
Other ID: Y
No Other ID: 3
Track ID: 91932
Report ID: 145990
Report Type: NPRI
Rpt Type ID: 1
Report Year: 2010
Not-Current Rpt?: No
Yr of Last Filed Rpt: 2014
Fac ID: 224022
Fac Name: CANADIAN BANK NOTE COMPANY, LIMITED RICHMOND DIVISION
Fac Address1: 145 RICHMOND ROAD
Fac Address2: NOT AVAILABLE
Fac Postal Zip: K1Z1A1
Facility Lat: 45.3965
Facility Long: -75.7463
DLS (Last Filed Rpt):
Facility DLS:

Org ID: 40886
Submit Date: 6/13/2011
Last Modified: 5/29/2015 3:28:24 PM
Contact ID: 231800
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: 45.3965
Longitude: -75.7463

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Datum:	1983			UTM Zone:	
Facility Cmnts:	Yes			UTM Northing:	
URL:	www.cbnco.com			UTM Easting:	
No of Empl.:	560			Waste Streams:	No
Parent Co.:	*			No Streams:	
No Parent Co.:				Waste Off Sites:	No
Pollut Prev Cmnts:	No			No Off Sites:	
Stacks:	No			Shutdown:	No
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):	32				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3231				
NAICS 4 Description:	Printing and related support activities				
NAICS Code (6 digit):	323119				
NAICS 6 Description:	Other printing				
<u>Substance Release Report</u>					
Category Type ID:	1				
Category Type Desc:	Stack / Point				
Category Type Desc (fr):	Rejets de cheminée ou ponctuels				
Grouping:	Total Air				
Trans Code:	ASta				
Chem:	Hexavalent chromium (and its compounds)				
Chem (fr):	Chrome hexavalent (et ses composés)				
Quantity:	4.5				
Unit:	kg				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				
111	29 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON K1Z 1A1	GEN
Generator No:	ON0045200			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	323113, 323119				
SIC Description:	Commercial Screen Printing, Other Printing				
<u>Detail(s)</u>					
Waste Class:	265				
Waste Class Desc:	GRAPHIC ART WASTES				
Waste Class:	267				
Waste Class Desc:	ORGANIC ACIDS				
Waste Class:	268				
Waste Class Desc:	AMINES				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	135				
Waste Class Desc:	REACTIVE ANION WASTES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		131			
Waste Class Desc:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:		133			
Waste Class Desc:		BRINES, CHLOR-ALKALI WASTES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
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:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		114			
Waste Class Desc:		OTHER INORGANIC ACID WASTES			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			

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E/291.7

63.8 / 0.08

Canadian Bank Note Company, Limited
145 Richmond Rd
Ottawa ON K1Z 1A1

SPL

Ref No:

7376-8UXMEC

Discharger Report:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site No:				Material Group:	
Incident Dt:	04-JUN-12			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Other Discharges			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	12			Nearest Watercourse:	
Contaminant Name:	GASOLINE			Site Address:	145 Richmond Rd
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:	Sewage - Municipal/Private and Commercial			Site Conc:	
Receiving Env:				Northing:	NA
MOE Response:	No Field Response			Easting:	NA
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	04-JUN-12			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:	Negligence (Apparent) - Caused by lack of diligence			Source Type:	
Site Name:	145 Richmond Road				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Canadian Bank Note, 1/2-1L gasoline to gravel, clng				
Contaminant Qty:					

111	31 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE CO. LTD. 145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	NPRI
NPRI ID:	10631			Org ID:	102005
Other ID:				Submit Date:	12/21/2012
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	106462			Contact ID:	
Report ID:	1384			Cont Type:	
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	
Report Year:	2011			Cont Last Name:	
Not-Current Rpt?:	No			Contact Position:	
Yr of Last Filed Rpt:	2014			Contact Fax:	
Fac ID:	224022			Contact Ph.:	
Fac Name:	CANADIAN BANK NOTE COMPANY, LIMITED RICHMOND DIVISION			Cont Area Code:	
Fac Address1:	145 RICHMOND ROAD			Contact Tel.:	
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1Z1A1			Cont Fax Area Cde:	
Facility Lat:	45.3965			Contact Fax:	
Facility Long:	-75.7463			Contact Email:	
DLS (Last Filed Rpt):				Latitude:	45.3965
Facility DLS:				Longitude:	-75.7463
Datum:	1983			UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:	www.cbnco.com			UTM Easting:	
No of Empl.:	563			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):	32				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS 2 Description:		Manufacturing			
NAICS Code (4 digit):		3231			
NAICS 4 Description:		Printing and related support activities			
NAICS Code (6 digit):		323119			
NAICS 6 Description:		Other printing			
<u>Substance Release Report</u>					
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Hexavalent chromium (and its compounds)			
Chem (fr):		Chrome hexavalent (et ses composés)			
Quantity:		4.478			
Unit:		kg			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			

111	32 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON K1Z 1A1	GEN
Generator No:	ON0045200			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	323113, 323119				
SIC Description:	Commercial Screen Printing, Other Printing				

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	232
Waste Class Desc:	POLYMERIC RESINS
Waste Class:	265
Waste Class Desc:	GRAPHIC ART WASTES
Waste Class:	268
Waste Class Desc:	AMINES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS
Waste Class:	131
Waste Class Desc:	NEUTRALIZED WASTES - HEAVY METALS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		133			
Waste Class Desc:		BRINES, CHLOR-ALKALI WASTES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		135			
Waste Class Desc:		REACTIVE ANION WASTES			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		114			
Waste Class Desc:		OTHER INORGANIC ACID WASTES			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		243			
Waste Class Desc:		PCBS			
Waste Class:		267			
Waste Class Desc:		ORGANIC ACIDS			

111	33 of 49	<i>E/291.7</i>	<i>63.8 / 0.08</i>	CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON K1Z 1A1	GEN
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Generator No:	ON0045200	PO Box No:	
Status:		Country:	
Approval Years:	2011	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	323113, 323119		
SIC Description:	Commercial Screen Printing, Other Printing		

Detail(s)

Waste Class:	114
Waste Class Desc:	OTHER INORGANIC ACID WASTES
Waste Class:	145

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		135			
Waste Class Desc:		REACTIVE ANION WASTES			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		131			
Waste Class Desc:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		268			
Waste Class Desc:		AMINES			
Waste Class:		267			
Waste Class Desc:		ORGANIC ACIDS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		265			
Waste Class Desc:		GRAPHIC ART WASTES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		243			
Waste Class Desc:		PCBS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		133			
Waste Class Desc:		BRINES, CHLOR-ALKALI WASTES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			
Waste Class:		263			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			

111	34 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON K1Z 1A1	GEN
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Generator No:	ON0045200	PO Box No:
Status:		Country:
Approval Years:	2012	Choice of Contact:
Contam. Facility:		Co Admin:
MHSW Facility:		Phone No Admin:
SIC Code:	323113, 323119	
SIC Description:	Commercial Screen Printing, Other Printing	

Detail(s)

Waste Class:	265
Waste Class Desc:	GRAPHIC ART WASTES
Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES
Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	232
Waste Class Desc:	POLYMERIC RESINS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	114
Waste Class Desc:	OTHER INORGANIC ACID WASTES
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	262
Waste Class Desc:	DETERGENTS/SOAPS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		133			
Waste Class Desc:		BRINES, CHLOR-ALKALI WASTES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		131			
Waste Class Desc:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:		267			
Waste Class Desc:		ORGANIC ACIDS			
Waste Class:		135			
Waste Class Desc:		REACTIVE ANION WASTES			
Waste Class:		268			
Waste Class Desc:		AMINES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		243			
Waste Class Desc:		PCBS			

[111](#) 35 of 49 E/291.7 63.8 / 0.08 CANADIAN BANK NOTE CO. LTD. NPRI
145 RICHMOND ROAD NOT AVAILABLE
OTTAWA ON K1Z1A1

NPRI ID: 10631
Other ID:
No Other ID:
Track ID: 108932
Report ID: 13647
Report Type: NPRI
Rpt Type ID: 1
Report Year: 2012
Not-Current Rpt?: No
Yr of Last Filed Rpt: 2014
Fac ID: 224022
Fac Name: CANADIAN BANK NOTE COMPANY, LIMITED RICHMOND DIVISION
Fac Address1: 145 RICHMOND ROAD
Fac Address2: NOT AVAILABLE
Fac Postal Zip: K1Z1A1
Facility Lat: 45.3965
Facility Long: -75.7463
DLS (Last Filed Rpt):
Facility DLS:
Datum: 1983
Facility Cmnts:
URL: www.cbnco.com
No of Empl.: 710
Parent Co.:
No Parent Co.:
Pollut Prev Cmnts:
Stacks:
No of Stacks:
Canadian SIC Code (2 digit):
Canadian SIC Code:

Org ID: 102005
Submit Date: 5/17/2013
Last Modified: 5/29/2015 3:28:24 PM
Contact ID: 231800
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: 45.3965
Longitude: -75.7463
UTM Zone:
UTM Northing:
UTM Easting:
Waste Streams:
No Streams:
Waste Off Sites:
No Off Sites:
Shutdown:
No of Shutdown:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):		32			
NAICS 2 Description:		Manufacturing			
NAICS Code (4 digit):		3231			
NAICS 4 Description:		Printing and related support activities			
NAICS Code (6 digit):		323119			
NAICS 6 Description:		Other printing			
<u>Substance Release Report</u>					
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Hexavalent chromium (and its compounds)			
Chem (fr):		Chrome hexavalent (et ses composés)			
Quantity:		4.478			
Unit:		kg			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			

111	36 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON	GEN
Generator No:	ON0045200			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	323113, 323119				
SIC Description:	COMMERCIAL SCREEN PRINTING, OTHER PRINTING				

<u>Detail(s)</u>					
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	232				
Waste Class Desc:	POLYMERIC RESINS				
Waste Class:	243				
Waste Class Desc:	PCBS				
Waste Class:	131				
Waste Class Desc:	NEUTRALIZED WASTES - HEAVY METALS				
Waste Class:	135				
Waste Class Desc:	REACTIVE ANION WASTES				
Waste Class:	265				
Waste Class Desc:	GRAPHIC ART WASTES				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	267				
Waste Class Desc:	ORGANIC ACIDS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		133			
Waste Class Desc:		BRINES, CHLOR-ALKALI WASTES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		114			
Waste Class Desc:		OTHER INORGANIC ACID WASTES			
Waste Class:		268			
Waste Class Desc:		AMINES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			

[111](#) 37 of 49 E/291.7 63.8 / 0.08 **CANADIAN BANK NOTE CO. LTD.**
145 RICHMOND ROAD NOT AVAILABLE
OTTAWA ON K1Z1A1 **NPRI**

NPRI ID:	10631	Org ID:	102005
Other ID:		Submit Date:	5/30/2014
No Other ID:		Last Modified:	5/29/2015 3:28:24 PM
Track ID:	115321	Contact ID:	231800
Report ID:	28848	Cont Type:	MED
Report Type:	NPRI	Contact Title:	
Rpt Type ID:	1	Cont First Name:	
Report Year:	2013	Cont Last Name:	
Not-Current Rpt?:	No	Contact Position:	
Yr of Last Filed Rpt:	2014	Contact Fax:	
Fac ID:	224022	Contact Ph.:	
Fac Name:	CANADIAN BANK NOTE COMPANY,	Cont Area Code:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Fac Address1: Fac Address2: Fac Postal Zip: Facility Lat: Facility Long: DLS (Last Filed Rpt): Facility DLS: Datum: Facility Cmnts: URL: No of Empl.: Parent Co.: No Parent Co.: Pollut Prev Cmnts: Stacks: No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): NAICS 2 Description: NAICS Code (4 digit): NAICS 4 Description: NAICS Code (6 digit): NAICS 6 Description:	LIMITED RICHMOND DIVISION 145 RICHMOND ROAD NOT AVAILABLE K1Z1A1 45.3965 -75.7463 1983 www.cbnco.com 710 			Contact Tel.: Contact Ext.: Cont Fax Area Cde: Contact Fax: Contact Email: Latitude: Longitude: UTM Zone: UTM Northing: UTM Easting: Waste Streams: No Streams: Waste Off Sites: No Off Sites: Shutdown: No of Shutdown:		
<u>Substance Release Report</u>						
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:	1 Stack / Point Rejets de cheminée ou ponctuels Total Air AStA Hexavalent chromium (and its compounds) Chrome hexavalent (et ses composés) 4.478 kg E2 E2- Published Emission Factors - In use from 2003 and onward					
111	38 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE CO. LTD. 145 RICHMOND ROAD NOT AVAILABLE OTTAWA ON K1Z1A1	NPRI	
NPRI ID: Other ID: No Other ID: Track ID: Report ID: Report Type: Rpt Type ID: Report Year: Not-Current Rpt?: Yr of Last Filed Rpt: Fac ID: Fac Name: Fac Address1: Fac Address2: Fac Postal Zip: Facility Lat: Facility Long:	10631 126280 48057 NPRI 1 2014 No 2014 224022 CANADIAN BANK NOTE COMPANY, LIMITED RICHMOND DIVISION 145 RICHMOND ROAD NOT AVAILABLE K1Z1A1 45.3965 -75.7463			Org ID: Submit Date: Last Modified: Contact ID: Cont Type: 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:	102005 5/20/2015 6/10/2015 10:59:04 AM 231800 MEM 	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DLS (Last Filed Rpt):				Latitude:	45.3965
Facility DLS:				Longitude:	-75.7463
Datum:	1983			UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:	www.cbnco.com			UTM Easting:	
No of Empl.:	594			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):				32	
NAICS 2 Description:				Manufacturing	
NAICS Code (4 digit):				3231	
NAICS 4 Description:				Printing and related support activities	
NAICS Code (6 digit):				323119	
NAICS 6 Description:				Other printing	
<u>Substance Release Report</u>					
Category Type ID:				1	
Category Type Desc:				Stack / Point	
Category Type Desc (fr):				Rejets de cheminée ou ponctuels	
Grouping:				Total Air	
Trans Code:				ASta	
Chem:				Hexavalent chromium (and its compounds)	
Chem (fr):				Chrome hexavalent (et ses composés)	
Quantity:				4.478	
Unit:				kg	
Basis of Estimate Cd:				E2	
Basis of Estimate Desc:				E2- Published Emission Factors - In use from 2003 and onward	

[111](#) 39 of 49 **E/291.7** **63.8 / 0.08** **Canadian Bank Note Company, Limited** **SPL**
145 Richmond Rd
Ottawa ON K1Z 1A1

Ref No: 4752-AB9MA5
Site No: 6524-5MXJBZ
Incident Dt: 2016/06/25
Year:
Incident Cause:
Incident Event: Fire/Explosion
Contaminant Code: 31
Contaminant Name: SMOKE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air; Land
MOE Response: Yes
Dt MOE Arvl on Scn: 2016/06/27
MOE Reported Dt: 2016/06/25
Dt Document Closed:
Incident Reason: Equipment Failure
Site Name: 145 Richmond Road
Site County/District:
Site Geo Ref Meth: NA
Incident Summary: Canadian Banknote: fire, smoke and particulate.

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: 145 Richmond Rd
Site District Office:
Site Postal Code: K1Z 1A1
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: NA
Easting: NA
Site Geo Ref Accu: NA
Site Map Datum: NA
SAC Action Class: Air Spills - Fires
Source Type:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Qty:		1 other - see incident description			
111	40 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company, Limited 145 Richmond Road Ottawa ON K1Z 1A1	ECA
Approval No:	8637-6HZJ6S	MOE District:	Ottawa		
Approval Date:	2005-11-17	City:	Ottawa		
Status:	Revoked and/or Replaced	Longitude:	-75.74602		
Record Type:	ECA	Latitude:	45.396477		
Link Source:	IDS	Geometry X:			
SWP Area Name:	Rideau Valley	Geometry Y:			
Approval Type:	ECA-AIR				
Project Type:	AIR				
Address:	145 Richmond Road				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3700-6HSTK8-14.pdf				
111	41 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company, Limited 145 Richmond Rd Ottawa ON K1Z 1A1	ECA
Approval No:	8867-8S4MQV	MOE District:	Ottawa		
Approval Date:	2013-03-28	City:	Ottawa		
Status:	Approved	Longitude:	-75.74602		
Record Type:	ECA	Latitude:	45.396477		
Link Source:	IDS	Geometry X:			
SWP Area Name:	Rideau Valley	Geometry Y:			
Approval Type:	ECA-AIR				
Project Type:	AIR				
Address:	145 Richmond Rd				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3342-85EPKF-14.pdf				
111	42 of 49	E/291.7	63.8 / 0.08	Canadian Bank Note Company, Limited 145 Richmond Road Ottawa ON K1Z 1A1	ECA
Approval No:	0052-6A6SDK	MOE District:	Ottawa		
Approval Date:	2005-06-11	City:	Ottawa		
Status:	Revoked and/or Replaced	Longitude:	-75.74602		
Record Type:	ECA	Latitude:	45.396477		
Link Source:	IDS	Geometry X:			
SWP Area Name:	Rideau Valley	Geometry Y:			
Approval Type:	ECA-AIR				
Project Type:	AIR				
Address:	145 Richmond Road				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8151-65BRAT-14.pdf				
111	43 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON k1z 1a1	GEN
Generator No:	ON0045200	PO Box No:			
Status:		Country:	Canada		
Approval Years:	2016	Choice of Contact:	CO_OFFICIAL		
Contam. Facility:	No	Co Admin:			
MHSW Facility:	No	Phone No Admin:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code:	323113, 323119				
SIC Description:		COMMERCIAL SCREEN PRINTING, OTHER PRINTING			
<u>Detail(s)</u>					
Waste Class:		135			
Waste Class Desc:		REACTIVE ANION WASTES			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		131			
Waste Class Desc:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		133			
Waste Class Desc:		BRINES, CHLOR-ALKALI WASTES			
Waste Class:		114			
Waste Class Desc:		OTHER INORGANIC ACID WASTES			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		243			
Waste Class Desc:		PCBS			
Waste Class:		268			
Waste Class Desc:		AMINES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		265			
Waste Class Desc:		GRAPHIC ART WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		267			
Waste Class Desc:		ORGANIC ACIDS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			

111	44 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON k1z 1a1	GEN
Generator No:	ON0045200			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:	323113, 323119				
SIC Description:	COMMERCIAL SCREEN PRINTING, OTHER PRINTING				

Detail(s)

Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS
Waste Class:	243
Waste Class Desc:	PCBS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	133
Waste Class Desc:	BRINES, CHLOR-ALKALI WASTES
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	131
Waste Class Desc:	NEUTRALIZED WASTES - HEAVY METALS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		114			
Waste Class Desc:		OTHER INORGANIC ACID WASTES			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		135			
Waste Class Desc:		REACTIVE ANION WASTES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		268			
Waste Class Desc:		AMINES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		265			
Waste Class Desc:		GRAPHIC ART WASTES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		267			
Waste Class Desc:		ORGANIC ACIDS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			

111	45 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON k1z 1a1	GEN
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Generator No:	ON0045200	PO Box No:	
Status:		Country:	Canada
Approval Years:	2014	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	
MHSW Facility:	No	Phone No Admin:	
SIC Code:	323113, 323119		
SIC Description:	COMMERCIAL SCREEN PRINTING, OTHER PRINTING		

Detail(s)

Waste Class:	135
Waste Class Desc:	REACTIVE ANION WASTES
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	131

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		268			
Waste Class Desc:		AMINES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		114			
Waste Class Desc:		OTHER INORGANIC ACID WASTES			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		243			
Waste Class Desc:		PCBS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		267			
Waste Class Desc:		ORGANIC ACIDS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		265			
Waste Class Desc:		GRAPHIC ART WASTES			
Waste Class:		133			
Waste Class Desc:		BRINES, CHLOR-ALKALI WASTES			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
111	46 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON k1z 1a1	GEN

Generator No:	ON0045200	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Dec 2018	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	112 B
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	121 B
Waste Class Desc:	Alkaline slutions - containing heavy metals
Waste Class:	122 L
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	131 L
Waste Class Desc:	Neutralized solutions - containing heavy metals
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	145 L
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	146 B
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	146 L
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:	148 B
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	148 I
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	150 L
Waste Class Desc:	Inert organic wastes
Waste Class:	212 B
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	212 I
Waste Class Desc:	Aliphatic solvents and residues

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Class:</i> <i>Waste Class Desc:</i>		212 L Aliphatic solvents and residues			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		213 I Petroleum distillates			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		232 I Polymeric resins			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		232 L Polymeric resins			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		241 H Halogenated solvents and residues			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		243 D PCB			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		251 L Waste oils/sludges (petroleum based)			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		252 L Waste crankcase oils and lubricants			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		253 L Emulsified oils			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		262 L Detergents and soaps			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		263 B Misc. waste organic chemicals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		263 I Misc. waste organic chemicals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		263 L Misc. waste organic chemicals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		264 T Photoprocessing wastes			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		265 C Graphic arts wastes			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		265 L Graphic arts wastes			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		267 B Organic acids			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		331 I Waste compressed gases including cylinders			

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E/291.7

63.8 / 0.08

Canadian Bank Note Co. Ltd.
145 RICHMOND ROAD NOT AVAILABLE
OTTAWA ON K1Z1A1

NPRI

NPRI ID: 10631
Other ID:
No Other ID:
Track ID: 135707
Report ID: 68206
Report Type: NPRI
Rpt Type ID: 1

Org ID: 105629
Submit Date: 5/31/2016
Last Modified: 11/18/2016 8:28:05 AM
Contact ID: 239056
Cont Type: MEM
Contact Title:
Cont First Name: Gordon

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Year:	2015			Cont Last Name: McKechnie	
Not-Current Rpt?:	No			Contact Position: Vice-President Corporate Affairs	
Yr of Last Filed Rpt:	2014			Contact Fax: 6137223334	
Fac ID:	224022			Contact Ph.: 6137223421	
Fac Name:	CANADIAN BANK NOTE COMPANY, LIMITED RICHMOND DIVISION			Cont Area Code: 613	
Fac Address1:	145 RICHMOND ROAD			Contact Tel.: 37223421	
Fac Address2:	NOT AVAILABLE			Contact Ext.: 1128	
Fac Postal Zip:	K1Z1A1			Cont Fax Area Cde: 613	
Facility Lat:	45.3965			Contact Fax: 37223334	
Facility Long:	-75.7463			Contact Email: gmckechn@cbnco.com	
DLS (Last Filed Rpt):				Latitude: 45.3965	
Facility DLS:				Longitude: -75.7463	
Datum:	1983			UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	557			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):	32				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3231				
NAICS 4 Description:	Printing and related support activities				
NAICS Code (6 digit):	323119				
NAICS 6 Description:	Other printing				
<u>Substance Release Report</u>					
Category Type ID:	1				
Category Type Desc:	Stack / Point				
Category Type Desc (fr):	Rejets de cheminée ou ponctuels				
Grouping:	Total Air				
Trans Code:	ASta				
Chem:					
Chem (fr):					
Quantity:	4.478				
Unit:	kg				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				

111	48 of 49	E/291.7	63.8 / 0.08	CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON k1z 1a1	GEN
Generator No:	ON0045200			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Detail(s)

Waste Class: 146 L
Waste Class Desc: Other specified inorganic sludges, slurries or solids

<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>
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		148 B			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		263 B			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		146 B			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		233 L			
Waste Class Desc:		Other polymeric wastes			
Waste Class:		262 L			
Waste Class Desc:		Detergents and soaps			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		131 L			
Waste Class Desc:		Neutralized solutions - containing heavy metals			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		267 B			
Waste Class Desc:		Organic acids			
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		121 B			
Waste Class Desc:		Alkaline slutions - containing heavy metals			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		112 B			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		265 L			
Waste Class Desc:		Graphic arts wastes			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		241 H			
Waste Class Desc:		Halogenated solvents and residues			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		232 I			
Waste Class Desc:		Polymeric resins			
Waste Class:		243 D			
Waste Class Desc:		PCB			
Waste Class:		253 L			
Waste Class Desc:		Emulsified oils			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		150 L			
Waste Class Desc:		Inert organic wastes			
Waste Class:		113 C			
Waste Class Desc:		Acid solutions - containing other metals and non-metals			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		265 C			
Waste Class Desc:		Graphic arts wastes			
Waste Class:		122 L			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		212 B			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		232 L			
Waste Class Desc:		Polymeric resins			
Waste Class:		264 T			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			

[111](#) 49 of 49 *E/291.7* 63.8 / 0.08 145 Richmond Road
Ottawa ON K1Z 1A1 **EHS**

Order No:	20190905071	Nearest Intersection:	
Status:	C	Municipality:	Ottawa
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	11-SEP-19	Search Radius (km):	.25
Date Received:	05-SEP-19	X:	-75.746209
Previous Site Name:		Y:	45.396402
Lot/Building Size:	6 acres		
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

[112](#) 1 of 1 *WSW/298.6* 64.9 / 1.15 2070 Scott Street
Ottawa ON K1Z 6S9 **SPL**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ref No:	1804-8TFQMX			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	17-APR-12			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Discharge Or Bypass To A Watercourse			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	46			Nearest Watercourse:	
Contaminant Name:	USED MOTOR OIL			Site Address:	2070 Scott Street
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Confirmed			Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination; Surface Water Pollution			Site Lot:	
Receiving Medium:	Sewage - Municipal/Private and Commercial			Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	17-APR-12			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Watercourse Spills
Incident Reason:	Spill			Source Type:	
Site Name:	Bob Peters Garage<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Bob Peter's Garage: 136 L used mtr oil. CB's impctd				
Contaminant Qty:					

[113](#) 1 of 1 **NNE/278.8** **59.8 / -3.90** **Ottawa ON** **WWIS**

Well ID:	7265948	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring and Test Hole	Date Received:	7/4/2016
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z229830	Owner:	
Tag:	A190916	Street Name:	160 LANARK AVENUE
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006097535	Elevation:	60.336597
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441305
Code OB Desc:		North83:	5027564
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	6/9/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			

Location Source Date:
 Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006128605
 Layer: 3
 Color: 6
 General Color: BROWN
 Mat1: 06
 Most Common Material: SILT
 Mat2:
 Other Materials:
 Mat3: 79
 Other Materials: PACKED
 Formation Top Depth: 2.13
 Formation End Depth: 2.44
 Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006128606
 Layer: 4
 Color: 2
 General Color: GREY
 Mat1: 15
 Most Common Material: LIMESTONE
 Mat2:
 Other Materials:
 Mat3: 79
 Other Materials: PACKED
 Formation Top Depth: 2.44
 Formation End Depth: 5.79
 Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006128604
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 28
 Most Common Material: SAND
 Mat2:
 Other Materials:
 Mat3: 85
 Other Materials: SOFT
 Formation Top Depth: 1.22
 Formation End Depth: 2.13
 Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006128603
 Layer: 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		01			
Other Materials:		FILL			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		1.22			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128617			
Layer:		3			
Plug From:		2.44			
Plug To:		5.79			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128615			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128616			
Layer:		2			
Plug From:		0.31			
Plug To:		2.44			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006128602			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006128610			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		2.74			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

Construction Record - Screen

Screen ID:	1006128611
Layer:	1
Slot:	10
Screen Top Depth:	2.74
Screen End Depth:	5.29
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Hole ID:	1006128607
Diameter:	11.43
Depth From:	0
Depth To:	2.44
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1006128608
Diameter:	7.62
Depth From:	2.44
Depth To:	5.79
Hole Depth UOM:	m
Hole Diameter UOM:	cm

114	1 of 1	N/283.0	59.8 / -3.97	OTTAWA ON	WWIS
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Well ID:	7290749	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	7/24/2017
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	1558
Casing Material:		Form Version:	7
Audit No:	Z256709	Owner:	
Tag:	A155785	Street Name:	160 LANARK AVENUE
Construction Method:		County:	OTTAWA-CARLETON
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:			

Bore Hole Information

Bore Hole ID:	1006640184	Elevation:	59.748878
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 5/5/2017 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevrc: Zone: 18 East83: 441276 North83: 5027574 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006730643			
Layer:		1			
Plug From:		7.92			
Plug To:		0			
Plug Depth UOM:		m			
<u>Pipe Information</u>					
Pipe ID:		1006730636			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006730640			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006730641			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Hole Diameter</u>					
Hole ID:		1006730638			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		cm			
115	1 of 1	W/287.4	61.9 / -1.87	320 Bloomfield Ave Ottawa ON K1Z6S6	EHS
Order No:	20140904021			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	10-SEP-14			Search Radius (km):	.25
Date Received:	04-SEP-14			X:	-75.755052
Previous Site Name:				Y:	45.396694
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				
116	1 of 1	WNW/287.8	61.9 / -1.80	Falsetto Homes Inc. 283 Lanark Ave Ottawa ON K2G 1V2	ECA
Approval No:	3928-94HKJF			MOE District:	
Approval Date:	2013-02-15			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	283 Lanark Ave				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8845-94FLBF-14.pdf				
117	1 of 1	ESE/282.1	65.8 / 2.11	Essiac Canada Intl Inc. 164 Richmond Rd Ottawa ON K1Z 6W2	SCT
Established:					
Plant Size (ft²):					
Employment:					
--Details--					
Description:	Pharmaceutical and Medicine Manufacturing				
SIC/NAICS Code:	325410				
118	1 of 1	SSW/296.7	67.9 / 4.20	ON	WWIS
Well ID:	7224473			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	7/24/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	6964
Casing Material:				Form Version:	8
Audit No:	C22339			Owner:	
Tag:	A147227			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1004963049
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 5/12/2014
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 66.485649
Elevrc:
Zone: 18
East83: 441131
North83: 5026894
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

119	1 of 1	S/284.0	68.9 / 5.17	8596239 Canada Inc.<UNOFFICIAL> 400 Athlone Ave Ottawa ON	SPL
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Ref No: 7053-9DKMY8
Site No:
Incident Dt: 2013/11/14
Year:
Incident Cause: Vandalism
Incident Event:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium:
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2013/11/18
Dt Document Closed:
Incident Reason: Deliberate Act
Site Name: construction site<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: 400 Athlone Ave: excavator fire, fuel & operating fluids
Contaminant Qty: 0 other - see incident description

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Motor Vehicle
Agency Involved:
Nearest Watercourse:
Site Address: 400 Athlone Ave
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: Land Spills
Source Type:

120	1 of 6	W/298.7	62.7 / -1.05	City of Ottawa 320 Bloomfield Ave Lot 23 to 39, Concession Plan 54 "A" (Ottawa Front) Township of Nepean Ottawa ON K2G 6J8	ECA
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Approval No: 0737-ABCT6E
Approval Date: 2016-07-13

MOE District:
City:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: 320 Bloomfield Ave Lot 23 to 39, Concession Plan 54 "A" (Ottawa Front) Township of Nepean Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8446-A63KA6-14.pdf					
120	2 of 6	W/298.7	62.7 / -1.05	Corporation City of Ottawa 320 Bloomfield Avenue Ottawa ON K1Z 6S6	GEN
Generator No: ON3028434 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 913150 SIC Description: 913150 PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Randy Villeneuve Phone No Admin: 613-580-2424 Ext.12085					
Detail(s)					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					
120	3 of 6	W/298.7	62.7 / -1.05	Corporation City of Ottawa 320 Bloomfield Avenue Ottawa ON K1Z 6S6	GEN
Generator No: ON3028434 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 913150 SIC Description: 913150 PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Randy Villeneuve Phone No Admin: 613-580-2424 Ext.12085					
Detail(s)					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					
120	4 of 6	W/298.7	62.7 / -1.05	Corporation City of Ottawa 320 Bloomfield Avenue Ottawa ON K1Z 6S6	GEN
Generator No: ON3028434 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 913150 SIC Description: 913150 PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Randy Villeneuve Phone No Admin: 613-580-2424 Ext.12085					
Detail(s)					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
120	5 of 6	W/298.7	62.7 / -1.05	Corporation City of Ottawa PBGOM 320 Bloomfield Avenue Ottawa ON K1Z 6S6	GEN
Generator No:	ON3028434			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
120	6 of 6	W/298.7	62.7 / -1.05	Corporation City of Ottawa PBGOM 320 Bloomfield Avenue Ottawa ON K1Z 6S6	GEN
Generator No:	ON3028434			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
121	1 of 2	SSE/275.2	68.5 / 4.81	Enbridge Gas Distribution Inc. 415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SPL
Ref No:	7033-8A2TBE			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Discharge or Emission to Air			Sector Type:	Pipeline
Incident Event:				Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			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:	
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	Referral to others			Easting:	
Dt MOE Arvl on Scrn:				Site Geo Ref Accu:	
MOE Reported Dt:	10/8/2010			Site Map Datum:	
Dt Document Closed:	10/13/2010			SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Error- Operator error			Source Type:	
Site Name:	415 Tweedsmuir Avenue<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Summary:		TSSA: nat'l gas to atm, service line strike by contractor.			
Contaminant Qty:		0 other - see incident description			

121	2 of 2	SSE/275.2	68.5 / 4.81	415 Tweedsmuir Avenue, Ottawa ON K1Z 5N6	INC
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Incident No: 465638
Incident ID: 2617516
Attribute Category: FS-Incident
Status Code: Causal Analysis Complete
Incident Location: 415 Tweedsmuir Avenue, Ottawa - 1" Pipeline Hit
Drainage System:
Sub Surface Contam.:
Aff. Prop. Use Water:
Contam. Migrated:
Contact Natural Env.:
Near Body of Water:
Approx. Quant. Rel.:
Equipment Model:
Serial No:
Residential App. Type:
Commercial App. Type:
Industrial App. Type:
Institutional App. Type:
Venting Type:
Vent Connector Mater:
Vent Chimney Mater:
Pipeline Type: Service / Riser Distribution Pipeline
Pipeline Involved:
Pipe Material: Steel
Depth Ground Cover: 0.5
Regulator Location: Outside
Regulator Type: Service Regulator (up to 60 psi intake)
Operation Pressure: 65
Liquid Prop Make:
Liquid Prop Model:
Liquid Prop Serial No:
Equipment Type:
Cylinder Capacity:
Cylinder Capac. Units:
Cylinder Material Type:
Tank Capacity:
Fuels Occurrence Type:
Fuel Type Involved:
Date of Occurrence:
Time of Occurrence:
Occur Insp Start Date:
Any Health Impact:
Any Environmental Impact:
Was Service Interrupted:
Was Property Damaged:
Operation Type Involved:
Enforcement Policy:
Prc Escalation Required:
Task No:
Notes:
Occurrence Narrative:
Tank Material Type:
Tank Storage Type:
Tank Location Type:
Pump Flow Rate Capac:
Liquid Prop Notes:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
122	1 of 4	W/299.6	62.7 / -1.05	OTTAWA, CITY OF-OPERATIONS BRANCH CITY OF OTTAWA WORKS YARD 320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	GEN
Generator No:	ON0136202			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:	4591				
SIC Description:	HIGHWAY, ETC. IND.				
<u>Detail(s)</u>					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
122	2 of 4	W/299.6	62.7 / -1.05	OTTAWA, CITY OF-OPERATIONS BRANCH 29-164 CITY OF OTTAWA WORKS YARD 320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	GEN
Generator No:	ON0136202			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	4591				
SIC Description:	HIGHWAY, ETC. IND.				
<u>Detail(s)</u>					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
122	3 of 4	W/299.6	62.7 / -1.05	OTTAWA, CITY OF 320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	GEN
Generator No:	ON0136213			PO Box No:	
Status:				Country:	
Approval Years:	88			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	0000				
SIC Description:	*** NOT DEFINED ***				
122	4 of 4	W/299.6	62.7 / -1.05	OTTAWA(SEE & USE ON0136202) 320 BLOOMFIELD AVENUE OTTAWA ON K1Z 6S6	GEN
Generator No:	ON0136213			PO Box No:	
Status:				Country:	
Approval Years:	89,90,92,93,94			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	0000				
SIC Description:	*** NOT DEFINED ***				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
123	1 of 12	NW/299.5	60.9 / -2.79	OTTAWA (SEE&USE ON1285702) ECOLE S. CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	GEN
Generator No:	ON0375221			PO Box No:	
Status:				Country:	
Approval Years:	98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
123	2 of 12	NW/299.5	60.9 / -2.79	CONSEIL SCOLAIRE DE LANGUE FRANCAISE ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	GEN
Generator No:	ON1285702			PO Box No:	
Status:				Country:	
Approval Years:	92,93,97,98,99,00			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:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
123	3 of 12	NW/299.5	60.9 / -2.79	C.S.D.L.F.D'.O.-C.1420 PLACE BLAIR29-497 ECOLE/BUREAU DES SERVICES DE TRANSPORT CHAMPLAIN, 281 AVE LANARK OTTAWA ON K1Z 6R8	GEN
Generator No:	ON1285702			PO Box No:	
Status:				Country:	
Approval Years:	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:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				

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

123	4 of 12	NW/299.5	60.9 / -2.79	CONSEIL (OUT OF BUSINESS)E FRANCAISE ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	GEN
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Generator No:	ON1285702	PO Box No:	
Status:		Country:	
Approval Years:	01	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: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

123	5 of 12	NW/299.5	60.9 / -2.79	Province of Ontario 281 Lanark Ave. Ottawa ON K1Z 6R8	GEN
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Generator No:	ON1466775	PO Box No:	
Status:		Country:	
Approval Years:	02,03,04	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

123	6 of 12	NW/299.5	60.9 / -2.79	281 Lanark Avenue Ottawa ON K1Z 6R8	EHS
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Order No:	20080610031	Nearest Intersection:	
Status:	C	Municipality:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Type: Complete Report Report Date: 6/19/2008 Date Received: 6/10/2008 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps And /or Site Plans; Title Search					
Client Prov/State: ON Search Radius (km): 0.25 X: -75.754029 Y: 45.398901					
123	7 of 12	NW/299.5	60.9 / -2.79	JULES L+GER CENTRE 281 LANARK AVENUE OTTAWA ON K1Z 6R8	GEN
Generator No: ON6547577 Status: Approval Years: 2009 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: 145 Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES Waste Class: 146 Waste Class Desc: OTHER SPECIFIED INORGANICS					
123	8 of 12	NW/299.5	60.9 / -2.79	CBRE <UNOFFICIAL> 281 Lanark Avenue Ottawa ON K1Z 6R8	SPL
Ref No: 8068-8QERP4 Site No: Incident Dt: 11-JAN-12 Year: Incident Cause: Other Discharges Incident Event: Contaminant Code: 15 Contaminant Name: HYDRAULIC OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Receiving Medium: Sewage - Municipal/Private and Commercial Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 11-JAN-12 Dt Document Closed: Incident Reason: Spill Site Name: 281 Lanark Avenue<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: CBRE: 50L hydraulic oil to bldg, drain and sump pit Contaminant Qty:					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Other Agency Involved: Nearest Watercourse: Site Address: 281 Lanark Avenue Site District Office: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Primary Assessment of Spills Source Type:					
123	9 of 12	NW/299.5	60.9 / -2.79	CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD. 281 LANARK AVENUE	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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OTTAWA ON K1Z 6R8

Generator No: ON8282465
Status:
Approval Years: 2010
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: 331
Waste Class Desc: WASTE COMPRESSED GASES
Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES
Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS
Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

[123](#) 10 of 12 **NW/299.5** **60.9 / -2.79** **CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD.** **GEN**
 281 LANARK AVENUE
 OTTAWA ON K1Z 6R8

Generator No: ON8282465
Status:
Approval Years: 2011
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: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES
Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS
Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS
Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

[123](#) 11 of 12 **NW/299.5** **60.9 / -2.79** **281 Lanark Ave** **EHS**
 Ottawa ON K1Z6R8

Order No: 20160623049
Status: C
Report Type: RSC Report - Quote
Report Date: 30-JUN-16
Date Received: 23-JUN-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .3
X: -75.754155
Y: 45.399367

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
123	12 of 12	NW/299.5	60.9 / -2.79	281 Lanark Ave Ottawa ON	SPL
Ref No:	2653-AAVN9F			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2016/06/13			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Unknown / N/A
Incident Event:	Unknown / N/A			Agency Involved:	
Contaminant Code:	n/a			Nearest Watercourse:	
Contaminant Name:	REFRIGERANT GAS R12			Site Address:	281 Lanark Ave
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2016/06/13			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Unknown / N/A			Source Type:	
Site Name:	Ontario Realty Corp<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	24lbs R22 to atm from rooftop unit				
Contaminant Qty:	0 other - see incident description				
124	1 of 9	NNW/297.8	59.9 / -3.84	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2	GEN
Generator No:	ON7720144			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	532310				
SIC Description:					
124	2 of 9	NNW/297.8	59.9 / -3.84	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2	GEN
Generator No:	ON7720144			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	532310				
SIC Description:	General Rental Centres				
124	3 of 9	NNW/297.8	59.9 / -3.84	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON	GEN
Generator No:	ON7720144			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	532310	GENERAL RENTAL CENTRES		Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class Desc:	241	HALOGENATED SOLVENTS			
Waste Class: Waste Class Desc:	221	LIGHT FUELS			
Waste Class: Waste Class Desc:	251	OIL SKIMMINGS & SLUDGES			

124	4 of 9	NNW/297.8	59.9 / -3.84	200 Clearview Ave 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:	4613-AG5STY NA 2016/11/28 Leak/Break 38 REFRIGERANT GAS, N.O.S. Air No 2016/11/28 Material Failure - Poor Design/Substandard Material	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Unknown / N/A Agency Involved: Nearest Watercourse: Site Address: 200 Clearview Ave 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: Air Spills - Gases and Vapours Source Type:			
Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	Residential apartment building<UNOFFICIAL> ITP Investments 192.8 kg R134 to atm 192.8 kg				

124	5 of 9	NNW/297.8	59.9 / -3.84	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON7720144 2016 No No 532310 GENERAL RENTAL CENTRES			PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Alana Bidgood Phone No Admin: 6137294347 Ext.	
Detail(s)					
Waste Class: Waste Class Desc:	251	OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Waste Class: 241 Waste Class Desc: HALOGENATED SOLVENTS Waste Class: 221 Waste Class Desc: LIGHT FUELS	
124	6 of 9	NNW/297.8	59.9 / -3.84	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2	GEN
				Generator No: ON7720144 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 532310 SIC Description: GENERAL RENTAL CENTRES PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Alana Bidgood Phone No Admin: 6137294347 Ext.	
				Detail(s)	
				Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES Waste Class: 241 Waste Class Desc: HALOGENATED SOLVENTS Waste Class: 221 Waste Class Desc: LIGHT FUELS	
124	7 of 9	NNW/297.8	59.9 / -3.84	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2	GEN
				Generator No: ON7720144 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 532310 SIC Description: GENERAL RENTAL CENTRES PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Alana Bidgood Phone No Admin: 6137294347 Ext.	
				Detail(s)	
				Waste Class: 221 Waste Class Desc: LIGHT FUELS Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES Waste Class: 241 Waste Class Desc: HALOGENATED SOLVENTS	
124	8 of 9	NNW/297.8	59.9 / -3.84	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2	GEN
				Generator No: ON7720144 Status: Registered Approval Years: As of Dec 2018 Contam. Facility: MHSW Facility: PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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SIC Code:
SIC Description:

Detail(s)

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 221 L
Waste Class Desc: Light fuels

Waste Class: 241 H
Waste Class Desc: Halogenated solvents and residues

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

124	9 of 9	NNW/297.8	59.9 / -3.84	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2	GEN
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Generator No:	ON7720144	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Oct 2019	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: 241 H
Waste Class Desc: Halogenated solvents and residues

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 221 L
Waste Class Desc: Light fuels

Waste Class: 221 I
Waste Class Desc: Light fuels

125	1 of 1	SSE/285.0	68.8 / 5.09	412 Tweedsmuir Ave. Ottawa ON	PINC
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Incident ID:	2696610	Health Impact:	No
Incident No:	540152	Environment Impact:	No
Type:	FS-Pipeline Incident	Property Damage:	Yes
Status Code:	Pipeline Damage Reason Est	Service Interrupt:	Yes
Fuel Occurrence Tp:	Pipeline Strike	Enforce Policy:	Yes
Fuel Type:	Natural Gas	Public Relation:	No
Tank Status:	RC Established	Pipeline System:	
Task No:	3245285	Depth:	
Spills Action Centre:		Pipe Material:	
Method Details:	E-mail	PSIG:	
Fuel Category:	Natural Gas	Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:	11/8/2010 0:00	Regulator Location:	
Occurrence Start Date:	2011/03/23		
Operation Type:	Construction Site (pipeline strike)		
Pipeline Type:			
Regulator Type:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Summary: 412 Tweedsmuir Ave. Ottawa - 3/4" Pipeline Hit Reported By: Armstrong, Alan - Enbridge Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes:					
126	1 of 1	E/297.9	65.9 / 2.16	PRIVATE RESIDENCE 150 RICHMOND ROAD FURNACE OIL TANK OTTAWA CITY ON K1Z 6W2	SPL
Ref No: 111664 Site No: Incident Dt: 4/5/1995 Year: Incident Cause: CONTAINER OVERFLOW Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: POSSIBLE Nature of Impact: Soil contamination Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scr: MOE Reported Dt: 4/5/1995 Dt Document Closed: Incident Reason: EQUIPMENT FAILURE Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: PRIVATE RESIDENCE: 18 L FURNACE OIL TO GROUND DUE FAULTY WHISTLE 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: 20101 Site Lot: Site Conc: Northing: Easting: MCCR Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:					
127	1 of 1	ESE/284.0	67.8 / 4.11	190 Richmond St Ottawa ON	EHS
Order No: 20160322023 Status: C Report Type: Standard Report Report Date: 29-MAR-16 Date Received: 22-MAR-16 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.746624 Y: 45.393859					
128	1 of 1	ESE/299.5	66.9 / 3.15	R.M. OF OTTAWA-CARLETON KIRKWOOD AVE/LYMAN ST. OTTAWA CITY ON	CA
Certificate #: 7-0401-99- Application Year: 99 Issue Date: 6/22/1999 Approval Type: Municipal water Status: Approved Application Type: Client Name:					

Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

DRAFT

Unplottable Summary

Total: 71 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	From Richmond Road to Harwood Ave	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	City of Ottawa	From Richmond Road to Harwood Ave	Ottawa ON	
CA	Petro-Canada		Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	OTTAWA CITY	ROYAL AVE/LANARK AVE/SELBY AVE	OTTAWA CITY ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	OTTAWA CITY	SCOTT ST.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON HURDMAN STATION	SOUTHEAST TRANSITWAY	OTTAWA CITY ON	
CA		Richmond Road	Ottawa ON	
CA		Tweedsmuir Avenue	Ottawa ON	
CA		Scott Street (Parkdale to Merton)	Ottawa ON	
CA	IPCF PROPERTIES INC.	BELL'S CORNERS, LOBLAWS	NEPEAN CITY ON	
CA	OTTAWA CITY	BEECHGROVE AVENUE (SWM)	OTTAWA CITY ON	
CA	COMPUTING DEVICES	RICHMOND RD.	NEPEAN CITY ON	

COMPANY

CA	R.M. OF OTTAWA-CARLETON TRANSP. DEPART.	EAST TRANSITWAY	OTTAWA CITY ON	
CA	TAIGA NON-PROFIT HSG. CORP.-LOTS 11 & 14	SCOTT ST./STM-WATER MGT. FAC.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	D.N.D. AREA S.E.TRANSITWAY	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON SMYTH RD.	SOUTHEAST TRANSITWAY ST. I	OTTAWA CITY ON	
CA	PETRO CANADA OTTAWA TERMINAL INC.	STORM WATER MANAGEMENT POND	NEPEAN CITY ON	
CA	COMPUTING DEVICES COMPANY	RICHMOND RD.	NEPEAN CITY ON	
CA	OTTAWA CITY	LANARK AVE.	OTTAWA CITY ON	
CA		Scott Street	Ottawa ON	
CONV	Loblaw Companies Limited		Ottawa ON	
ECA	Minto Developments Inc.	Future Transitway	Ottawa ON	K1R 7Y2
ECA	Ultramar Ltd.	Part 1, Reference Plan 4R-23561	Ottawa ON	H3A 3L3
ECA	SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc., and EllisDon	Corporation	Ottawa ON	K1Z 1G3
ECA	The Regional Municipality of Ottawa-Carleton	Scott Street	Ottawa ON	K2P 2L7
ECA	Petro-Canada Inc.		Ottawa ON	L6L 6N5
ECA	City of Ottawa	Scott Street, Premier Ave., Champagne Ave.	Ottawa ON	K1P 1J1
FCON	Drummond Fuels		Nepean ON	
GEN	NEPEAN HYDRO 28-586	Q.G.H. D.S.-ACRES ROAD AT RICHMOND RD. C/O 1970 MERIVALE ROAD	NEPEAN ON	K2C 3G2
GEN	NEPEAN HYDRO	Q.G.H. D.S.-ACRES ROAD AT RICHMOND RD. C/O 1970 MERIVALE ROAD	NEPEAN ON	K2C 3G2
RST	ULTRAMAR LTÉE	OTTAWA	OTTAWA ON	
RST	PETRO CANADA		NEPEAN ON	K2J4G5
RST	ULTRAMAR	RR 1 STN MAIN	PEMBROKE ON	K8A6W2

SPL	City of Ottawa	Transitway	Ottawa ON
SPL	Potvin Construction<UNOFFICIAL>	Lanark Road	Ottawa ON
SPL	Hydro One	Lanark Ave - 400 yards from the NW corner of Scotts St and Lanark Ave	Ottawa ON
SPL	City of Ottawa	Scott Street & Martin Street<UNOFFICIAL>	Ottawa ON
SPL	LOBLAWS		OTTAWA CITY ON
SPL	O.C. TRANSP	BLAIR TRANSITWAY STATION OLGAVIE MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	PETRO-CANADA	TANK TRUCK (CARGO)	NEPEAN CITY ON
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON
SPL	OTTAWA-CARLETON	TRANSITWAY,LINCOLN STATION. OC TRANSP GARAGE	OTTAWA ON
SPL	Loblaws Properties Limited	Loblaws	Ottawa ON
SPL		SNC Lavalin Profac	Ottawa ON
SPL	PETRO-CANADA	SERVICE STATION	OTTAWA CITY ON
WWIS		lot 31	ON
WWIS			OTTAWA ON
WWIS			OTTAWA ON
WWIS			OTTAWA ON
WWIS			ON
WWIS			OTTAWA ON
WWIS		lot 32	ON
WWIS		lot 32	ON
WWIS		lot 32	ON
WWIS			OTTAWA ON
WWIS		lot 31	ON

WWIS	lot 31	ON
WWIS	lot 31 con A	ON
WWIS		OTTAWA ON
WWIS	lot 31 con A	ON
WWIS	lot 32	ON
WWIS		OTTAWA ON
WWIS		OTTAWA ON
WWIS		OTTAWA ON
WWIS	lot 31	ON

DRAFT

Unplottable Report

Site: *City of Ottawa*
From Richmond Road to Harwood Ave Ottawa ON

Database:
CA

Certificate #: 9286-83A3N3
Application Year: 2010
Issue Date: 3/15/2010
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: *City of Ottawa*
Richmond Road Ottawa ON

Database:
CA

Certificate #: 7893-5NLQJH
Application Year: 2003
Issue Date: 6/18/2003
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: *City of Ottawa*
From Richmond Road to Harwood Ave Ottawa ON

Database:
CA

Certificate #: 7452-83ULTR
Application Year: 2010
Issue Date: 3/26/2010
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: *Petro-Canada*
Ottawa ON

Database:
CA

Certificate #: 5607-79YMZ8

Application Year: 2008
Issue Date: 2/12/2008
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **City of Ottawa**
Richmond Road Ottawa ON

Database:
CA

Certificate #: 1424-6CXJGA
Application Year: 2005
Issue Date: 6/3/2005
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: **City of Ottawa**
Richmond Road Ottawa ON

Database:
CA

Certificate #: 6859-5X8K46
Application Year: 2004
Issue Date: 3/23/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **OTTAWA CITY**
RICHMOND ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 3-0159-96-
Application Year: 96
Issue Date: 4/1/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
ROYAL AVE/LANARK AVE/SELBY AVE OTTAWA CITY ON

Database:
CA

Certificate #: 3-0787-95-
Application Year: 95
Issue Date: 7/19/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: NON-PROFIT HOUSING CORPORATION
RICHMOND RD.NON-PROFIT HOUSING OTTAWA CITY ON

Database:
CA

Certificate #: 7-0925-87-
Application Year: 87
Issue Date: 7/7/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
RICHMOND ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 3-1088-90-
Application Year: 90
Issue Date: 6/26/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
SCOTT ST. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0662-90-
Application Year: 90
Issue Date: 4/30/1990
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 HURDMAN STATION
SOUTHEAST TRANSITWAY OTTAWA CITY ON**

Database:
CA

Certificate #: 3-0196-89-
Application Year: 89
Issue Date: 2/23/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Richmond Road Ottawa ON**

Database:
CA

Certificate #: 7965-5ERRRZ
Application Year: 02
Issue Date: 10/11/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: This application is for the construction of storm and sanitary sewers and appurtenances on Richmond Road
Contaminants:
Emission Control:

Site: **Tweedsmuir Avenue Ottawa ON**

Database:
CA

Certificate #: 2750-4XTGXB
Application Year: 01
Issue Date: 6/20/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: This application is for the construction of watermain and appurtenances on Tweedsmuir Avenue.
Contaminants:
Emission Control:

Site: **Scott Street (Parkdale to Merton) Ottawa ON**

Database:
CA

Certificate #: 7515-4HMRDR
Application Year: 00

Issue Date: 3/22/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: Sanitary sewers to be constructed.
Contaminants:
Emission Control:

Site: **IPCF PROPERTIES INC.**
BELL'S CORNERS, LOBLAWS NEPEAN CITY ON

Database:
CA

Certificate #: 8-4033-96-
Application Year: 96
Issue Date: 2/22/1996
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: COMMERCIAL KITCHEN EXHAUST
Contaminants: Odour/Fumes
Emission Control: No Controls,

Site: **OTTAWA CITY**
BEECHGROVE AVENUE (SWM) OTTAWA CITY ON

Database:
CA

Certificate #: 3-0617-96-
Application Year: 96
Issue Date: 6/19/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **COMPUTING DEVICES COMPANY**
RICHMOND RD. NEPEAN CITY ON

Database:
CA

Certificate #: 7-1397-87-
Application Year: 87
Issue Date: 9/17/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON TRANSP. DEPART.
EAST TRANSITWAY OTTAWA CITY ON

Database:
CA

Certificate #: 7-0199-86-
Application Year: 86
Issue Date: 4/2/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: TAIGA NON-PROFIT HSG. CORP.-LOTS 11 & 14
SCOTT ST./STM-WATER MGT. FAC. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0582-91-
Application Year: 91
Issue Date: 8/1/1991
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
D.N.D. AREA S.E.TRANSITWAY OTTAWA CITY ON

Database:
CA

Certificate #: 3-1044-89-
Application Year: 89
Issue Date: 6/12/1989
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 SMYTH RD.
SOUTHEAST TRANSITWAY ST. I OTTAWA CITY ON

Database:
CA

Certificate #: 3-0886-89-
Application Year: 89
Issue Date: 5/18/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:

Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **PETRO CANADA OTTAWA TERMINAL INC.**
STORM WATER MANAGEMENT POND NEPEAN CITY ON

Database:
CA

Certificate #: 3-1726-87-
Application Year: 87
Issue Date: 11/18/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **COMPUTING DEVICES COMPANY**
RICHMOND RD. NEPEAN CITY ON

Database:
CA

Certificate #: 3-1688-87-
Application Year: 87
Issue Date: 9/17/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **OTTAWA CITY**
LANARK AVE. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1579-87-
Application Year: 87
Issue Date: 9/15/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Scott Street Ottawa ON**

Database:
CA

Certificate #: 2262-4JHL7S
Application Year: 00
Issue Date: 4/26/00

Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar Street
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Watermains and appurtenances to be constructed
Contaminants:
Emission Control:

Site: Loblaw Companies Limited
Ottawa ON

Database:
CONV

File No: 097267
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description:

Location:
Region:
Ministry District:

On April 19, 2011, Loblaw Companies Limited/Les Compagnies Loblaw Limitee pleaded guilty to one violation under the Environmental Protection Act for causing the discharge of a refrigerant into the air within a building or into the natural environment. The Court heard that the company owns and operates a property in Ottawa. The company uses a refrigeration contractor to install, maintain and service the equipment at this location. During such work, a release of refrigerant was reported to the ministry. The release was inside a building that was vented via exhaust fans to the natural environment. The refrigerant contains hydrochlorofluorocarbon and is considered an ozone depleting substance. The company was charged following an investigation by the ministry's Investigations and Enforcement Branch. The company was fined \$30,000 plus a victim fine surcharge and was given 30 days to pay the fine.

Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section:
Act/Regulation/Section: EPA
Date of Offence:
Date of Conviction:
Date Charged: April 19, 2011
Charge Disposition: fine, victim fine surcharge
Fine: \$30,000
Synopsis:

Site: Minto Developments Inc.
Future Transitway Ottawa ON K1R 7Y2

Database:
ECA

Approval No: 7092-5H4K4P
Approval Date: 2003-01-06
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Address: Future Transitway
Full Address:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Full PDF Link:

Site: *Ultramar Ltd.
Part 1, Reference Plan 4R-23561 Ottawa ON H3A 3L3*

Database:
ECA

Approval No: 1928-8W2Q6W
Approval Date: 2012-07-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Address: Part 1, Reference Plan 4R-23561
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2244-8RJQ9S-14.pdf>

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: *SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc., and EllisDon Corporation Ottawa ON K1Z 1G3*

Database:
ECA

Approval No: 3474-99NHUQ
Approval Date: 2013-08-07
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2982-99JLHL-14.pdf>

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: *The Regional Municipality of Ottawa-Carleton
Scott Street Ottawa ON K2P 2L7*

Database:
ECA

Approval No: 2262-4JHL7S
Approval Date: 2000-04-26
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Address: Scott Street
Full Address:
Full PDF Link:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: *Petro-Canada Inc.
Ottawa ON L6L 6N5*

Database:
ECA

Approval No: 4810-4UMJP8
Approval Date: 2001-03-12
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/7825-4UCP9D-14.pdf>

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: City of Ottawa
Scott Street, Premier Ave., Champagne Ave. Ottawa ON K1P 1J1

Database:
ECA

Approval No: 0601-5L8KCA
Approval Date: 2003-04-03
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Address: Scott Street, Premier Ave., Champagne Ave.
Full Address:
Full PDF Link:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: Drummond Fuels
Nepean ON

Database:
FCON

Mailing Address: Nepean, ON
Offence Date: Spring and Summer, 1992
Offence: CEPA Gasoline Regulations 4 counts: Charges laid for illegal sale of two types of leaded fuel
Status: Concluded
Offence Location:
Date Charged: 92/11/17
Court Date: 93/01/15
Penalty:
Result: Charges stayed
Notes: Charges stayed by DOJ were not reintroduced into court during the one year limitation period and therefore the case is closed.

Site: NEPEAN HYDRO 28-586
Q.G.H. D.S.-ACRES ROAD AT RICHMOND RD. C/O 1970 MERIVALE ROAD NEPEAN ON K2C 3G2

Database:
GEN

Generator No: ON0453103
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.

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

Detail(s)

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Site: NEPEAN HYDRO
Q.G.H. D.S.-ACRES ROAD AT RICHMOND RD. C/O 1970 MERIVALE ROAD NEPEAN ON K2C 3G2

Database:
GEN

Generator No: ON0453103
Status:
Approval Years: 89,90
Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.

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

Detail(s)

Waste Class: 122

Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 251

Waste Class Desc: OIL SKIMMINGS & SLUDGES

Site: ULTRAMAR LTÉE
OTTAWA OTTAWA ON

Database:
RST

Headcode: 924800
Headcode Desc: Oils-Fuel
Phone: 6137275200
List Name:
Description:

Site: PETRO CANADA
NEPEAN ON K2J4G5

Database:
RST

Headcode: 01186800
Headcode Desc: SERVICE STATIONS GASOLINE OIL & NATURAL
Phone: 6138438637
List Name:
Description:

Site: ULTRAMAR
RR 1 STN MAIN PEMBROKE ON K8A6W2

Database:
RST

Headcode: 00924800
Headcode Desc: OILS-FUEL
Phone:
List Name:
Description:

Site: City of Ottawa
Transitway Ottawa ON

Database:
SPL

Ref No: 7101-5LY5CZ	Discharger Report:	
Site No:	Material Group: Chemical	
Incident Dt: 4/25/2003	Health/Env Conseq:	
Year:	Client Type:	
Incident Cause:	Sector Type: Other	
Incident Event:	Agency Involved:	
Contaminant Code: 24	Nearest Watercourse:	
Contaminant Name: ETHYLENE GLYCOL (ANTIFREEZE)	Site Address:	
Contaminant Limit 1:	Site District Office: Ottawa	
Contam Limit Freq 1:	Site Postal Code:	
Contaminant UN No 1:	Site Region: Eastern	
Environment Impact:	Site Municipality: Ottawa	
Nature of Impact:	Site Lot:	
Receiving Medium: Water	Site Conc:	
Receiving Env:	Northing:	
MOE Response:	Easting:	
Dt MOE Arvl on Scn:	Site Geo Ref Accu:	
MOE Reported Dt: 4/25/2003	Site Map Datum:	
Dt Document Closed:	SAC Action Class: Spills	
Incident Reason:	Source Type:	
Site Name: TUNNEY'S PASTURE STATION<UNOFFICIAL>		
Site County/District:		
Site Geo Ref Meth:		
Incident Summary: Transit Bus - 5 L antifreeze to san.sewer. cleaned		
Contaminant Qty: 5 L		

Site: Potvin Construction<UNOFFICIAL>

Database:

Ref No: 0152-63LLGU
Site No:
Incident Dt: 8/6/2004
Year:
Incident Cause: Pipe Or Hose Leak
Incident Event:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium: Land & Water
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/6/2004
Dt Document Closed:
Incident Reason: Equipment Failure
Site Name: INTERSECTION OF LANARK RD. & ELLENDALE RD.<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Potvin Construction: 60 L Hyd. Oil to Grd & Sewer
Contaminant Qty: 60 L

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

Site: **Hydro One**
Lanark Ave - 400 yards from the NW corner of Scotts St and Lanark Ave Ottawa ON

Database:
SPL

Ref No: 3525-67Z4JH
Site No:
Incident Dt: 12/23/2004
Year:
Incident Cause: Other Discharges
Incident Event:
Contaminant Code: 15
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Other Impact(s); Soil Contamination
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/24/2004
Dt Document Closed:
Incident Reason: Weather
Site Name: VAL TETTREAU JUNCTION<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Hydro 1: 114 L high volt. cable oil to grd
Contaminant Qty: 136.5 L

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type: Other Plant
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: M.C.B.S. - Fuel Safety; Spill to Land
Source Type:

Site: **City of Ottawa**
Scott Street & Martin Street<UNOFFICIAL> Ottawa ON

Database:
SPL

Ref No: 6131-7F5PMZ
Site No:
Incident Dt:
Year:
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Event:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Sewage Municipal
Agency Involved:

Contaminant Code: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: Priority Field Response
Dt MOE Arvl on Scn: 5/30/2008
MOE Reported Dt: 5/30/2008
Dt Document Closed: 6/11/2008
Incident Reason: Other - Reason not otherwise defined
Site Name: Scott Street & Martin Street<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: CSO overflow possible to Ottawa River
Contaminant Qty:

Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Watercourse Spills
Source Type:

Site: LOBLAWS
OTTAWA CITY ON

Database:
SPL

Ref No: 49925
Site No:
Incident Dt: 5/1/1991
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: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/1/1991
Dt Document Closed:
Incident Reason: OVERSTRESS/OVERPRESSURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: LOBLAWS - HYDRAULIC OIL TO GROUND AND CATCHBASIN FROM BROKEN HOSE
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: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: O.C. TRANSPO
BLAIR TRANSITWAY STATION OLGAVIE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database:
SPL

Ref No: 200147
Site No:
Incident Dt: 5/8/2001
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, Land

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved: WORKS
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20107
Site Lot:
Site Conc:

Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/8/2001
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

O.C. TRANSP: 4 L ANTIFRE-EZE TO CATCH BASIN FROM BUS, CLEANED UP, WORKS.

Site: PETRO-CANADA
TANK TRUCK (CARGO) NEPEAN CITY ON

Database:
SPL

Ref No: 120683
Site No:
Incident Dt: 11/11/1995
Year:
Incident Cause: UNKNOWN
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/11/1995
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
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: 20104
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

PETRO-CANADA TANK TRUCK- 50L GAS TO CONCRETE.DRIVRERROR.CLEANED.NO ENV IMP.

Site: TEXACO
RICHMOND RD. SERVICE STATION OTTAWA CITY ON

Database:
SPL

Ref No: 14431
Site No:
Incident Dt: 2/2/1989
Year:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/2/1989
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:

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: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

Site: OTTAWA-CARLETON
TRANSITWAY,LINCOLN STATION. OC TRANSP GARAGE OTTAWA ON

Database:
SPL

Ref No:	186714	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/14/2000	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20107
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND/WATER	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	REGION
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	9/14/2000	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	EQUIPMENT FAILURE	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	O.C.TRANSPO-9 L COOLANT TO ROADWAY AND STORM SEWER,REGION.		
Contaminant Qty:			

Site: Loblaw Properties Limited
Loblaws Ottawa ON

Database:
SPL

Ref No:	2287-7FNKE6	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:	38	Nearest Watercourse:	
Contaminant Name:	FREON R-22 (CFC)	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:	Air Pollution	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	NA
MOE Response:	No Field Response	Easting:	NA
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	6/16/2008	Site Map Datum:	
Dt Document Closed:	9/8/2008	SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Equipment Failure - Malfunction of system components	Source Type:	
Site Name:	Loblaws		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Loblaws, 625 lb of R22 released to atmosphere.		
Contaminant Qty:	625 lb		

Site:

Database:
SPL

SNC Lavalin Profac Ottawa ON

Ref No: 5272-7UEPGA
Site No:
Incident Dt:
Year:
Incident Cause: Discharge or Emission to Air
Incident Event:
Contaminant Code:
Contaminant Name: REFRIGERANT GAS, R123.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Air Pollution
Receiving Medium:
Receiving Env:
MOE Response: Referral to others
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/29/2009
Dt Document Closed:
Incident Reason: Unknown - Reason not determined
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

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address:
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: Air Spills - Gases and Vapours
Source Type:

Site: **PETRO-CANADA
SERVICE STATION OTTAWA CITY ON**

Database:
SPL

Ref No: 30833
Site No:
Incident Dt: 2/12/1990
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/12/1990
Dt Document Closed:
Incident Reason: CORROSION
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: PETRO CANADA SERVICE STN.FURANCE OIL LEAK.
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: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: **lot 31 ON**

Database:
WWIS

Well ID: 1528149
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:

Data Entry Status:
Data Src: 1
Date Received: 8/30/1994
Selected Flag: Yes
Abandonment Rec:
Contractor: 6844

Casing Material:
Audit No: 149112
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot: 031
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049688
DP2BR:
Spatial Status:
Code OB: p
Code OB Desc: Unknown type above a bedrock layer
Open Hole:
Cluster Kind:
Date Completed: 7/27/1994
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931068739
Layer: 3
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 2
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068737
Layer: 1
Color: 8
General Color: BLACK
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931068738
Layer: 2
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 2
Formation End Depth: 2
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931068740
Layer: 4
Color: 6
General Color: BROWN
Mat1: 08
Most Common Material: FINE SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 3
Formation End Depth: 4
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931068741
Layer: 5
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 74
Other Materials: LAYERED
Mat3:
Other Materials:
Formation Top Depth: 4
Formation End Depth: 20
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113005
Layer: 3
Plug From: 9
Plug To: 20
Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113003

Layer: 1
Plug From: 3
Plug To: 7
Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113004
Layer: 2
Plug From: 7
Plug To: 9
Plug Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 10598258
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086839
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 20
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326495
Layer: 1
Slot: 010
Screen Top Depth: 10
Screen End Depth: 20
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Site:
OTTAWA ON

Database:
WWIS

Well ID: 1535682
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z23116

Data Entry Status:
Data Src:
Date Received: 8/4/2005
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:

Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Street Name: RICHMOND RD-KIRKWOOD TO WESTERN AVE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316221
DP2BR:
Spatial Status:
Code OB: -
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 6/6/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Annular Space/Abandonment Sealing Record

Plug ID: 933274012
Layer: 3
Plug From: 0.16
Plug To: 0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274013
Layer: 2
Plug From: 1.85
Plug To: 0.16
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274014
Layer: 1
Plug From: 4.17
Plug To: 1.85
Plug Depth UOM: m

Pipe Information

Pipe ID: 11331076
Casing No: 1
Comment:
Alt Name:

Water Details

Water ID: 934062897
Layer: 1
Kind Code:
Kind:
Water Found Depth: 1.9
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533767
Diameter: 21
Depth From: 4.17
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site:

OTTAWA ON

Database:
WWIS

Well ID: 1535683
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z23114
Tag:

Data Entry Status:
Data Src:
Date Received: 8/4/2005
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
Street Name: RICHMOND RD-KIRKWOOD TO WESTERN AVE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Bore Hole Information

Bore Hole ID: 11316222
DP2BR:
Spatial Status:
Code OB:
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 6/6/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Annular Space/Abandonment Sealing Record

Plug ID: 933274015
Layer: 3
Plug From: 0.15
Plug To: 0
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933274017
Layer: 1
Plug From: 4.23
Plug To: 1.8
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933274016
Layer: 2
Plug From: 1.8
Plug To: 0.15
Plug Depth UOM: m

Pipe Information

Pipe ID: 11331077
Casing No: 1
Comment:
Alt Name:

Hole Diameter

Hole ID: 11533768
Diameter: 21
Depth From: 4.23
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: OTTAWA ON

Database:
[WWIS](#)

Well ID: 1535684
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z23112
Tag:

Data Entry Status:
Data Src:
Date Received: 8/4/2005
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
Street Name: RICHMOND RD-KIRKWOOD TO WESTERN AVE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Bore Hole Information

Bore Hole ID: 11316223
DP2BR:
Spatial Status:
Code OB: -
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 6/6/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Annular Space/Abandonment Sealing Record

Plug ID: 933274018
Layer: 1
Plug From: 4.25
Plug To: 1.85
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274019
Layer: 3
Plug From: 0.15
Plug To: 0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274020
Layer: 2
Plug From: 1.85
Plug To: 0.15
Plug Depth UOM: m

Pipe Information

Pipe ID: 11331078
Casing No: 1
Comment:
Alt Name:

Water Details

Water ID: 934062898
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 2.18
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533769
Diameter: 21
Depth From: 4.25
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: ON

Database: WWIS

Well ID: 1535685
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z23117
Tag:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 8/4/2005
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
Street Name: RICHMOND RD-KIRKWOOD TO WESTERN AVE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316224
DP2BR:
Spatial Status:
Code OB: -
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 6/9/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Annular Space/Abandonment Sealing Record

Plug ID: 933274021
Layer: 1
Plug From: 4.4
Plug To: 1.8
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274022
Layer: 2
Plug From: 1.8
Plug To: 0.17

Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933274023
Layer: 3
Plug From: 0.17
Plug To: 0
Plug Depth UOM: m

Pipe Information

Pipe ID: 11331079
Casing No: 1
Comment:
Alt Name:

Water Details

Water ID: 934062899
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 2.7
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533770
Diameter: 21
Depth From: 4.4
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: OTTAWA ON

Database:
WWIS

Well ID: 1535686
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z23115
Tag:

Data Entry Status:
Data Src:
Date Received: 8/4/2005
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
Street Name: RICHMOND RD-KIRKWOOD TO WESTERN AVE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Bore Hole Information

Bore Hole ID: 11316225 **Elevation:**

DP2BR:
Spatial Status:
Code OB: —
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 6/9/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933274026
Layer: 1
Plug From: 4.3
Plug To: 1.8
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933274024
Layer: 3
Plug From: 0.16
Plug To: 0
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933274025
Layer: 2
Plug From: 1.8
Plug To: 0.16
Plug Depth UOM: m

Pipe Information

Pipe ID: 11331080
Casing No: 1
Comment:
Alt Name:

Water Details

Water ID: 934062900
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 1.6
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533771
Diameter: 21
Depth From: 4.3
Depth To: 0

Hole Depth UOM: m
Hole Diameter UOM: cm

Site: lot 32 ON

Database: WWIS

Well ID: 1536399
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z34812
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 6/19/2006
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6964
Form Version: 3
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: 15000
Site Info:
Lot: 032
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550465
DP2BR:
Spatial Status:
Code OB: x
Code OB Desc: Unknown type in the lower layers(s)
Open Hole:
Cluster Kind:
Date Completed: 5/6/2006
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 933057970
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 84
Other Materials: SILTY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 0.77
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933057971

Layer: 2
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.77
Formation End Depth: 4.87
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933293797
Layer: 2
Plug From: 0.5
Plug To: 4.87
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933293796
Layer: 1
Plug From: 0
Plug To: 0.5
Plug Depth UOM: m

Pipe Information

Pipe ID: 11560072
Casing No: 1
Comment:
Alt Name:

Site: lot 32 ON

Database:
WWIS

Well ID: 1525295
Construction Date:
Primary Water Use: Cooling And A/C
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 68535
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/16/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 032
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047035 Elevation:

DP2BR: 62
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 11/12/1990
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931060712
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 62
Formation End Depth: 145
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060713
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 15
Other Materials: LIMESTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 145
Formation End Depth: 183
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060711
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 47
Formation End Depth: 62
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931060710
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 47
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595605
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082344
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 65
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082345
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 183
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525295
Pump Set At:
Static Level: 25
Final Level After Pumping: 80
Recommended Pump Depth: 80
Pumping Rate: 15

Flowing Rate:
Recommended Pump Rate: 12
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934387113
Test Type:
Test Duration: 30
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648077
Test Type:
Test Duration: 45
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111709
Test Type:
Test Duration: 15
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905256
Test Type:
Test Duration: 60
Test Level: 80
Test Level UOM: ft

Water Details

Water ID: 933484248
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 177
Water Found Depth UOM: ft

Site: lot 32 ON

Database:
WWIS

Well ID: 1525294
Construction Date:
Primary Water Use: Cooling And A/C
Sec. Water Use:
Final Well Status: Recharge Well
Water Type:
Casing Material:
Audit No: 68536
Tag:

Data Entry Status:
Data Src: 1
Date Received: 1/16/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 032
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047034
DP2BR: 63
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 11/13/1990
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931060709
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 15
Other Materials: LIMESTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 154
Formation End Depth: 203
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060708
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 63
Formation End Depth: 154
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931060706
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 50
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060707
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 50
Formation End Depth: 63
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595604
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082342
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 66
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082343
Layer: 2
Material: 4

Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 203
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525294
Pump Set At:
Static Level: 25
Final Level After Pumping: 80
Recommended Pump Depth: 80
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 12
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934648076
Test Type:
Test Duration: 45
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905255
Test Type:
Test Duration: 60
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387112
Test Type:
Test Duration: 30
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111708
Test Type:
Test Duration: 15
Test Level: 80
Test Level UOM: ft

Water Details

Water ID: 933484247
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 198
Water Found Depth UOM: ft

Site: OTTAWA ON

Database: WWIS

Well ID: 1535679
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z23108
Tag:

Data Entry Status:
Data Src:
Date Received: 8/4/2005
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
Street Name: RICHMOND RD-KIRKWOOD TO WESTERN AVE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Bore Hole Information

Bore Hole ID: 11316218
DP2BR:
Spatial Status:
Code OB:
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 6/7/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Annular Space/Abandonment Sealing Record

Plug ID: 933274004
Layer: 2
Plug From: 1.15
Plug To: 0.15
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274003
Layer: 3
Plug From: 0.15
Plug To: 0
Plug Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 933274005
Layer: 1
Plug From: 1.76
Plug To: 1.15
Plug Depth UOM: m

Pipe Information

Pipe ID: 11331073
Casing No: 1
Comment:
Alt Name:

Water Details

Water ID: 934062894
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 1.4
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533764
Diameter: 21
Depth From: 1.76
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: lot 31 ON

Database:
[WWIS](#)

Well ID: 1519740
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 6/24/1985
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 031
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041593
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:

Cluster Kind:
Date Completed: 4/1/1985
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931042564
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 70
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931042566
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 96
Formation End Depth: 98
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931042565
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 70
Formation End Depth: 96
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID:

Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10590163
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072632
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 98
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519740
Pump Set At:
Static Level: 0
Final Level After Pumping: 20
Recommended Pump Depth: 25
Pumping Rate: 50
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934894682
Test Type:
Test Duration: 60
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654898
Test Type:
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934384358
Test Type:
Test Duration: 30
Test Level: 20

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108648
Test Type:
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Water Details

Water ID: 933476799
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 98
Water Found Depth UOM: ft

Site: lot 31 ON

Database:
WWIS

Well ID: 1526253
Construction Date:
Primary Water Use: Irrigation
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No: 64227
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 6/26/1992
Selected Flag: Yes
Abandonment Rec:
Contractor: 2425
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 031
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047971
DP2BR: 15
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/8/1992
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc: 18
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

**Overburden and Bedrock
Materials Interval**

Formation ID: 931063640

Layer: 2
Color: 2
General Color: GREY
Mat1: 26
Most Common Material: ROCK
Mat2: 18
Other Materials: SANDSTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 15
Formation End Depth: 320
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931063641
Layer: 3
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 320
Formation End Depth: 400
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931063639
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3: 73
Other Materials: HARD
Formation Top Depth: 0
Formation End Depth: 15
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933111589
Layer: 1
Plug From: 4
Plug To: 22
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596541
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083966
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526253
Pump Set At:
Static Level: 30
Final Level After Pumping: 400
Recommended Pump Depth: 380
Pumping Rate: 12
Flowing Rate:
Recommended Pump Rate: 12
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method:
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934651397
Test Type: Recovery
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106822
Test Type: Recovery
Test Duration: 15
Test Level: 200
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390456
Test Type: Recovery
Test Duration: 30
Test Level: 125
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908595

Test Type: Recovery
Test Duration: 60
Test Level: 35
Test Level UOM: ft

Water Details

Water ID: 933485490
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 320
Water Found Depth UOM: ft

Site: lot 31 con A ON

Database:
WWIS

Well ID: 1534012
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Supply
Water Type:
Casing Material:
Audit No: 250702
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/26/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 031
Concession: A
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10543127
DP2BR:
Spatial Status:
Code OB:
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 7/21/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11091697
Casing No: 1
Comment:
Alt Name:

Site: OTTAWA ON

Database: WWIS

Well ID: 1535680
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z23119
Tag:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 8/4/2005
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
Street Name: RICHMOND RD-KIRKWOOD TO WESTERN AVE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316219
DP2BR:
Spatial Status:
Code OB:
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 6/7/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Annular Space/Abandonment Sealing Record

Plug ID: 933274007
Layer: 3
Plug From: 0.15
Plug To: 0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274008
Layer: 2
Plug From: 1.8
Plug To: 0.15
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933274006
Layer: 1
Plug From: 4.29
Plug To: 1.8
Plug Depth UOM: m

Pipe Information

Pipe ID: 11331074
Casing No: 1
Comment:
Alt Name:

Water Details

Water ID: 934062895
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 1.9
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533765
Diameter: 21
Depth From: 4.29
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: lot 31 con A ON

Database:
WWIS

Well ID: 1534013
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 250701
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/26/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 031
Concession: A
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10543128
DP2BR:
Spatial Status:

Elevation:
Elevrc:
Zone: 18

Code OB: —
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 7/21/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11091698
Casing No: 1
Comment:
Alt Name:

Site:
lot 32 ON

Database:
WWIS

Well ID: 1531568
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Dewatering
Water Type:
Casing Material:
Audit No: 224542
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/17/2000
Selected Flag: Yes
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot: 032
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053102
DP2BR: 16
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 11/6/2000
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 931078873
Layer: 1
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Other Materials: SAND
Mat3: 01
Other Materials: FILL
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931078875
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 34
Other Materials: TILL
Formation Top Depth: 12
Formation End Depth: 16
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931078874
Layer: 2
Color: 6
General Color: BROWN
Mat1: 13
Most Common Material: BOULDERS
Mat2: 11
Other Materials: GRAVEL
Mat3: 28
Other Materials: SAND
Formation Top Depth: 3
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931078876
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71

Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 16
Formation End Depth: 23
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933116739
Layer: 1
Plug From: 0
Plug To: 15
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601672
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093000
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 10
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930093001
Layer: 3
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092999
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6

Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531568
Pump Set At:
Static Level: 10
Final Level After Pumping: 10
Recommended Pump Depth: 20
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934113985
Test Type: Recovery
Test Duration: 15
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397184
Test Type: Recovery
Test Duration: 30
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934915010
Test Type: Recovery
Test Duration: 60
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934658119
Test Type: Recovery
Test Duration: 45
Test Level: 10
Test Level UOM: ft

Water Details

Water ID: 933492078
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 22
Water Found Depth UOM: ft

Water Details

Water ID: 933492077
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 17
Water Found Depth UOM: ft

Site: OTTAWA ON

Database:
WWIS

Well ID: 1535678
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z23111
Tag:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 8/4/2005
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
Street Name: RICHMOND RD-KIRKWOOD TO WESTERN AVE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316217
DP2BR:
Spatial Status:
Code OB: -
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 6/8/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Annular Space/Abandonment Sealing Record

Plug ID: 933274001
Layer: 2
Plug From: 1.7
Plug To: 0.16
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274000
Layer: 1

Plug From: 4.3
Plug To: 1.7
Plug Depth UOM: m

Annular Space/Abandonment
Sealing Record

Plug ID: 933274002
Layer: 3
Plug From: 0.16
Plug To: 0
Plug Depth UOM: m

Pipe Information

Pipe ID: 11331072
Casing No: 1
Comment:
Alt Name:

Water Details

Water ID: 934062893
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 0.79
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533763
Diameter: 21
Depth From: 4.3
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site:
OTTAWA ON

Database:
WWIS

Well ID: 1535677
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z23107
Tag:

Data Entry Status:
Data Src:
Date Received: 8/4/2005
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
Street Name: RICHMOND RD-KIRKWOOD TO WESTERN AVE

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

County:
Municipality: OTTAWA-CARLETON
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316216
DP2BR:
Spatial Status:
Code OB: —
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 6/8/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Annular Space/Abandonment Sealing Record

Plug ID: 933273999
Layer: 3
Plug From: 0.15
Plug To: 0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933273997
Layer: 1
Plug From: 4.2
Plug To: 1.8
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933273998
Layer: 2
Plug From: 1.8
Plug To: 0.15
Plug Depth UOM: m

Pipe Information

Pipe ID: 11331071
Casing No: 1
Comment:
Alt Name:

Water Details

Water ID: 934062892
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 0.88
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533762
Diameter: 21

Depth From: 4.2
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site:
OTTAWA ON

Database:
WWIS

Well ID: 1535681
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z23118
Tag:

Data Entry Status:
Data Src:
Date Received: 8/4/2005
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
Street Name: RICHMOND RD-KIRKWOOD TO WESTERN AVE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Bore Hole Information

Bore Hole ID: 11316220
DP2BR:
Spatial Status:
Code OB:
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 6/7/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Annular Space/Abandonment Sealing Record

Plug ID: 933274009
Layer: 1
Plug From: 4.34
Plug To: 1.7
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274010
Layer: 2
Plug From: 1.7
Plug To: 0.16
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933274011
Layer: 3
Plug From: 0.16
Plug To: 0
Plug Depth UOM: m

Pipe Information

Pipe ID: 11331075
Casing No: 1
Comment:
Alt Name:

Water Details

Water ID: 934062896
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 1.4
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533766
Diameter: 21
Depth From: 4.34
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: lot 31 ON

Database:
WWIS

Well ID: 1526254
Construction Date:
Primary Water Use: Irrigation
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 64228
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 6/26/1992
Selected Flag: Yes
Abandonment Rec:
Contractor: 2425
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 031
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047972
DP2BR: 12
Spatial Status:
Code OB: r

Elevation:
Elevrc:
Zone: 18
East83:

Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/9/1992
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931063644
Layer: 3
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 310
Formation End Depth: 380
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931063642
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3: 73
Other Materials: HARD
Formation Top Depth: 0
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931063643
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 12
Formation End Depth: 310
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933111590
Layer: 1
Plug From: 0
Plug To: 22
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596542
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083967
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526254
Pump Set At:
Static Level: 30
Final Level After Pumping: 380
Recommended Pump Depth: 300
Pumping Rate: 40
Flowing Rate:
Recommended Pump Rate: 40
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method:
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934106823
Test Type:
Test Duration: 15
Test Level: 200
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390457

Test Type:
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933485491
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 360
Water Found Depth UOM: ft

DRAFT

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:

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*

Provincial **AAGR**

Aggregate Inventory:

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

Government Publication Date: Up to Sep 2019

Provincial **AGR**

Abandoned Mine Information System:

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

Provincial **AMIS**

Anderson's Waste Disposal Sites:

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

Private **ANDR**

Aboveground Storage Tanks:

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

Provincial **AST**

Automobile Wrecking & Supplies:

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Jul 31, 2019

Private **AUWR**

Borehole:

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

Provincial **BORE**

Certificates of Approval:

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Chemical Register:

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jul 31, 2019

Compressed Natural Gas Stations:

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 - Nov 2019

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Nov 2019

Certificates of Property Use:

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994-Nov 30, 2019

Drill Hole Database:

Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2019

Environmental Activity and Sector Registry:

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Dec 31, 2019

Environmental Registry:

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994-Nov 30, 2019

Environmental Compliance Approval:

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Dec 31, 2019

Environmental Effects Monitoring:

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Oct 31, 2019

Environmental Issues Inventory System:

Federal [EIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial [EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial [EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2018

List of Expired Fuels Safety Facilities:

Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

Government Publication Date: Jun 2000-Nov 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal FED TANKS

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fisheries & Oceans Fuel Tanks:

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank:

Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2019

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Jan 2019

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial **NCPL**

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2017

National Defense & Canadian Forces Fuel Tanks:

Federal **NDFT**

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal **NDSP**

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal **NDWD**

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal **NEBI**

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Sep 30, 2019

National Energy Board Wells:

Federal **NEBP**

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal **NEES**

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal **NPCB**

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal **NPRI**

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Aug 31, 2019

Ontario Oil and Gas Wells:

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites:

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders:

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Nov 30, 2019

Canadian Pulp and Paper:

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: 1988-Dec 2019

Pipeline Incidents:

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Nov 30, 2019

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental clean-up orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2019

Retail Fuel Storage Tanks:

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Jul 31, 2019

Scott's Manufacturing Directory:

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Jun 2019

Wastewater Discharger Registration Database:

Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: 2011-Dec 31, 2019

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial [WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial [WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Feb 28, 2019

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.


The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

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APPENDIX H
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 Roy Pinchin Ltd. 1 Hines Road, Suite 200 Kanata, Ontario K2K 3C7 For questions or concerns please contact Julie Roy at: jroy@pinchin.com			FOI Request No.	FOI Co-ordinator Review date
			Date Request Received	Fee Paid ~ ACCT ~ CHQ <input checked="" type="checkbox"/> VISA ~ CASH
			Response Due Date	
Telephone/Fax Nos. Tel: (613) 592-3387 ext 1833 Fax (613) 592-5897	Your Project/Reference No. 230236	Signature of Requester 	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/>	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)				
320 McRae Avenue, 1976 Scott Street, 311 & 315 Tweedsmuir Avenue Ottawa Ontario (One Site)				
Present Property Owner(s) and Date(s) of Ownership				
Estate of Carson Unsworth				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
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				

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APPENDIX I
TSSA Search Results



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

www.tssa.org

30 October 2018

Julie Roy
PINCHIN LTD.
Suite 200, 1 Hines Road
KANATA ON K2K 2X3

Subject: 311 Tweedsmuir Avenue, Ottawa
Your File No.: 230236.001
SR No.: 2412006

Dear Madam/Sir:

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

A search of our records did not produce the requested Fuels Safety documents.

Should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

Yalini Kanagendran

Yalini Kanagendran
Public Information Services



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

www.tssa.org

30 October 2018

Julie Roy
PINCHIN LTD.
Suite 200, 1 Hines Road
KANATA ON K2K 2X3

Subject: 315 Tweedsmuir Avenue, Ottawa
Your File No.: 230236.001
SR No.: 2411990

Dear Madam/Sir:

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

A search of our records did not produce the requested Fuels Safety documents.

Should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

Yalini Kanagendran

Yalini Kanagendran
Public Information Services



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

www.tssa.org

30 October 2018

Julie Roy
PINCHIN LTD.
Suite 200, 1 Hines Road
KANATA ON K2K 2X3

Subject: 320 McRae Avenue, Ottawa
Your File No.: 230236.001
SR No.: 2412010

Dear Madam/Sir:

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

A search of our records did not produce the requested Fuels Safety documents.

Should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

Yalini Kanagendran

Yalini Kanagendran
Public Information Services

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APPENDIX J
Aerial Photographs



Aerial Photograph - 1928



Aerial Photograph - 1958



Aerial Photograph – 1965



Aerial Photograph – 1976



Aerial Photograph – 1984



Aerial Photograph – 1991



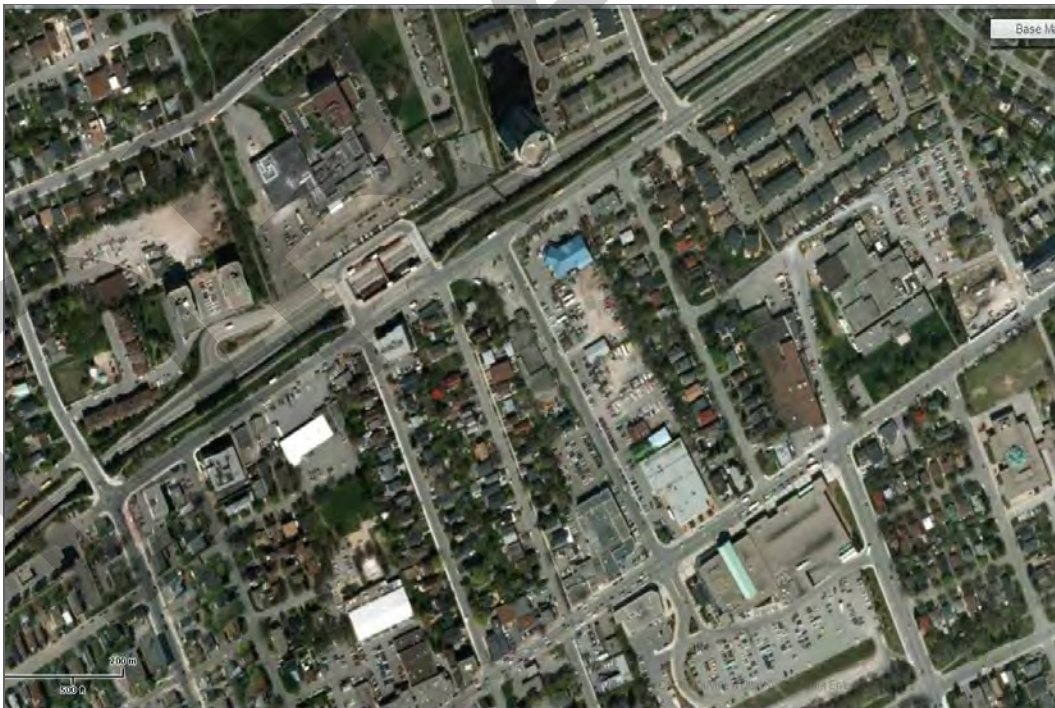
Aerial Photograph – 1999



Aerial Photograph – 2002



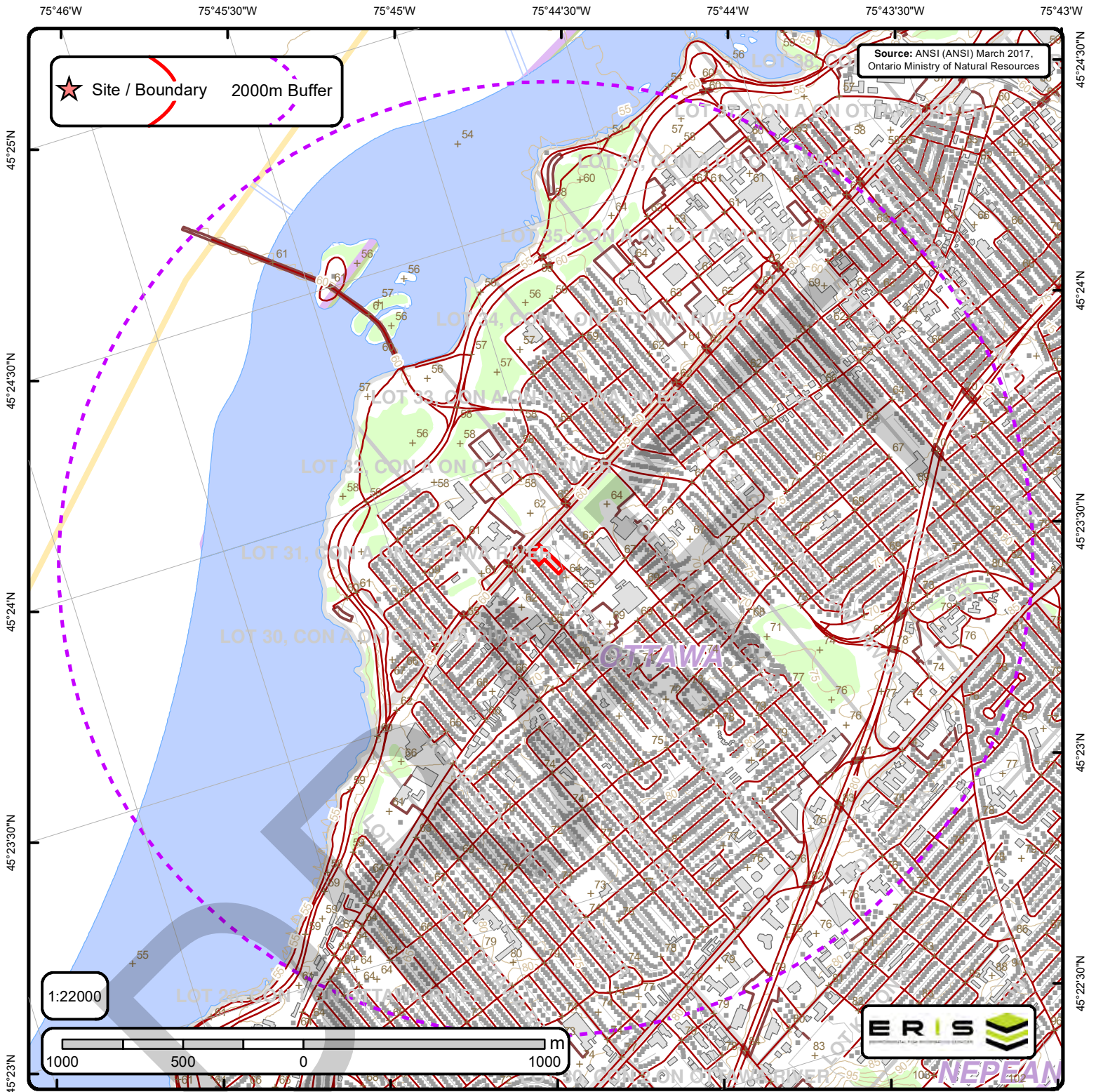
Aerial Photograph – 2007



Aerial Photograph – 2011

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APPENDIX K
Maps



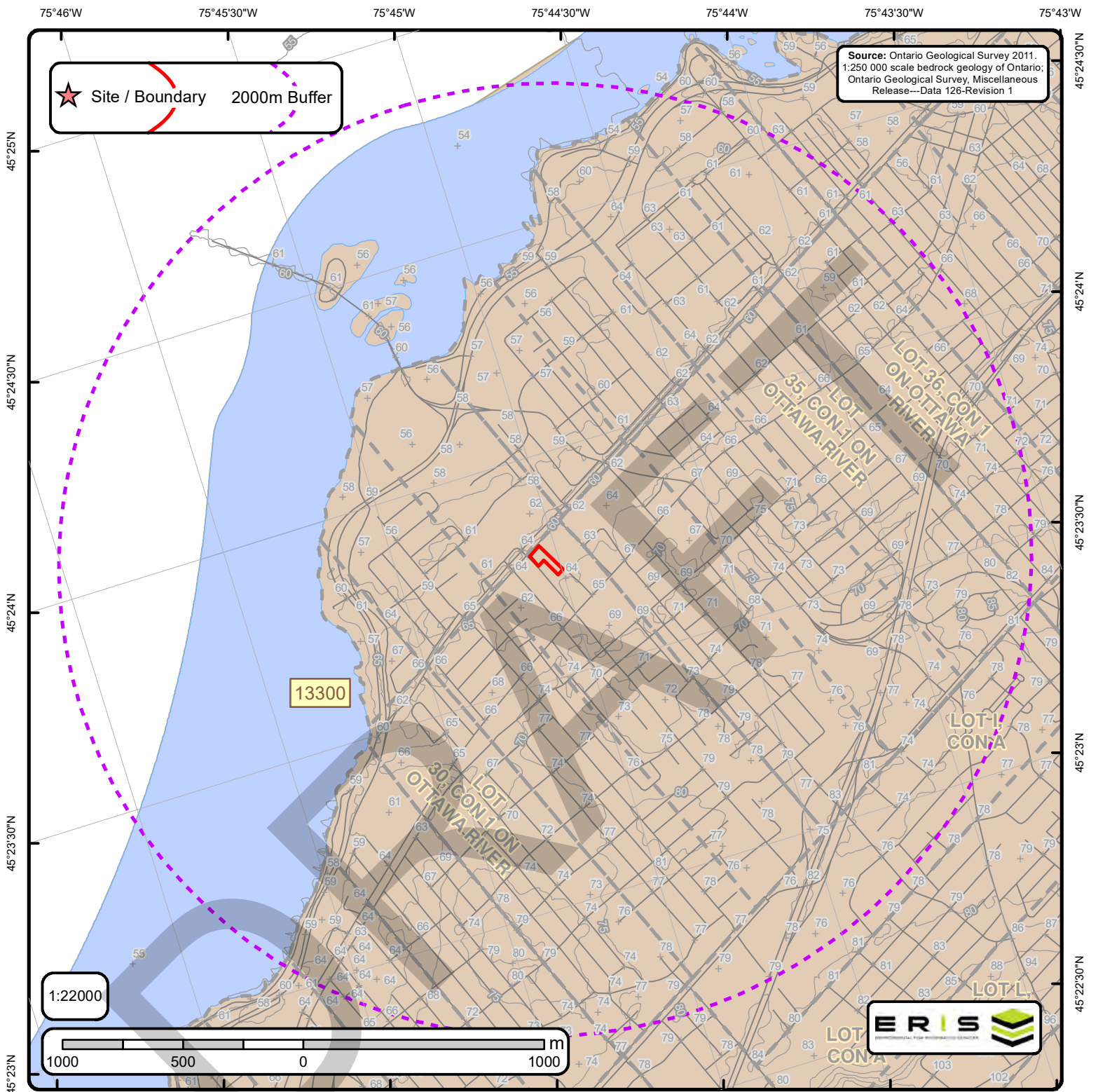
Area of Natural & Scientific Interest (ANSI) Order No. 20200115060

+	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



No ANSI units found within search area.

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Bedrock Geology of Ontario

Order No. 20200115060

Bedrock Geology Lines		Dikes		C Lines	
+ Spot Height	CONTACT, GEOPHYSICAL, TREND, INTERPRETED	Abitibi mafic dike	Marathon, Kapuskasing or Biscotasing mafic dike	FOLD, ANTICLINE, INTERPRETED, UNKNOWN GENERATION	Kimberlite
— Roads	CONTACT, SHARP, TREND, INTERPRETED	Biscotasing mafic dike	Matachewan mafic dike	FOLD, ANTICLINE, OBSERVED, UNKNOWN GENERATION	
— Contour Lines	CONTACT, SHARP, TREND, OBSERVED	Empey Lake mafic dike	Mine Centre mafic dike	FOLD, ANTICLINE, SYNFORMAL, INTERPRETED, SECOND GENERATION	
— Streams	FAULT, DEXTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Felsic to intermediate intrusive rocks	Molson mafic dike	FOLD, ANTIFORM, INTERPRETED, UNKNOWN GENERATION	
— Railroads	FAULT, PROJECTED FAULT, INTERPRETED, UNKNOWN GENERATION	Fort Frances mafic dike	North Channel mafic dike	FOLD, SYNCLINE, INTERPRETED, UNKNOWN GENERATION	
— Lots	FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Frontenac mafic dike	Pickle Crow mafic dike (Molson swarm) normal	FOLD, SYNCLINE, OBSERVED, UNKNOWN GENERATION	
— Pit or Quarry	FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION	Grenville mafic dike	Pickle Crow mafic dike (Molson swarm) reverse	FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION	
— Airports	FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, INTERPRETED, UNKNOWN GENERATION	Logan and Nipigon mafic sills	Rideau mafic dike	FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION	
— Waterbody	FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, OBSERVED, UNKNOWN GENERATION	Mackenzie mafic dike	Sudbury mafic dike		
— Wetlands	FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Mafic dikes of uncertain age	Ultramafic, gabbroic and granophytic intrusions		
	FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION	Mafic sills and dikes	Unsubdivided mafic dike		
	NEATLINE	Marathon mafic dike	Unsubdivided mafic dike (Keweenaw age)		
	ONTARIO BORDER		unknown		
	Marble, chert, iron formation, minor metavolcanic rocks				



Bedrock Geology Report

Bedrock Geology units found within 2000 m of
315 Tweedsmuir Ave



ID: 13300 | **Unit Name:** |

Type (All): 54a | **Type (Primary):** 54a | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Limestone, dolostone, shale, arkose, sandstone | **Strata (Primary):** Ottawa Group; Simcoe Group; Shadow Lake Formation | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** MIDDLE ORDOVICIAN (now considered UPPER DEVONIAN) | **Province (Primary):**

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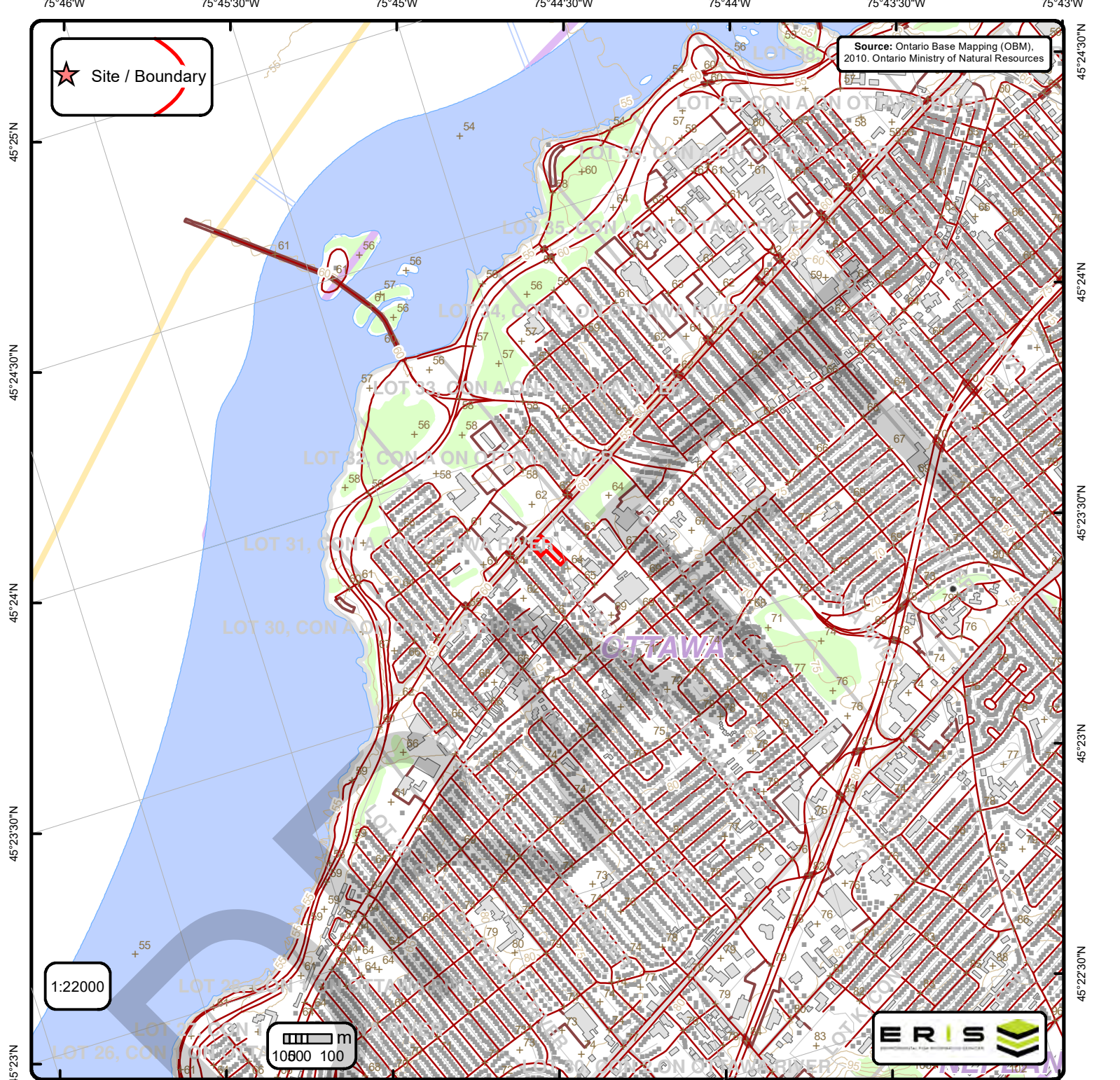
Bedrock Geology Report Metadata

Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release-Data 126 Revision1

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY



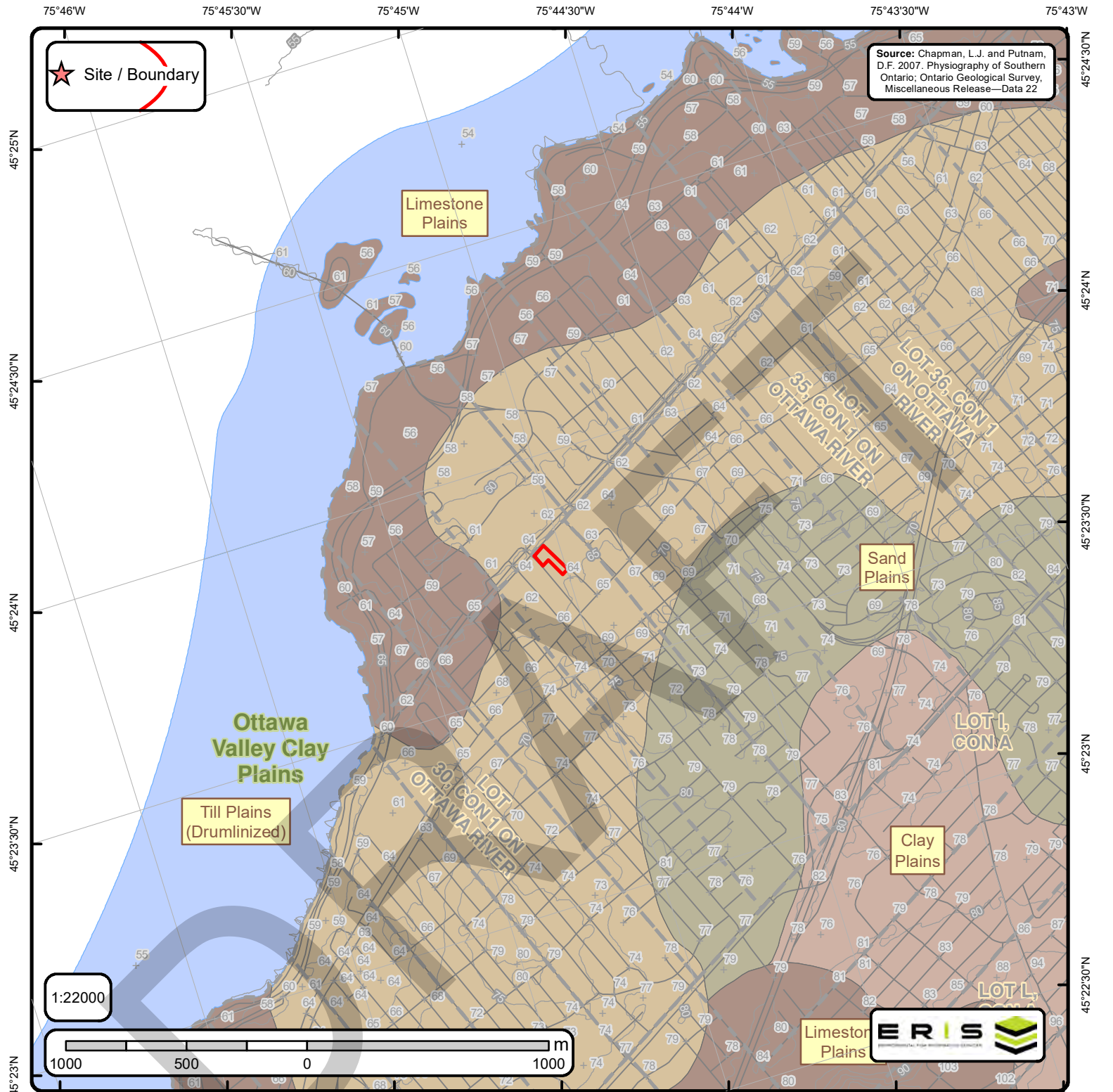
ID - Unit ID	Unit Name - Generalized geological unit classification
Type (All) - The geological unit number(s) or code(s) for all rock types present in an individual polygon.	
Type (Primary) - The primary geological unit number or code for the primary rock type in an individual polygon	
Type (Secondary) - The secondary geological unit number or code for the secondary rock type, if present, in an individual polygon	
Type (Tertiary) - The tertiary geological unit number or code for the tertiary rock type, if present, in an individual polygon	
Rock Type (Primary) - Rock type or sub-unit description	
Status (Primary) - The Stratigraphic unit. Divided into: Supergroup (two or more groups and lone formations) Group (two or more formations) Formation (primary unit of lithostratigraphy) Member (named lithologic subdivision of a formation) Bed (named distinctive layer in a member or formation)	
Super Eon (Primary) - A name given to the largest defined unit of geological time, divided into Eons. Unique values which this field may contain (Domains) are: PRECAMBRIAN (0.542 Ga to <3.85 Ga)	
Eon (Primary) - A name given to a defined unit of geological time, divided into Eras. Unique values which this field may contain (Domains) are: ARCHEAN (2.5 Ga to <3.85 Ga) PROTEROZOIC (0.542 Ga to 2.50 Ga) PHANEROZOIC (Present to 542.0 Ma)	
Era (Primary) - A name given to a defined unit of geological time, divided into Periods. Each era on the scale is separated from the next by a major event or change. Unique values which this field may contain (Domains) are: MESOARCHEAN (2.8 Ga to 3.2 Ga) MESOPROTEROZOIC (1.0 Ga to 1.6 Ga) NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga) EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga) NEOARCHEAN (2.5 Ga to 2.8 Ga) NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga) PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga) PALEOZOIC (251.0 Ma to 542.0 Ma) MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga) MESOZOIC (65.5 Ma to 251.0 Ma)	
Period (Primary) - A name given to a defined unit of geological time, divided into Epochs. Unique values which this field may contain (Domains) are: CAMBRIAN (488.3 Ma to 542.0 Ma) ORDOVICIAN (443.7 Ma to 488.3 Ma) SILURIAN (416.0 Ma to 443.7 Ma) DEVONIAN (359.2 Ma to 416.0 Ma) MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma) JURASSIC (145.5 Ma to 199.6 Ma) CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)	
Epoch (Primary) - A name given to a defined unit of geological time. Unique values which this field may contain (Domains) are: LOWER ORDOVICIAN UPPER SILURIAN MIDDLE ORDOVICIAN LOWER DEVONIAN UPPER ORDOVICIAN MIDDLE DEVONIAN MIDDLE AND LOWER SILURIAN UPPER DEVONIAN UPPER SILURIAN TO LOWER DEVONIAN LOWER CRETACEOUS AND MIDDLE JURASSIC	
Province (Primary) - The Geological Province the geological unit is in. Unique values which this field may contain (Domains) are: SUPERIOR SOUTHERN SUPERIOR GRENVILLE	



Ontario Base Mapping (OBM) Data

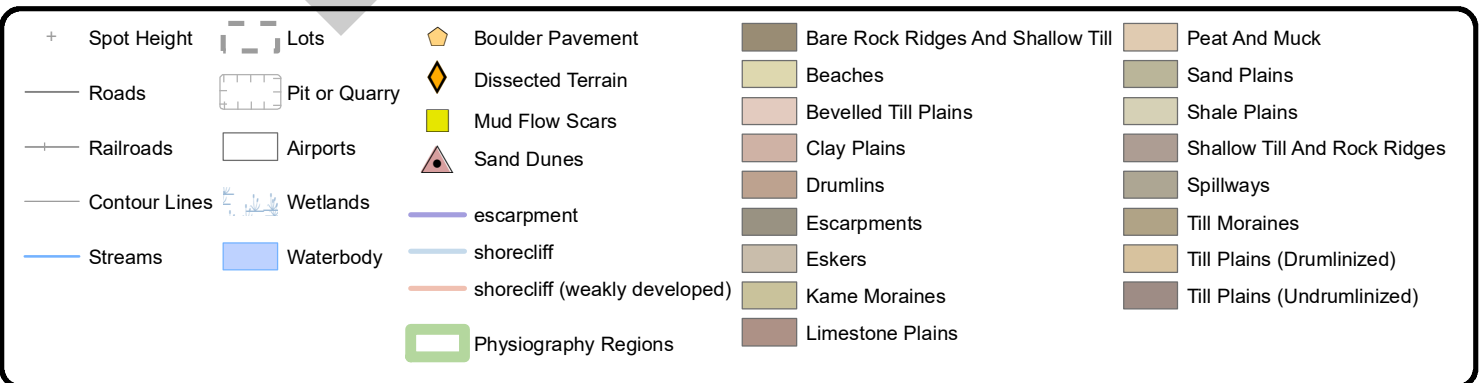
Order No. 20200115060

+ 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	



Physiography of Southern Ontario

Order No. 20200115060





Soils Report

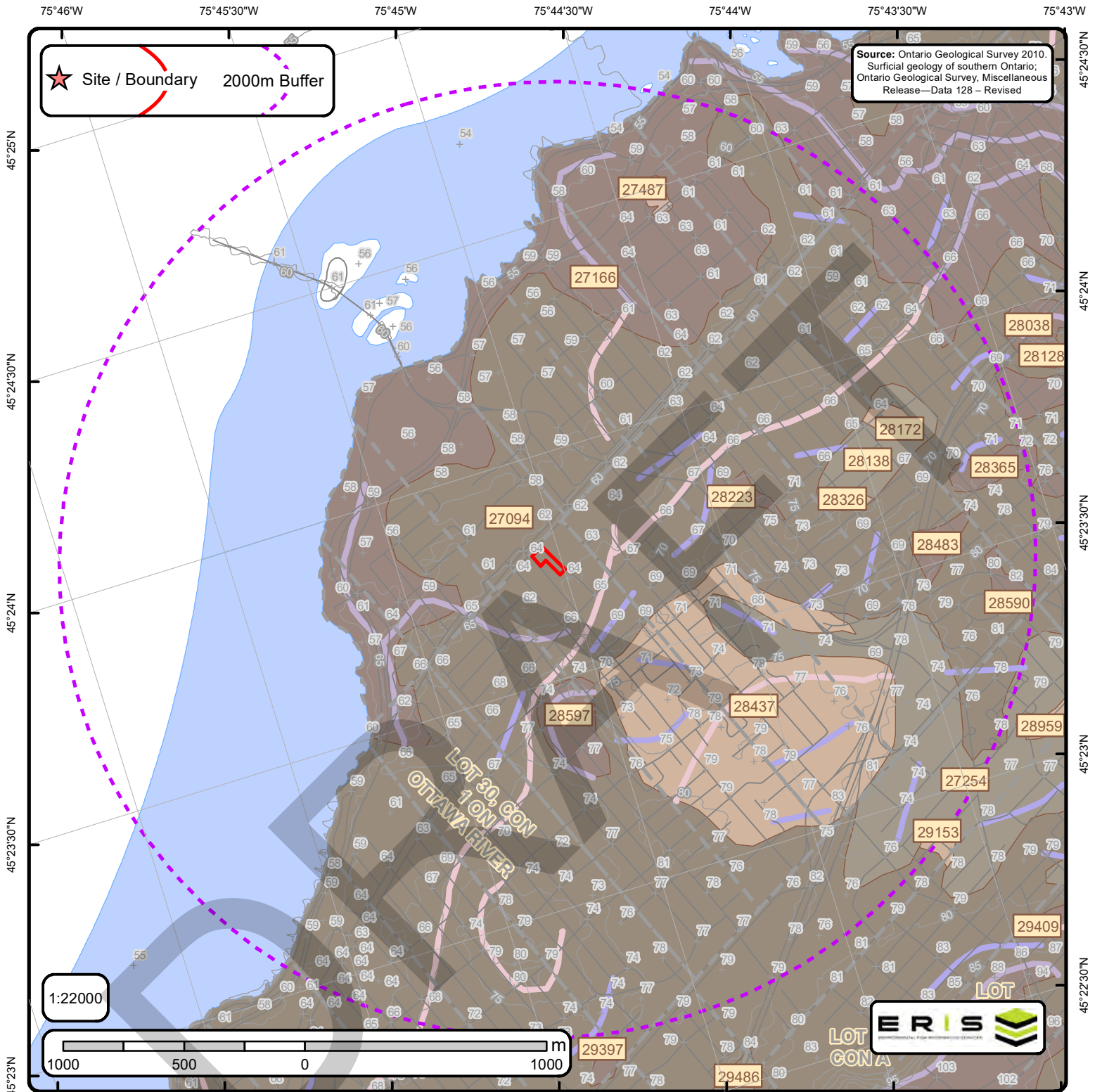
Soil Map Units Found within 2000 m of
315 Tweedsmuir Ave



Soil ID: OND401072947

Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~N | **Surface Stoniness Class** : Not Applicable | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Not Applicable | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : None | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Soil Name** : UNCLASSIFIED | **Water Table Characteristics** : Unspecified period | **Soil Drainage Class** : Not applicable | **Kind of Surface Material** : Unclassified | **Layer that Restricts Root Growth** : No root restricting layer | **Type of Root Restricting Layer** : n/a | **Parent Material 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Mode of Deposition 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Parent Material Chemical Property 1|2|3** : Not Applicable; Not Applicable; Not Applicable |

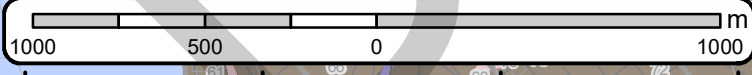
DRAFT



Source: Ontario Geological Survey 2010.
 Surficial geology of southern Ontario;
 Ontario Geological Survey, Miscellaneous
 Release—Data 128 – Revised

★ Site / Boundary 2000m Buffer

1:22000



The Surficial Geology of Southern Ontario Order No. 20200115060

+	Spot Height	—	Streams		Dune		Beach		Esker		karst		pitsg
	Waterbody	—	Contour Lines		Lake		Bluff		Esker ND		lineat		popup
	Wetlands	—	Roads		Rib		Crevasse		Fluvial DL		megarip		ribl
	Airports	—	Railroads		Scab		Crest		fluvndl		mfluvdl		slidsl
	Pit or Quarry		Morains		Slide		End		iceberg		mfluvndl		slumpb
	Lots		NOF Dune		Escarpment		icslope		moraine		terrace		



ID: 27094 | Unit Name: Till |

Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial |
Primary General Modifier: | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface |
Provenance: N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium |
Material Description: Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 27166 | Unit Name: Bedrock |

Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** |
Veneer: clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 27254 | Unit Name: Offshore marine deposits |

Deposit Type Code: 3a | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: clay, silt | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine |
Primary General Modifier: foreshore/basinal | **Veneer:** silt, sand | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were

ID: 27487 | Unit Name: Dunes |

Deposit Type Code: dun | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand |
Primary Material Modifier: | **Secondary Material:** | **Primary General:** eolian | **Primary General Modifier:** | **Veneer:** |
Episode: Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** |
Permeability: Medium-High | **Material Description:** Dunes (largely stabilized) and sand deposits generally reworked by the wind.

ID: 28138 | Unit Name: Offshore marine deposits |

Deposit Type Code: 3a | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: clay, silt | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine |
Primary General Modifier: foreshore/basinal | **Veneer:** silt, sand | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were



ID: 28172 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

ID: 28173 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 28223 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 28326 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

ID: 28365 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.



ID: 28437 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

ID: 28483 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 28590 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 28597 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 29153 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.



Surface Geology Report

Surface Geology units found within 2000 m of
315 Tweedsmuir Ave



No Surface Geology units found within search area.

DRRAFT



Surface Geology Report Metadata

Ontario Geological Survey 2010. Surficial geology of southern Ontario;
Ontario Geological Survey, Miscellaneous Release - Data 128 - Revised.

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY



ID - ID applied to the Unit

Unit Name - Name of deposit

Deposit Type Code - The geological unit number taken from the original map legend.

Deposit Age - to show the age when the sediments were deposited, e.g., Wisconsinan, postglacial or recent.

Map Number - Original map series number, eg., 'M2402' or 'P1973'. Each sgu_point feature is tagged to its original map.

Map Name - Usually NTS area where mapping was completed, e.g., 'Golden Lake'

Source Map Scale - The scale at which the original map was captured, e.g., '1:50 000'

Primary Material - This attribute provides the user with information regarding the most prevalent material present within a given area.

Primary Material Modifier - This attribute provides the user with a more refined description of the lithological classification of the primary material.

Secondary Material - This attribute provides the user with information regarding subordinate materials present within a given area.

Primary General - This attribute provides the user with an interpretation of the depositional environment within which the primary material was deposited.

Primary General Modifier - This attribute provides the user with a refined interpretation of the primary genetic modifier.

Veneer - This attribute provides the user with information regarding the type of material that forms a thin, discontinuous veneer over the primary material.

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Phase - A diachronic stratigraphic unit in a lower order than Subepisode, and the proposed sequence-stratigraphic classification is listed in the following table in the eastern and northern Great Lakes area (Karrow et al. 2000)

Stratus Modifier - This attribute provides the user information regarding the stratigraphic position of the mapped unit (i.e., whether the unit occurs primarily on the surface or in the subsurface).

Provenance - This attribute provides the user with information regarding the provenance of a particular till unit (i.e. direction or lobe from which the till is derived).

Carbon Content - This attribute provides the user with information regarding the carbonate content of till.

Formation - This attribute provides the user with information regarding the formation to which a given primary material belongs (e.g., Tavistock Till, Port Stanley Till, Scarborough Formation). This attribute is seamless and allows the user to create a map based on formation.

Permeability - This attribute provides the user with basic information about permeability of the sediments in a ranking of high, medium and low.

Material Description - Material or sediment description, e.g., 'sand and silty fine sand', 'silty sand and gravel' and 'silty till with low stone content'.