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Phase I-Environmental Site Assessment

381 Churchill Avenue
319, 325 and 327-331 Richmond Road
380 Winona Avenue
Ottawa, Ontario

Prepared For
Richmond Churchill Limited Partnership

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June 6, 2020

Report: PE4909-1R

TABLE OF CONTENTS

EXECUTIVE SUMMARY.....	ii
1.0 INTRODUCTION.....	1
2.0 PHASE I PROPERTY INFORMATION.....	2
3.0 SCOPE OF INVESTIGATION	4
4.0 RECORDS REVIEW	5
4.1 General.....	5
4.2 Environmental Source Information	11
4.3 Physical Setting Sources	15
5.0 INTERVIEWS	17
6.0 SITE RECONNAISSANCE.....	18
6.1 General Requirements.....	18
6.2 Specific Observations at the Phase I Property	18
7.0 REVIEW AND EVALUATION OF INFORMATION	24
7.1 Land Use History	24
7.2 Conceptual Site Model.....	27
8.0 CONCLUSIONS	33
8.1 Assessment.....	33
8.2 Recommendations.....	34
9.0 STATEMENT OF LIMITATIONS	36
10.0 REFERENCES	37

List of Figures

Figure 1 - Key Plan
Figure 2 - Topographic Map
Drawing PE4909-1 - Site Plan
Drawing PE4909-2 - Surrounding Land Use Plan

List of Appendices

Appendix 1 Aerial Photographs
 Site Photographs

Appendix 2 MECP Well Records
 TSSA Reponse
 HLUI Response
 ERIS Report

Appendix 3 Qualifications of Assessors

EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Richmond Churchill Limited Partnership to conduct a Phase I-Environmental Site Assessment (ESA) for the properties addressed 381 Churchill Avenue, 380 Winona Avenue and 319, 325 and 327-331 Richmond Road, in the City of Ottawa, Ontario. Together these properties comprise the Phase I Property. The purpose of this Phase I-ESA was to research the past and current use of the Phase I Property and 250m Phase I Study Area, and to identify any environmental concerns with the potential to have impacted the subject land.

According to the historical research, the Phase I Property was first developed for residential and commercial purposes circa 1928. The northwest portion of the site, 381 Churchill Avenue was occupied by the present-day residential building which was used for mixed-use purposes (apartments and office space), while the northeastern portion of the site, 380 Winona Avenue was used for residential purposes only. The southeastern portion of the site, 319 Richmond Road, formerly addressed 319 and 323 Richmond Road was initially developed with two (2) commercial style buildings and redeveloped with the present-day garage between 1965 to 1976. The southwestern portion of the site, 327 Richmond Road was developed circa 1928 with the present-day commercial building. An additional commercial building was constructed at 325 Richmond Road circa 1956, which is the present-day commercial building. Previous environmental reports indicated the past use of furnace oil and respective locations of the former ASTs inside the subject buildings at 325 and 327-331 Richmond Road. The historical presence of furnace oil ASTs at 325 and 327-331 Richmond Road represents APECs on the Phase I Property.

The majority of the Richmond Road properties were listed as commercial retailers, with the exception of 319 Richmond Road, which had operated as a retail fuel outlet and automotive repair garage since 1939. Based on the historical use of the Phase I Property, several on-site potentially contaminating activities (PCAs) associated with the operation of a retail fuel outlet, garage and the redevelopment of the property (i.e. importation of fill material) in the mid-1960s to mid-1970s, and furnace oil storage on-site resulted in APECs on the Phase I Property.

Based on available historical information, adjacent and neighbouring properties within the Phase I Study Area were developed with a combination of residential and commercial properties circa 1928. According to the use of the neighbouring lands, a former dry-cleaner at 312 Richmond Road and an automotive dealership with 2 underground storage

tanks (USTs) at 300-310 Richmond Road, located approximately 30m upgradient, were identified as off-site PCAs that represented APECs on the Phase I Property.

Additional off-site historical PCAs identified within the Phase I Study Area were not considered to represent PCAs on the Phase I Property based on their separation distances and/or orientations relative to the subject land.

Following the historical research, a site visit was conducted. The northern portion of the Phase I Property is currently occupied by two (2) residential apartment buildings, while the southern portion of the Phase I Property is occupied by three (3) commercial buildings. The former automotive garage at 319 Richmond Road is presently used to store landscaping equipment. Two (2) commercial buildings at 325 and 327 Richmond Road are abandoned. No PCAs were identified with the current use of the Phase I Property.

The current uses of the adjacent and neighbouring properties within the Phase I Study Area include a combination of residential, commercial and community uses. One existing off-site PCA, 424 Richmond Road (drycleaner), approximately 105 m southwest of the subject land was identified within the Phase I Study Area at the time of the site visit. Based on the separation distance and expected groundwater flow direction in the immediate area of the dry cleaner, it is not expected to pose a risk to the Phase I Property.

Recommendations

Based on the findings of the Phase I ESA, it is **our opinion that a Phase II-Environmental Site Assessment is required for the Phase I Property.**

Based on the age of the subject buildings, potentially asbestos containing materials (ACMs) observed include drywall joint compound, plaster/lathe and plaster, ceiling stipple, vinyl tiles, stick-on ceiling tiles and suspended ceiling tiles. Lead-based paints may also be present within the buildings.

It is our understanding that the subject buildings will be demolished in conjunction with future redevelopment. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for each of the existing building structures, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

1.0 INTRODUCTION

At the request of Richmond Churchill Limited Partnership, Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I-ESA) for the properties addressed 381 Churchill Avenue, 380 Winona Avenue and 319, 325 and 327-331 Richmond Road, in the City of Ottawa, Ontario. Together these properties comprise the Phase I Property. The purpose of this Phase I-ESA was to research the past and current use of the Phase I Property and properties within the Phase I Study Area to identify any potentially contaminating activities (PCAs) that would result in areas of potential environmental concern (APECs) on the subject land.

Paterson was engaged to conduct this Phase I-ESA by Ms. Josie Tavares of InterRent REIT on behalf of Richmond Churchill Limited Partnership. The head office of Richmond Churchill Limited Partnership is located at 200-485 Bank Street, Ottawa, Ontario. Ms. Tavares can be reached by email at josie.tavares@interrentreit.com.

This report has been prepared specifically and solely for the above noted project which is described herein. It contains all our findings and results of the environmental conditions at this site.

This Phase I-ESA report has been prepared in general accordance with Ontario Regulation (O.Reg.) 153/04, as amended, under the Environmental Protection Act, and complies with the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I-ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

2.0 PHASE I PROPERTY INFORMATION

Address:	381 Churchill Avenue, 380 Winona Avenue and 319, 325 and 327 Richmond Road, Ottawa, Ontario
Legal Description:	325 Richmond Road: Part of Lot 2, Plan 37; 327 Richmond Road: Frontage of Lot 1, Richmond Road North and Churchill East; 381 Churchill Avenue: Part of Lot 28, Churchill East; 380 Winona Avenue: Part of Lot 28, Winona West, in the City of Ottawa.
Location:	The Phase I Property, situated on the north side of Richmond Road, bounded on the west and east side by Churchill Avenue and Winona Avenue, in the City of Ottawa, Ontario. For the purpose of this report, Richmond Road is assumed to run in an East-West direction. Refer to Figure 1 - Key Plan in the Figures section following the text.
Property Identification Numbers:	04020-0001 (327 Richmond Road), 04020-0002 (325 Richmond Road), 04020-0003 (319 Richmond Road), 04020-0004 (381 Churchill Avenue) and 04020-0035 (380 Winona Avenue).
Latitude and Longitude:	45° 23' 33" N, 75° 45' 13" W
Site Description:	
Configuration:	Irregular
Area:	2,246m ² (approximate)
Zoning:	381 Churchill Avenue: GM – General Mixed-use Zone; 319, 325 and 329 Richmond Road: TM – Traditional Mainstreet (mixed use) Zone; and 380 Winona Avenue: R4G - Residential 4 th Density

Current Use: The north west portion of the Phase I Property (381 Churchill Avenue) is occupied by a 3-storey residential apartment building. The south west portion of the Phase I Property (325 and 327-331 Richmond Road) is occupied by two (2), 2-storey mixed use buildings consisting of residential apartments on the upper level and commercial retail on the ground level. The south east portion of the Phase I Property (319 Richmond Road) is occupied by a slab-on-grade commercial building with a partial basement level used for storage (landscaping equipment). The north east portion of the Phase I Property (380 Winona Avenue) is occupied by a 3-storey residential apartment building.

Services: The Phase I Property is situated in a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I – Environmental Site Assessment was as follows:

- Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases, and regulatory agencies;
- Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the subject properties, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of O.Reg. 153/04, as amended, under the Environmental Protection Act, and in compliance with the requirements of CSA Z768-01;
- Provide a preliminary environmental site evaluation based on our findings;
- Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

A radius of approximately 250m was determined to be appropriate as a Phase I Study Area for this assignment. Properties outside the 250m radius are not considered to have impacted the subject land, based on their significant distance from the site.

First Developed Use Determination

Based on the historical information available for the purpose of this report, the Phase I Property is considered to have been first developed for residential and commercial use circa 1928.

Fire Insurance Plans

Fire Insurance Plans from 1925 (revised in 1948) and 1956 were reviewed for the Phase I Property and surrounding lands within the Phase I Study Area. The FIPs depict the northern portion of the Phase I Property as occupied by a residential dwelling and private garage at 380-382 Winona Avenue and a mixed-use building (apartments and offices) at 381 Churchill Avenue. The southern portion of the Phase I Property is occupied by the two (2) present-day buildings at 325 and 327 Richmond Road, a commercial building at 323 Richmond Road (now part of 327 Richmond Road) and a retail fuel outlet (RFO) with 4 underground storage tanks (USTs) and an automotive servicing garage at 319 Richmond Road.

The former uses of 319 Richmond Road as an RFO with 4 USTs and an automotive service garage are potentially contaminating activities (PCAs) on the Phase I Property that are considered to result in areas of potential environmental concern (APECs).

According to the FIPs, surrounding land use within the Phase I Study area was a combination of residential, community/institutional and commercial along Richmond Road. Off-site historical PCAs identified on properties within the Phase I Study Area are presented in Table 1.

Table 1: Phase I Study Area - Potentially Contaminating Activities 1948 and 1956 Fire Insurance Plans			
Address	Listed Activity and Years	Approximate Distance / Orientation from Site	Result in an APEC on the Phase I Property (Yes/No)
Churchill Avenue			
414	Print shop (1956)	72 m SW	No
Richmond Road			
255	Retail fuel outlet (1 UST) and automotive service garage (1956)	223m NE	No
277	Body shop (1948, 1956)	114m NE	No
300	Elgin Dealership and garage with 2 USTs (1956)	26m SE	Yes
319	Retail fuel outlet with 4 USTs and automotive repair garage (1948, 1956)	On-site	Yes
Roosevelt Avenue			
335	Fendor Metal Fabrication (1948, 1956)	247m NW	No
Scott Street			
2040	Weigh-scale and office (1956)	236 m N	No
2050	Pump repairs with 1 UST (1956)	228m NE	No
2060	Retail fuel outlet with 2 USTs (1948, 1956)	8206m N	No
2116	Storage shed with 1 UST (1956)	224m N	No
Winona Avenue			
326	Automotive repair garage (1956)	219m N	No

With the exception of the former dealership with 2 USTs at 300 Richmond Road, no off-site PCAs identified within the Phase I Study Area during the FIP review, are considered to represent APECs on the Phase I Property based on their respective separation distances and/or orientations relative to the subject land.

The aforementioned PCAs are shown on Drawing PE4909-2 – Surrounding Land Use Plan. Those that are considered to represent an APEC on the Phase I Property are highlighted in red, while those that are not considered to represent an APEC are shown in green. The resulting APECs on the Phase I Property are shown on Drawing PE4909-1 – Site Plan.

City of Ottawa Street Directories

City directories for the Phase I Property and neighbouring properties in the Phase I Study Area were reviewed in approximate ten (10) year intervals, between 1939 and 2011.

Based on the city directory review, the property addressed 319 Richmond Road was listed as an RFO under various different names from 1939 to 2011. Avenue Garage also operated on the property from 1987 to 2011.

325 and 327 Richmond Road was first listed in 1937 as a mixed-use building, containing both commercial retail and residential until 2011.

380 Winona Avenue (formerly addressed 380-382 Winona Avenue) was listed under various private individuals (residences) from 1945 to 2011. 381 Churchill Avenue was listed as a mixed-use building of commercial offices and residential apartment units from 1950 to 1970 and residential only from 1970 to 2011. No concerns were identified with the past use of the Winona Avenue and Churchill Avenue properties.

The former use of 319 Richmond Road (i.e. RFO and automotive repair garage), are considered PCAs to result in APECs on the Phase I Property.

According to the directories, surrounding land use within the 250m study area consisted of a combination of residential, commercial and community uses. A variety of off-site PCAs were identified within the study area, many of which were identified in Table 1 in the previous section. Additional off-site PCAs were identified as Corley's Cleaners (1970s) at 312 Richmond Road, located 20 m south of the subject land, and laundry land at the 424 Richmond Road, approximately 104 m southwest of the subject land. Based on the vicinity and up-gradient orientation with respect to the Phase I Property, the former dry cleaners at 312 Richmond Road is considered to represent an APEC on the Phase I Property.

As previously noted, off-site PCAs identified during the historical review are presented on Drawing PE4909-2 – Surrounding Land Use Plan.

Chain of Title

Paterson did not request a Chain of Title for the subject site as it was determined that sufficient information was gathered from other sources, such as personal interviews, FIPs, city directories, aerial photographs and site investigation.

Previous Environmental Reports

- *“Phase I-II Environmental Assessment, 325 and 327-331 Richmond Road, Ottawa, Ontario,”* prepared by Paterson Group Inc. (Paterson), dated June 22, 2012.

Based on the Phase I ESA, the subject site was used for commercial and residential purposes. The building located at 327 Richmond Road was constructed prior to 1928 and the building at 325 Richmond Road was built circa 1956. At the time of the assessment, the 325 Richmond Road building was on furnace oil heating with an AST located on the northern interior wall of the basement, while 327 Richmond Road had converted to natural gas fired equipment in 2013.

The historical and current use of the neighbouring lands consisted of residential with commercial along Richmond Road. The adjacent property to the east, 319 Richmond Road, was operating as an automotive repair garage, prior to which, it had been a retail fuel outlet (RFO) from the late 1930s to the 2011. The neighbouring land to the southeast, 312 Richmond Road, was identified as having formerly operated as a dry cleaners. A subsequent Phase II ESA was conducted to assess the potential impact on the subject site as a result of the RFO, garage and former dry cleaners.

Four (4) boreholes were drilled on-site to assess the soil and groundwater conditions. Soil samples were submitted and analyzed for BTEX and PHCs. Based on the analytical results, no detectable BTEX was identified, and one PHC parameter was identified below the selected MECP Standards. All soil samples were in compliance with the selected site condition standards.

Groundwater samples were submitted and analyzed for PHCs and VOCs. All parameters, with the exception of methylene chloride were, not detected above the laboratory limit. Methylene chloride was identified although below the selected MECP Standards.

Based on the findings of the Phase I-II ESA, the site conditions at the subject site appeared to be unaffected by the former presence of the RFO and dry cleaners.

- *“Phase I Environmental Assessment, 381 Churchill Avenue, Ottawa, Ontario,”* prepared by Paterson Group Inc., dated June 5, 2016.

Based on the Phase I ESA, the subject site was historically used for mixed-use purposes (residential and commercial offices) and was later used for residential

purposes only. No concerns were noted with the former and current use of the subject site.

Neighbouring land use consisted of residential and commercial purposes. The RFO and former dry cleaners located 319 Richmond Road and 312 Richmond Road, respectively, were considered to potential concerns to the subject site. A Phase II ESA was recommended.

- ☐ *“Phase II Environmental Assessment, 381 Churchill Avenue, Ottawa, Ontario,”* prepared by Paterson Group Inc., dated August 2, 2016.

Four (4) boreholes were drilled on-site to assess the soil and groundwater conditions. Soil samples were submitted and analyzed for BTEX and PHCs. Based on the analytical results, no detectable BTEX was identified. PHC, fraction F3 was identified in two (2) boreholes along the eastern portion of the site in excess of the selected MECP Standards.

Groundwater samples were submitted and analyzed for PHCs and VOCs. Based on the analytical results, BTEX and several chlorinated solvents were detected in the groundwater samples, although below the selected MECP Standards. All groundwater beneath the subject site was in compliance of the selected standards.

Based on the findings of the Phase II ESA, it was recommended that the PHC impacted soil be removed and disposed off-site.

- ☐ *“Phase I Environmental Assessment, 319 Richmond Road, Ottawa, Ontario,”* prepared by Golder Associates Ltd. (Golder), dated October 2017.

Based on the findings of the Phase I ESA, the subject site had operated as an RFO from 1939 to 2011 under various identities. In 2013, five (5) USTs were removed. It was noted at that time that visible contamination was removed, however, impacted soil around the pump islands remained on-site. The site was currently occupied by an automotive repair garage with evidence of former in-ground hydraulic hoists in the garage bay.

The historical use of neighbouring lands included a former dry cleaner and automotive dealership with 2 USTs at 312 and 300 Richmond Road, respectively, located across Richmond Road to the south and southeast. A Phase II ESA was conducted to address the potential impacts as a result of the use of the subject site as well as the former use of the adjacent lands.

- *“Phase II Environmental Assessment, 319 Richmond Road, Ottawa, Ontario,”* prepared by Golder Associates Ltd. (Golder), dated October 2017.

Five (5) boreholes were drilled on-site to assess the soil and groundwater conditions. Fill material containing demolition debris was identified on-site. Soil samples were submitted and analyzed for BTEX, PHCs, PAHs and metals. Based on the analytical results, fill material was impacted with PAHs and metals. Soil, specifically in the vicinity of the former pump island and UST nest were impacted with petroleum hydrocarbons.

Groundwater samples were submitted and analyzed for PAHs, PHCs and VOCs. Based on the analytical results, benzene, anthracene and PHCs (F1-F3) were in excess of the selected MECP Standards.

Based on the findings of the Phase II ESA, the former and current use of the site has impacted the site conditions. Off-site potential environmental concerns were considered to have not impacted the subject site.

- *“Phase I Environmental Assessment, 319, 325 and 327-331 Richmond Road, and 381 Churchill Avenue North, Ottawa, Ontario,”* prepared by Pinchin Ltd. (Pinchin), dated January 16, 2018.

The findings of this Phase I ESA report were in agreement with the earlier Phase I ESA conducted for the subject properties prepared by Paterson (2012 and 2016) and Golder (2017), with the exception of the AST noted in the interior of 325 Richmond Road. Although it was expected that the subject buildings were heating using furnace oil, there were no signs or indications of a former AST located at 325 Richmond Road at the time of their assessment.

A Phase II ESA was not recommended as it was Pinchin’s understanding that the subject site was to be remediate in the near future.

- *“Phase I Environmental Assessment, 380 Winona Avenue, Ottawa, Ontario,”* prepared by Pinchin Ltd. (Pinchin), dated November 27, 2019.

Based on the Phase I ESA, the subject site has always been used for residential purposes. The subject building was constructed in the 1920s with an addition built on the west wing of the building in the 1960s. No concerns were noted with the former and current use of the subject site.

Neighbouring land use consisted of residential and commercial purposes. The RFO and former dry cleaners located 319 Richmond Road and 312 Richmond Road, respectively, were considered to potential concerns to the subject site. A Phase II ESA was recommended.

- ☐ Draft “*Phase II Environmental Assessment, 380 Winona Avenue, Ottawa, Ontario,*” prepared by Pinchin Ltd. (Pinchin), dated February 4, 2020.

Two (2) boreholes were drilled on-site to assess the soil and groundwater conditions. Soil samples were submitted and analyzed for PHCs, PAHs and VOCs. Based on the analytical results, all soil results were in compliance with the selected MECP Standards.

Groundwater samples were submitted and analyzed for PAHs, PHCs and VOCs. Based on the analytical results, benzene and cis-1,2-Dichloroethylene were in excess of the selected groundwater standards.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on May 15, 2020. No records were found in the NPRI database for properties within the Phase I Study Area.

PCB Inventory

A search of national PCB waste storage sites was conducted. No PCB waste storage sites are located within the Phase I Study Area.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I Study Area was conducted on the website of the Ontario Ministry of Natural Resources (MNR) on May 15, 2020. The search did not reveal any areas of natural significance within the Phase I Study Area.

Ministry of the Environment, Conservation and Parks Freedom of Information Request

An ERIS (Environmental Risk Information Service) search was requested in lieu of the Ministry of Environment, Conservation and Parks (MECP) Freedom of Information (FOI) request as part of this Phase I-ESA. A copy of the ERIS report is provided in Appendix 2.

MECP Instruments

An ERIS search was requested for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the Phase I Property and properties within the Phase I Study Area. No records were identified for the Phase I Property.

According to the ERIS report, four (4) certificates of approval (CAs) and Environmental Compliance Approvals (ECAs) were identified within the study area.

These approvals were associated with private and/or municipal water and sewer works. The nature of these approvals is considered a non-issue to the Phase I Property. A copy of the ERIS report is provided in Appendix 2.

MECP Waste Management Records

According to the ERIS report, one waste management record was identified for the Phase I Property at 319 Richmond Road (Avenue Garage), listed in 2013 as producing waste associated with light fuels. This former automotive garage represents an APEC on the Phase I Property.

A total of 79 waste generator reports were identified for properties within the Phase I Study Area. The majority of the waste generators were either associated with pharmaceuticals and pathological wastes or identified on properties 100 m or more away from the Phase I Property. Based on the nature of the waste and/or their respective separation distances relative to the Phase I Property, the reported waste generators are not considered to represent areas of potential environmental concern (APECs) on the subject land. A copy of the ERIS report is provided in Appendix 2.

MECP Submissions

Based on a review of the ERIS report, no records pertaining to MECP submissions were identified for the Phase I Property or other properties within the Phase I Study Area. A copy of the ERIS report is provided in Appendix 2.

MECP Incident Reports

According to the ERIS report, there were no environmental incidents reported for the Phase I Property. The ERIS report identified 26 spill incidents/releases for properties within the Phase I Study Area.

With the exception of one reported spill, all other incidents either occurred more than 100 m away from the Phase I Property or the reported incidents were related to natural gas leaks. Based on the separation distances and/or nature of the spills, these reported incidences are a non-issue to the Phase I Property.

One reported furnace oil spill was identified at 363 Churchill Avenue, approximately 66 m down gradient of the subject land. According to the ERIS report, an unknown amount of furnace oil was released in 2001.

Based on the location of the former furnace oil spill, it is not considered to represent an APEC on the Phase I Property. A copy of the ERIS report is provided in Appendix 2.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry (ESR) was conducted as part of this assessment for the Phase I Property and neighbouring properties within the Phase I Study Area. No Records of Site Condition (RSCs) were filed for the Phase I Property. An RSC was filed at 450 Churchill Avenue, approximately 246 m north of the subject land, by Paterson Group in 2011. Based on the information provided in the ESR and our files, this property is not considered to represent a PCA.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario.

There are no active or closed waste disposal sites or former manufactured gas or coal tar distillation plants within the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto was contacted electronically to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. According to the TSSA response, four (4) expired records regarding the former RFO at 319 Richmond Road were identified.

The ERIS search results identified seven (7) records pertaining to expired and private fuel storage tanks at 319 Richmond Road as well, registered under Avenue Garages and Twenty First Century Motors. The former fuel storage tanks and ancillary equipment associated with the former RFOs at 319 Richmond Road represent APECs on the Phase I Property.

17 records pertaining to former, expired and private fuel storage tanks were identified on properties within the Phase I Study Area.

Based on their respective separation distances (more than 150 m) relative to the Phase I Property, these TSSA related records are not considered to represent APECs on the Phase I Property. A copy of the TSSA response and ERIS report are provided in Appendix 2.

ERIS Report

Based on the ERIS search, no other records were identified for the Phase I Property.

According to the ERIS report, 1 dry cleaning record, 1 pesticide record and 17 Scott's Manufacturer Directories were identified for properties within the Phase I Property. The reported dry cleaner was identified at 424 Churchill Avenue, approximately 105 m southwest of the Phase I Property. The pesticide operator was identified at 311 Richmond Road, approximately 70 m east of the Phase I Property. Scott's Manufacturer Directories identified several different industries ranging from fabric stores to imaging/print shops were located either downgradient, cross gradient or significantly far enough away from the subject land that they are not considered to pose a risk to the Phase I Property.

No new PCAs, in addition to those previously identified, are considered to represent APECs on the Phase I Property. A copy of the ERIS report is provided in Appendix 2.

City of Ottawa Landfill Document

The document prepared by Golder Associates entitled “Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa”, was reviewed. No former landfill sites were identified within the Phase I Study Area.

Former Industrial Sites

The report entitled “Mapping and Assessment of Former Industrial Sites, City of Ottawa” by Intera Technologies Limited was also reviewed. The Intera report did not identify any former industrial sites within the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI)

A request for a search of the City of Ottawa’s Historical Land Use Inventory (HLUI) database was submitted to the City of Ottawa. A response had not been received prior to issuing this report. A copy of the search results will be forwarded to the client upon receipt. A copy of the HLUI request form is provided in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals. Based on the review, the following observations have been made:

- | | |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1928 | The Phase I Property appears to be occupied by five (5) structures: two (2) buildings on the northern half and three (3) buildings on the southern half of the Phase I Property. Neighbouring lands appear to be occupied by residential dwellings. |
| 1958 | An additional building is present along the southern half of the subject land, while there are no significant changes apparent on neighbouring lands. |
| 1965 | The present-day buildings on the northwest, northeast and southwest corners can be seen at this time. A retail fuel outlet and associated ancillary equipment can be seen on the southeast corner of the Phase I Property. Neighbouring land use along Richmond Road appears to be occupied by commercial style buildings, while the adjacent streets are occupied by residential dwellings. |

- 1976 (Poor quality) The southeastern building (retail fuel outlet) and central south building from the previous photograph are not present at this time. A new commercial structure occupies this portion of the property. No other significant changes appear to have been made to the Phase I Property or neighbouring lands.
- 1991 No significant changes are apparent on the subject land or neighbouring properties. The retail fuel outlet and two (2) pump islands can be seen on the southeastern corner of the Phase I Property.
- 2002 The Phase I Property and neighbouring lands remain unchanged from the previous photograph.
- 2011 No significant changes are apparent on the subject land or neighbouring properties.
- 2017 The Phase I Property and surrounding lands appear to remain unchanged from the previous photograph, with the exception that the pump islands located on the southeast portion of the Phase I Property are no longer present at this time.

Laser copies of selected aerial photographs reviewed are included in Appendix 1.

Physiographic Maps

The Ontario Geological Survey publication ‘The Physiography of Southern Ontario, Third Edition’ was reviewed as a part of this assessment. According to the publication and attached mapping, the Phase I Property is situated within the Ottawa Valley Clay Plains physiographic region, described as “clay plains interrupted by ridges of rock or sand”.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. The topographic maps indicate that the regional topography in the general area of the Phase I Property slopes down in a northerly/northwesterly direction towards the Ottawa River.

An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on the information from NRCAN, bedrock in the area of the site consists of interbedded limestone and dolomite of the Gull River Formation. Based on the maps, the surficial geology consists of plain till with an overburden thickness ranging from 1 to 2 m.

Water Well Records

A well record search was conducted on May 15, 2020 for all drilled wells within 250m of the Phase I Property. No potable well records were identified for the Phase I Property or for properties in the Phase I Study Area.

Four (4) monitoring well records were identified on the Phase I Property at 319 Richmond Road in 2017. No other information was provided in the records.

44 monitoring well records and 39 abandoned monitoring wells were identified within the Phase I Study Area. Three (3) well records identified within the immediate area were identified at 324 and 337 Richmond Road. Based on these records, the wells were drilled to a maximum depth of approximately 9m below the ground surface (mbgs). The general soil profile consisted of sand, underlain by limestone bedrock encountered at approximately 0.6 mbgs. No other pertinent information was provided in these records.

The majority of the well records were identified approximately 150 m or more away from the Phase I Property. Based on the separation distance with respect to the subject land, these drilled wells on properties within the study area are not considered to have impacted the Phase I Property.

A copy of the well records has been included in Appendix 2.

5.0 INTERVIEWS

Property Owner Representatives

Ms. Josie Tavares and Mr. Nick Lussier of Richmond Churchill Limited Partnership (CLV) were interviewed via email as part of this assessment. CLV purchased the Richmond Road and Churchill Avenue properties in March 2018 and the Winona Avenue properties in March 2020. The mixed-use and commercial buildings were vacant prior to the acquisition of the properties, with the exception that the

automotive garage had a temporary tenant from January to April 2018. Based on the information provided to Ms. Tavares by the former property owners, there have been no significant changes to the interior of the buildings over the course of 10 years. CLV has no knowledge of any potential environmental concerns on the subject parcels of land, with the exception of the former RFO at 319 Richmond Road. The garage at 319 Richmond Road is presently used to store CLV's landscaping equipment.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A site visit was conducted on May 20, 2020, by Ms. Mandy Witteman with the Environmental Department of Paterson Group. In addition to the site, the uses of neighbouring properties within the Phase I Study Area were assessed at the time of the site visit from publicly accessible areas.

6.2 Specific Observations at the Phase I Property

Buildings and Structures

The parcel of land addressed 381 Churchill is occupied by a 3-storey residential apartment building. The building, considered to have been constructed circa 1928, is of a poured concrete foundation construction with an exterior finished in red brick with a flat, tar-and-gravel style roof.

The parcel of land addressed 380 Winona Avenue is occupied by a 2-storey residential apartment building constructed circa 1928 with an addition constructed circa 1970. The building foundation is of a poured concrete construction with an exterior finished in red brick with a sloped shingle style roof.

The parcel of land addressed 319 Richmond Road is occupied by a single-storey automotive garage with a partial basement level. The building constructed circa 1976 is of a slab-on-grade construction with a partial basement on the eastern side of the building with a concrete block foundation. The building exterior is finished with red brick with a flat, tar-and-gravel style roof. The garage is presently unoccupied by any active business and used solely for storing landscaping equipment.

The parcel of land addressed 325 Richmond Road is occupied by a 2-storey commercial building with a full basement. The building was constructed circa 1956 with a poured concrete foundation and is finished on the exterior with brick and has a flat, tar-and-gravel style roof. The building is presently vacant/abandoned.

The property addressed 327 Richmond Road is occupied by a 2-storey mixed-use building, containing store fronts on the ground level and residential apartments on the upper level. The building was constructed circa 1928 with a limestone block foundation, finished in red brick and a flat, tar-and-gravel style roof. The building is presently vacant/abandoned.

No other buildings or permanent structures are present on the Phase I Property.

Subsurface Structures and Utilities

The Phase I Property is situated in a municipally serviced area. Underground utility services on the subject land include natural gas, electricity, cable, water and sewer services. Services enter the Phase I Property from Churchill Avenue, Winona Avenue and Richmond Road.

No potable wells or private sewage systems were observed on the properties at the time of the site visit. An oil-water separator was observed on the interior of 319 Richmond Road. No other subsurface structures were identified at the time of the site visit.

Site Features

The Phase I Property is situated in a mixed-use urban setting. The site is primarily asphaltic concrete paved with some gravelled areas between 325 and 329 Richmond Road and landscaped along the north, east and west sides of 325-327 Richmond Road, 381 Churchill Avenue and 380 Winona Avenue, respectively.

The residential properties are at the grade of Churchill Avenue and Winona Avenue. The Richmond Road properties are slightly above the grade of the two (2) residential properties and separated by a small retaining wall. Site drainage is a combination of infiltration on the landscaped areas and sheet flow to catchbasins on the adjacent streets. The regional topography slopes down in a northerly direction towards the Ottawa River.

Six (6) monitoring wells located across the Phase I Property were noted at the time of the site visit.

No signs of stressed vegetation, surficial staining or evidence of fill material were noted on the Phase I Property. Site features are presented on Drawing PE4909-1 – Site Plan, provided in the Figures section following the text.

Interior Assessment

381 Churchill Avenue

A general description of the interior of the residential building finishes are as follows:

- Floors consist of carpet, ceramic tiles, laminate flooring, hardwood and concrete in the basement;
- Walls consist of drywall, plaster and concrete in the basement;
- Ceilings consist of drywall and stippled plaster;
- Lighting is provided by fluorescent and incandescent fixtures.

Heating is provided by a natural gas-fired boiler.

Commercial grade paints and cleaning products were stored on-site; all chemicals were properly labelled and stored on shelves in the basement. No concerns were noted with chemical storage at the time of the site visit.

Based on the age of the building (circa 1928) potentially asbestos containing materials (ACMs) observed at the time of the site assessment include drywall joint compound, plaster and ceiling stipple. Lead-based paints (LBPs) may be present in the building. Potential ACMs and LBPs were generally in good condition at the time of the site visit. It is considered likely that any polychlorinated biphenyl (PCB) – containing light ballasts would by now have been replaced by PCB-free ballasts.

380 Winona Avenue

A general description of the interior of the residential building is as follows:

- Floors consist of carpet, ceramic tiles, hardwood flooring, laminate flooring and poured concrete in the basement;
- Walls consist of drywall, plaster and concrete in the basement;
- Ceilings are finished drywall and stippled plaster;
- Lighting is provided by incandescent and fluorescent fixtures.

The subject building is heated by electrical base-board heaters.

Based on age of the building (constructed prior to 1928) potentially asbestos containing materials (ACMs) observed at the time of the site assessment include drywall joint compound, plaster and ceiling stipple. Lead-based paints (LBPs) may be present on painted surfaces. Potential ACMs and LBPs were generally in good condition at the time of the site visit. It is considered likely that any polychlorinated biphenyl (PCB) – containing light ballasts would by now have been replaced by PCB-free ballasts.

325 and 327 Richmond Road

A general description of the interior of the buildings is as follows:

- Floors consist of carpet, ceramic tiles, hardwood flooring, laminate flooring, vinyl tiles and poured concrete in the basement;
- Walls consist of drywall, lathe and plaster and limestone blocks in the basement;
- Ceilings are finished drywall and stick-on tiles;
- Lighting is provided by incandescent and fluorescent fixtures.

The subject building at 327 Richmond Road was formerly heated using furnace oil. An interior AST was removed in 2013 when the heating system was converted to natural gas fired equipment. Paterson (2012) reported an AST situated on the northern interior wall of 325 Richmond Road in 2012, although the most recent report prepared by Pinchin (2018), reported that at the time of their site visit, there were no fuels or chemicals observed at 325 Richmond Road.

Based on the age of the buildings (circa 1928 and 1956), potential ACMs observed at the time of the site assessment include drywall joint compound, lathe and plaster, vinyl tiles and stick-on tiles. Lead-based paints (LBPs) may be present on painted surfaces.

It should be noted, that at the time of the site visit, the buildings at 325 and 327 Richmond Road were deemed unsafe to enter. The interior descriptions are based on a previous environmental report prepared by Paterson.

319 Richmond Road

A general description of the interior of the automotive garage is as follows:

- The floors throughout the building consist of poured concrete;
- The walls consist of concrete blocks and drywall in the office;

- The ceilings consist of a drywall and suspended ceiling tiles in the office;
- Lighting throughout the building is provided by incandescent and fluorescent fixtures.

The subject building is heated with natural gas fired equipment. A floor drain and two (2) sump pits were observed at the time of the site visit. No water or unusual odour was noted at the time of the visit. No ASTs or evidence of USTs or other fuels or chemicals were observed at the time of the site visit. An oil-water separator was observed on-site. No visible staining or unusual odour was noted at the time of the site visit.

Based on the age of the building (constructed circa 1976), potential ACMs observed at the time of the site assessment include drywall joint compound and suspended ceiling tiles.

Lead-based paints (LBPs) may be present on painted surfaces. Lead-based paints (LBPs) may be present on painted surfaces. Potential ACMs and LBPs were generally in good condition at the time of the site visit. It is considered likely that any polychlorinated biphenyl (PCB) – containing light ballasts would by now have been replaced by PCB-free ballasts.

Fuel and Chemical Storage

According to the previous environmental reports and interview with the property owner, no fuel or chemicals are presently stored on-site.

Wastewater Discharge

Wastewater discharged from the Phase I Property includes wash water and sewage. Several floor drains were observed on the interior of each of the subject structures. All drains appeared to be dry at the time of the site visit.

The floor drains within the former automotive service garage at 319 Richmond Road were dry with no visible staining and no unusual odours. An oil-water separator was observed on-site. No visible staining was observed at the time of the site visit.

Waste Management

Non-hazardous waste and recycling are stored in bins on the east and west sides of 381 Churchill Avenue and 380 Winona Avenue, respectively, on a regular basis by the municipality.

No waste is currently generated at the Richmond Road properties.

Neighbouring Properties

An inspection of the neighbouring properties was conducted from publicly accessible areas at the time of the site visits. Land use adjacent to the Phase I Property was as follows:

- North: Residences;
- South: Richmond Road, followed by commercial retailers;
- East: Winona Avenue followed by commercial businesses and residences; and,
- West: Winston Avenue, followed by commercial businesses.

Land use within the Phase I Study is primarily residential with some commercial and community land use.

No concerns were identified with the current use of the surrounding lands. Surrounding land use within the Phase I Study Area is presented on Drawing PE4909-2 – Surrounding Land Use Plan.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The Phase I Property was initially developed prior to 1928. The northern portion of the Phase I Property (Churchill and Winona Avenue properties) was used primarily for residential purposes and remains residential today. The southern portion of the Phase I Property (or Richmond Road properties) was used primarily for commercial purposes, specifically retail on the western half and an RFO on the eastern half (1939 to 2011) and automotive repair garage (1950s to 2018). The Richmond Road properties have been vacant since Richmond Churchill Limited Partnership purchased the properties in March of 2018. Richmond Churchill Limited Partnership has owned 381 Churchill Avenue and 380 Winona Avenue since March 2018 and March 2020, respectively.

Fill Placement

Based on the historical review and previous reports, imported fill material of unknown quality associated with the demolition and/or backfilling of the former buildings at 323 Richmond Road and 319 Richmond Road (including the former UST nest and pump islands) is expected to be present on the Phase I Property and as such, represents an APEC on the Phase I Property.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on the findings of the historical review, in combination with personal interviews and site visits, eight (8) on-site and two (2) off-site potentially contaminating activities (PCA) as listed in Column A, Table 2 of O.Reg. 153/04 as amended, were considered to result in ten (10) APECs on the Phase I Property:

- PCA 28 – “Gasoline and Associated Products Storage in Fixed Tanks,” associated with a former UST nest situated on the south side of 319 Richmond Road on the southeastern portion of the Phase I Property (APEC 1);
- PCA 28 – “Gasoline and Associated Products Storage in Fixed Tanks,” associated with the former RFO ancillary (i.e. pump islands) situated on the central portion of 319 Richmond Road (APEC 2);

- ❑ PCA 52 – *“Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems,”* associated with an automotive repair garage at 319 Richmond Road (APEC 3);
- ❑ PCA 28 – *“Gasoline and Associated Products Storage in Fixed Tanks,”* associated with the former waste oil AST situated on the southern side of 319 Richmond Road (APEC 4);
- ❑ PCA 28 – *“Gasoline and Associated Products Storage in Fixed Tanks,”* associated with the former furnace oil UST situated on the north exterior wall of 319 Richmond Road (APEC 5);
- ❑ PCA 30 – *“Importation of Fill Material of Unknown Quality,”* associated with fill material used to backfill the UST nests and the former buildings at 319 and 323 Richmond Road (now the eastern portion of 327 Richmond Road) in the 1970s (APEC 6);
- ❑ PCA 28 – *“Gasoline and Associated Products Storage in Fixed Tanks,”* associated with the former interior furnace oil AST at 325 Richmond Road (APEC 7);
- ❑ PCA 28 – *“Gasoline and Associated Products Storage in Fixed Tanks,”* associated with the former interior furnace oil AST at 327 Richmond Road (APEC 8);
- ❑ PCA 37 – *“Operation of Dry Cleaning Equipment,”* associated with a historical presence of a potential dry-cleaner located at 312 Richmond Road (APEC 9); and
- ❑ PCA 28 – *“Gasoline and Associated Products Storage in Fixed Tanks,”* associated with the former presence of 2 USTs at 300 Richmond Road (APEC 10).

The aforementioned PCAs that represent APECs are identified in red on Drawing PE4909-2 – Surrounding Land Use Plan and on Drawing PE4909-1 – Site Plan. Additional PCAs identified within the Phase I Study Area and not considered to result in APECs on the Phase I Property based on their separation distances and/or orientations relative to the subject land, are identified in green on Drawing PE4909-2– Surrounding Land Use Plan.

Contaminants of Potential Concern

Based on the APECs identified on the Phase I Property, the contaminants of potential concern (CPCs) in the soil and/or groundwater beneath the subject land include the following:

- Benzene, ethylbenzene, toluene and xylenes (BTEX);
- Petroleum hydrocarbons (PHCs, Fractions F1-F4);
- Volatile organic compounds (VOCs);
- Polycyclic Aromatic Hydrocarbons (PAHs); and
- Metals including mercury (Hg) and hexavalent chromium (CrVI).

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on the information from NRCAN, bedrock in the area of the site consists of interbedded limestone and dolomite of the Gull River Formation. Based on the maps, the surficial geology consists of plain till with an overburden thickness ranging from 1 to 2 m. The geological setting reported by NRCAN is supported by the findings of previous subsurface investigations.

Based on regional topography, the location of the Ottawa River approximately 730 m to the west of the Phase I Property at its closest point, and our knowledge of the Ottawa area, the groundwater flow in the vicinity of the Phase I Property is expected to be to the northwest.

Fill Placement

Fill material of unknown quality associated with the demolition and/or backfilling of the former buildings at 323 Richmond Road (eastern half of 327 Richmond Road) and 319 Richmond Road (including the former UST nest and pump islands) is expected to be present on the Phase I Property.

Water Bodies and Areas of Natural Significance

No areas of natural significance or water bodies were identified on the Phase I Property or within the Phase I Study Area.

Drinking Water Wells

There are no potable water wells on the Phase I Property or within the Phase I Study Area.

Monitoring Wells

Records of four (4) monitoring wells were identified on the Phase I Property at 319 Richmond Road in 2017 associated with the previous Phase II ESA investigation conducted by Golder Associates. No other well records were identified for the Phase I Property.

Based on the monitoring well records, the general stratigraphy on the Phase I Property consists of sand followed by limestone bedrock. Bedrock was reportedly encountered at depths ranging from approximately 0.61 to 2.0 m below grade. A copy of the well records has been included in Appendix 2.

Existing Buildings and Structures

The parcel of land addressed 381 Churchill is occupied by a 3-storey residential apartment building. The building, considered to have been constructed circa 1928, is of a poured concrete foundation construction with an exterior finished in red brick with a flat, tar-and-gravel style roof.

The parcel of land addressed 381 Winona Avenue is occupied by a 2-storey residential apartment building constructed circa 1928 with an addition constructed circa 1970. The building foundation is of a poured concrete construction with an exterior finished in red brick with a sloped shingle style roof.

The parcel of land addressed 319 Richmond Road is occupied by a single-storey automotive garage with a partial basement level. The building constructed circa 1976 is of a slab-on-grade construction with a partial basement on the eastern side of the building with a concrete block foundation. The building exterior is finished with red brick with a flat, tar-and-gravel style roof. The garage is presently unoccupied by any active business and used solely for storing landscaping equipment.

The parcel of land addressed 325 Richmond Road is occupied by a 2-storey commercial building with a full basement. The building was constructed circa 1956 with a poured concrete foundation and is finished on the exterior with brick and has a flat, tar-and-gravel style roof. The building is presently vacant/abandoned.

The property addressed 327 Richmond Road is occupied by a 2-storey mixed-use building, containing store fronts on the ground level and residential apartments on the upper level. The building was constructed circa 1928 with a limestone block foundation, finished in red brick and a flat, tar-and-gravel style roof. The building is presently vacant/abandoned.

No other buildings or permanent structures are present on the Phase I Property.

Subsurface Structures and Utilities

The Phase I Property is situated in a municipally serviced area. Underground utility services on the subject land include natural gas, electricity, cable, water and sewer services. Services enter the Phase I Property from Churchill Avenue, Winona Avenue and Richmond Road.

No potable wells or private sewage systems were observed on the properties at the time of the site visit. An oil-water separator was observed on the interior of 319 Richmond Road. No other subsurface structures were identified at the time of the site visit.

Based on the depth of standard service trenches, underground services may have the potential to create preferential pathways for contaminant migration.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists of a combination of residential, commercial (offices and retail) and institutional (churches and schools).

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, eight (8) on-site and two (2) off-site PCAs are considered to result in ten (10) APECs on the Phase I Property. The PCAs, APECs and associated contaminants of potential concern (CPCs) are summarized in the Table 3.

Table 3: Areas of Potential Environmental Concern					
Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil, and/or Sediment)
APEC 1: Resulting from a former UST nest	Southeastern portion of the Phase I Property (319 Richmond Road)	PCA: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX PHC (F1-F4)	Soil, Groundwater
APEC 2: Resulting from the former pump islands	Southeastern portion of the Phase I Property (319 Richmond Road)	PCA: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX PHC (F1-F4)	Soil, Groundwater
APEC 3: Resulting from former automotive repair garage	Southeastern portion of the Phase I Property (319 Richmond Road)	PCA: 52 – Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	On-site	BTEX PHC (F1-F4)	Soil, Groundwater
APEC 4: Resulting from former waste oil UST	Southwest corner of the garage (319 Richmond Road)	PCA: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX PHC (F1-F4)	Soil, Groundwater
APEC 5: Resulting from former furnace oil UST	North side of the garage (319 Richmond Road)	PCA: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX PHC (F1-F4)	Soil, Groundwater

Table 3: Areas of Potential Environmental Concern					
Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil, and/or Sediment)
APEC 6: Importation of fill material	Southern portion of the Phase I Property (specifically the eastern half of 327 Richmond Road and 319 Richmond Road	PCA: 30 - Importation of Fill Material of Unknown Quality	On-site	PAHs Metals including Hg, CrVI	Soil, Groundwater
APEC 7: Resulting from a former furnace oil AST	Within the building at 325 Richmond Road	PCA: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX PHC (F1-F4)	Soil, Groundwater
APEC 8: Resulting from a former furnace oil AST	Within the building at 327 Richmond Road	PCA: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX PHC (F1-F4)	Soil, Groundwater
APEC 9: Resulting from former cleaners located at 312 Richmond Road	Southern portion of the Phase I Property	PCA: 37 - Operation of Dry Cleaning Equipment (where chemicals are used)	Off-site	VOC	Groundwater
APEC 10: Resulting from former automotive dealership with 2 USTs	Southeast corner of the Phase I Property	PCA: 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-site	BTEX PHC (F1-F4)	Groundwater

As previously discussed in Section 7.1 and shown in green on Drawing PE4909-2-Surrounding Land Use Plan, additional off-site PCAs were identified within the Phase I Study Area.

Based on their separation distances and/or orientations relative to the Phase I Property, they are not considered to represent APECs on the subject land.

Contaminants of Potential Concern

As per Section 7.1 and Table 3, contaminants of potential concern (CPCs) in the soil and/or groundwater beneath the Phase I Property include the following:

- Benzene, ethylbenzene, toluene and xylenes (BTEX);
- Petroleum hydrocarbons (PHCs, Fractions F1-F4);
- Volatile organic compounds (VOCs);
- Polycyclic Aromatic Hydrocarbons (PAHs); and
- Metals including mercury (Hg) and hexavalent chromium (CrVI)

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I- ESA is considered to be sufficient to conclude that there are historical on-site and off-site PCAs that have resulted in APECs on the Phase I Property. Additional off-site PCAs identified within the study area are not considered to represent APECs on the Phase I Properties based on their separation distances and/or orientations relative to the subject land.

A variety of independent sources were consulted as part of this assessment, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

8.1 Assessment

Paterson Group was retained by Richmond Churchill Limited Partnership to conduct a Phase I-Environmental Site Assessment (ESA) for the properties addressed 381 Churchill Avenue, 380 Winona Avenue and 319, 325 and 327-331 Richmond Road, in the City of Ottawa, Ontario. Together these properties comprise the Phase I Property. The purpose of this Phase I-ESA was to research the past and current use of the Phase I Property and 250m Phase I Study Area, and to identify any environmental concerns with the potential to have impacted the subject land.

According to the historical research, the Phase I Property was first developed for residential and commercial purposes circa 1928. The northwest portion of the site, 381 Churchill Avenue was occupied by the present-day residential building which was used for mixed-use purposes (apartments and office space), while the northeastern portion of the site, 380 Winona Avenue was used for residential purposes only. The southeastern portion of the site, 319 Richmond Road, formerly addressed 319 and 323 Richmond Road was initially developed with two (2) commercial style buildings and redeveloped with the present-day garage between 1965 to 1976. The southwestern portion of the site, 327 Richmond Road was developed circa 1928 with the present-day commercial building. An additional commercial building was constructed at 325 Richmond Road circa 1956, which is the present-day commercial building. Previous environmental reports indicated the past use of furnace oil and respective locations of the former ASTs inside the subject buildings at 325 and 327-331 Richmond Road. The historical presence of furnace oil ASTs at 325 and 327-331 Richmond Road represents APECs on the Phase I Property.

The majority of the Richmond Road properties were listed as commercial retailers, with the exception of 319 Richmond Road, which had operated as a retail fuel outlet and automotive repair garage since 1939. Based on the historical use of the Phase I Property, several on-site potentially contaminating activities (PCAs) associated with the operation of a retail fuel outlet, garage and the redevelopment of the property (i.e. importation of fill material) in the mid-1960s to mid-1970s, and furnace oil storage on-site resulted in APECs on the Phase I Property.

Based on available historical information, adjacent and neighbouring properties within the Phase I Study Area were developed with a combination of residential and commercial properties circa 1928. According to the use of the neighbouring lands, a former dry-cleaner at 312 Richmond Road and an automotive dealership with 2 underground storage tanks (USTs) at 300-310 Richmond Road, located approximately 30m upgradient, were identified as off-site PCAs that represented APECs on the Phase I Property.

Additional off-site historical PCAs identified within the Phase I Study Area were not considered to represent PCAs on the Phase I Property based on their separation distances and/or orientations relative to the subject land.

Following the historical research, a site visit was conducted. The northern portion of the Phase I Property is currently occupied by two (2) residential apartment buildings, while the southern portion of the Phase I Property is occupied by three (3) commercial buildings. The former automotive garage at 319 Richmond Road is presently used to store landscaping equipment. Two (2) commercial buildings at 325 and 327 Richmond Road are abandoned. No PCAs were identified with the current use of the Phase I Property.

The current uses of the adjacent and neighbouring properties within the Phase I Study Area include a combination of residential, commercial and community uses. One existing off-site PCA, 424 Richmond Road (drycleaner), approximately 105 m southwest of the subject land was identified within the Phase I Study Area at the time of the site visit. Based on the separation distance and expected groundwater flow direction in the immediate area of the dry cleaner, it is not expected to pose a risk to the Phase I Property.

8.2 Recommendations

Based on the findings of the Phase I ESA, it is **our opinion that a Phase II-Environmental Site Assessment is required for the Phase I Property.**

Based on the age of the subject buildings, potentially asbestos containing materials (ACMs) observed include drywall joint compound, plaster/lathe and plaster, ceiling stipple, vinyl tiles, stick-on ceiling tiles and suspended ceiling tiles. Lead-based paints may also be present within the buildings.

It is our understanding that the subject buildings will be demolished in conjunction with future redevelopment. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for each of the existing building structures, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

9.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and meets the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

Should any conditions be encountered at the subject site and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of Richmond Churchill Limited Partnership. Permission from Richmond Churchill Limited Partnership and Paterson will be required to release this report to any other party.

Paterson Group Inc.



Mandy Witteman, B.Eng., M.A.Sc.



Mark D'Arcy, P.Eng., QP_{ESA}



Report Distribution:

- Richmond Churchill Limited Partnership
- Paterson Group

10.0 REFERENCES

Federal Records

Air photos at the Energy Mines and Resources Air Photo Library.
National Archives.
Maps and photographs (Geological Survey of Canada surficial and subsurface mapping).
Natural Resources Canada – The Atlas of Canada.
Environment Canada, National Pollutant Release Inventory.
PCB Waste Storage Site Inventory.

Provincial Records

MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP document titled “Waste Disposal Site Inventory in Ontario”.
MECP Brownfields Environmental Site Registry.
MNR Areas of Natural Significance.
MECP Water Well Record Inventory.
Chapman, L.J., and Putnam, D.F., 1984: ‘The Physiography of Southern Ontario, Third Edition’, Ontario Geological Survey Special Volume 2.

Municipal Records

City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.
Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.
geoOttawa: City of Ottawa electronic mapping website.
City of Ottawa Historical Land Use Inventory (HLUI) Database

Local Information Sources

Personal Interviews
Chain of Title
Previous Engineering Reports
Survey Plan by Farley, Smith & Denis Surveying Ltd., dated July 11, 2019

Public Information Sources

Google Earth.
Google Maps/Street View.

Private Information Sources

ERIS Report

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE4909-1 – SITE PLAN

DRAWING PE4909-2 – SURROUNDING LAND USE PLAN

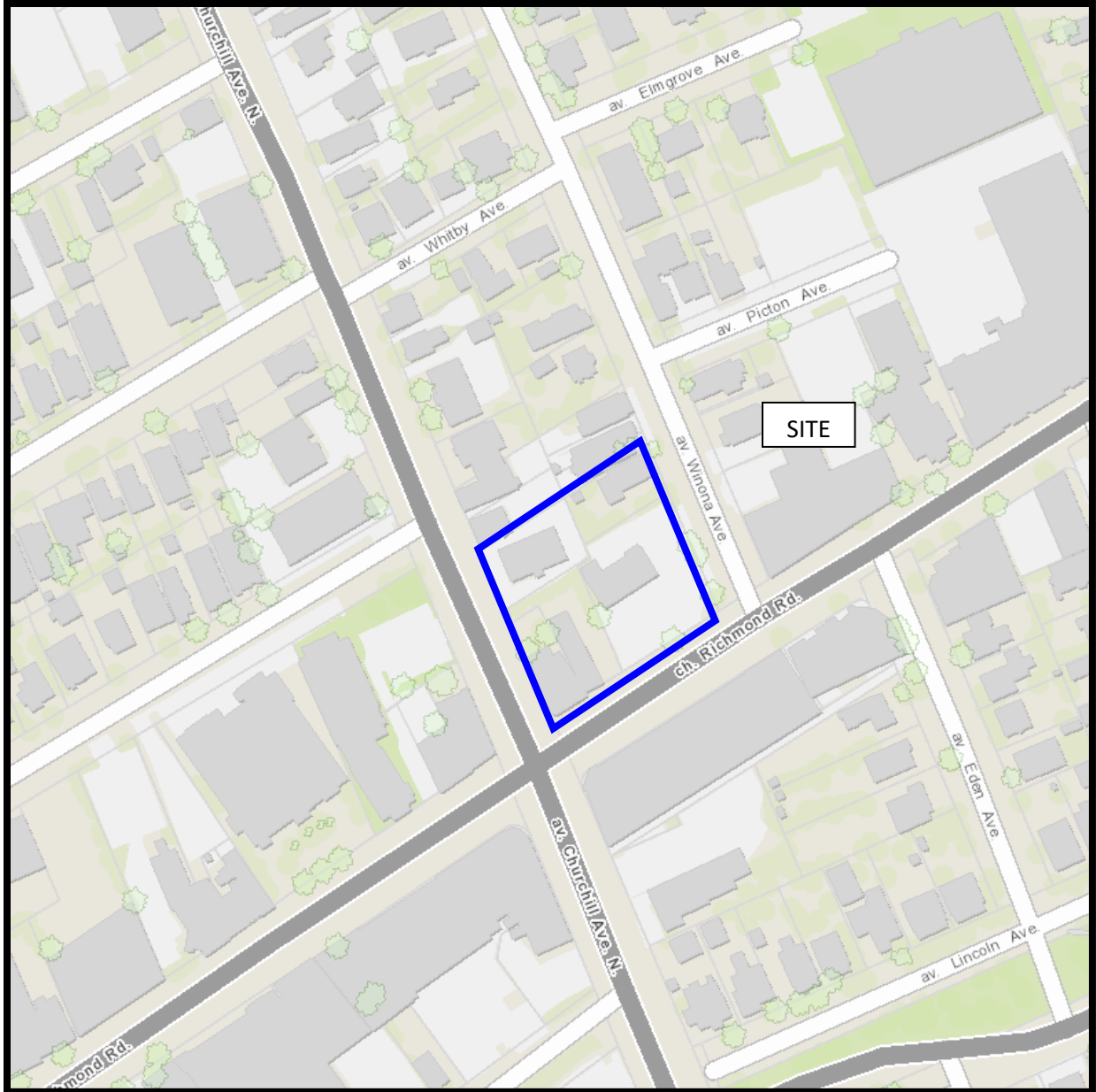
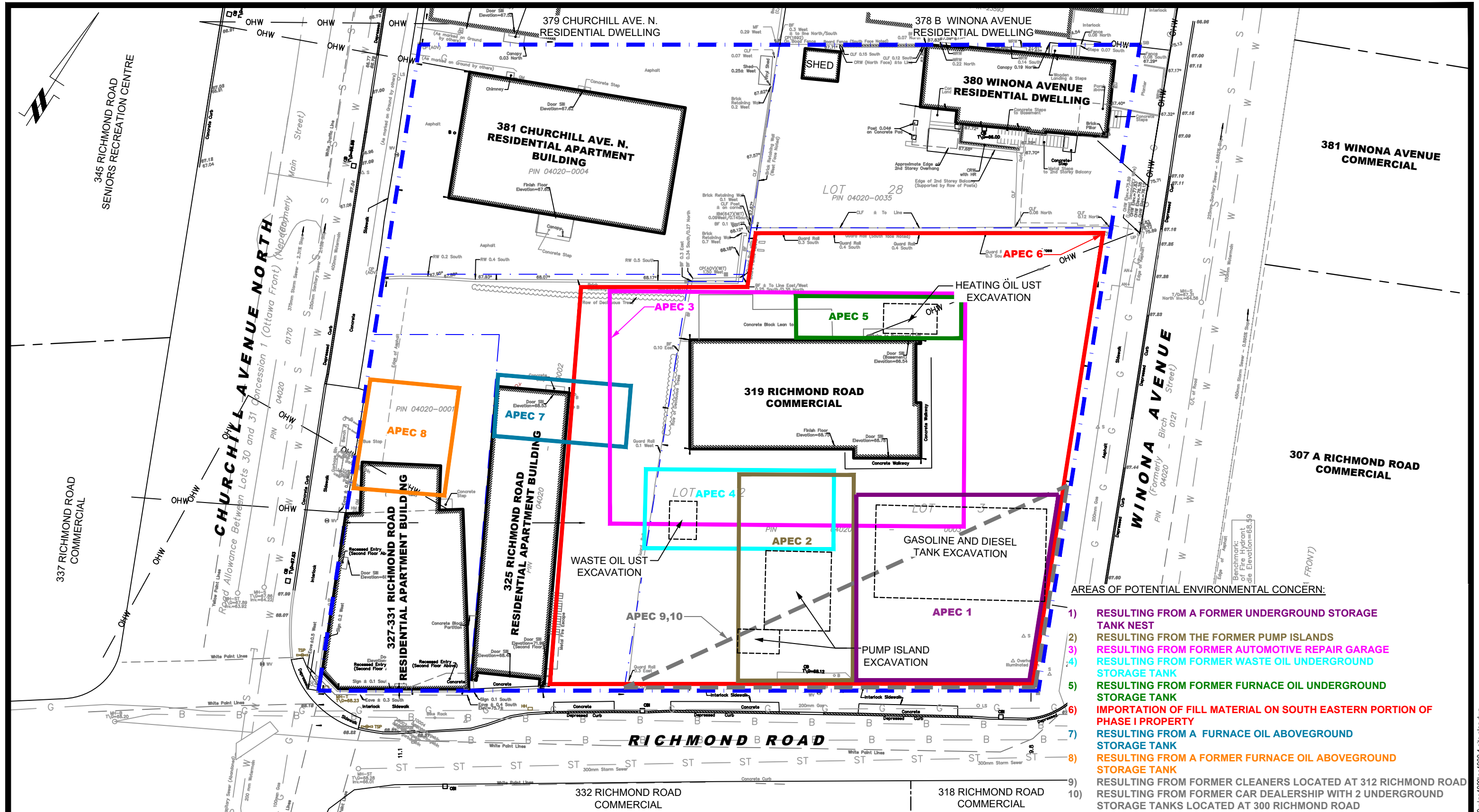


FIGURE 1
KEY PLAN



FIGURE 2
TOPOGRAPHIC MAP



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consulting engineers

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NO.	REVISIONS	DATE	INITIAL

RICHMOND CHURCHILL LIMITED PARTNERSHIP
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
380 WINONA AVENUE, 381 CHURCHILL AVENUE, 319, 325 AND 327-331 RICHMOND ROAD
OTTAWA, ONTARIO
Title: **SITE PLAN**

Scale:	1:300	Date:	05/2020
Drawn by:	YA	Report No.:	PE4909-1
Checked by:	MW	Dwg. No.:	PE4909-1
Approved by:	MSD	Revision No.:	

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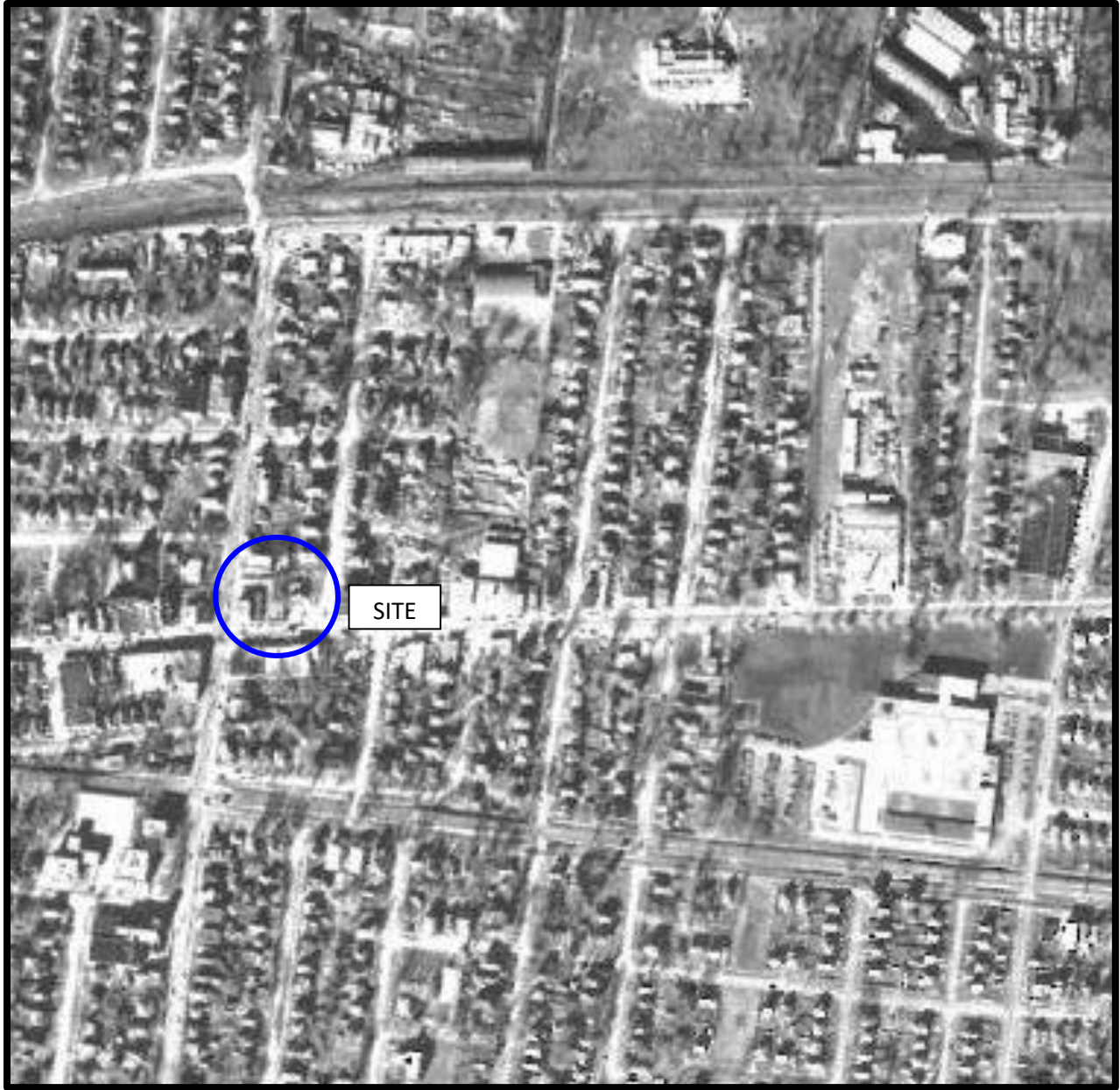
APPENDIX 1

AERIAL PHOTOGRAPHS

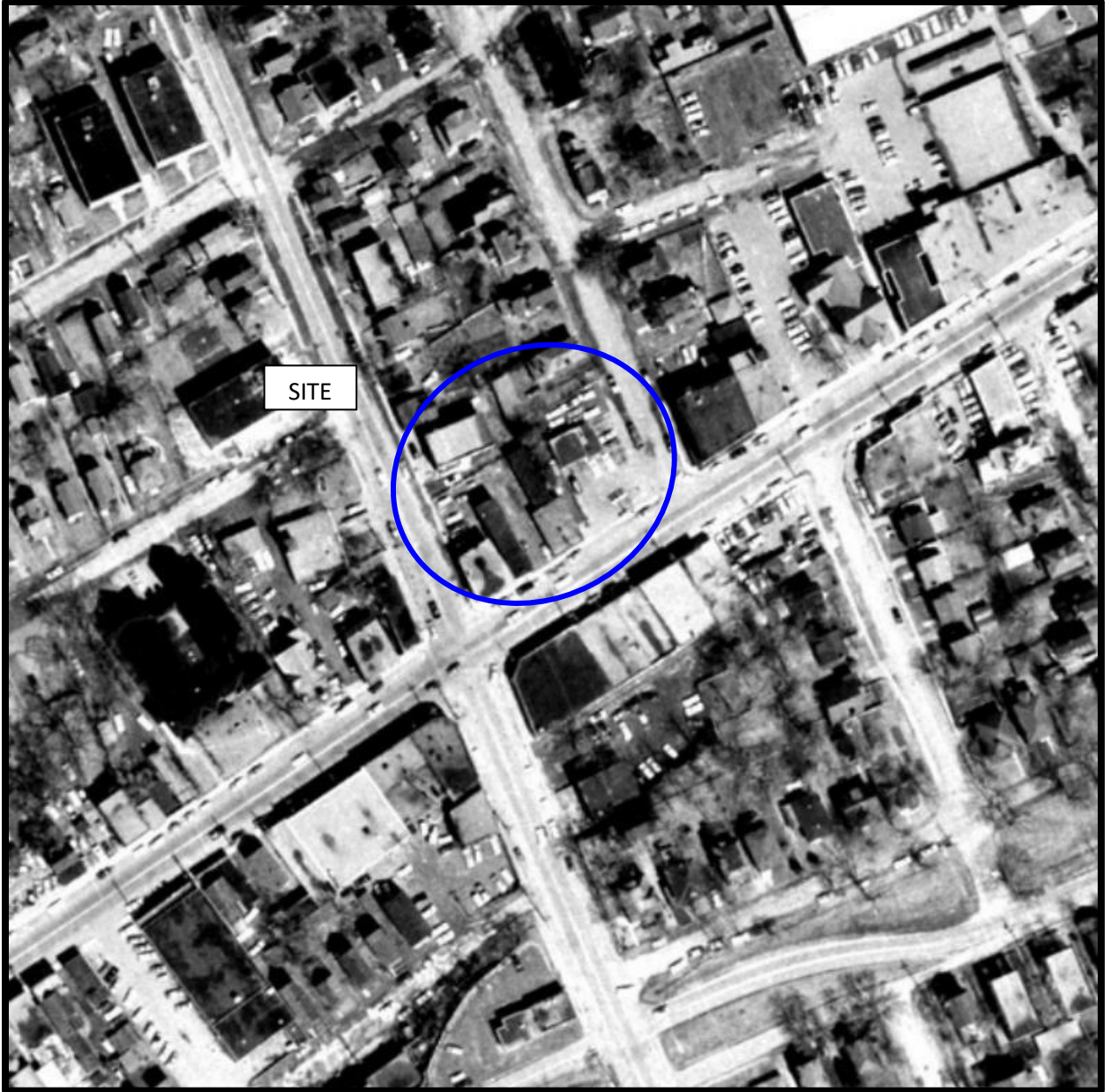
SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH
1928



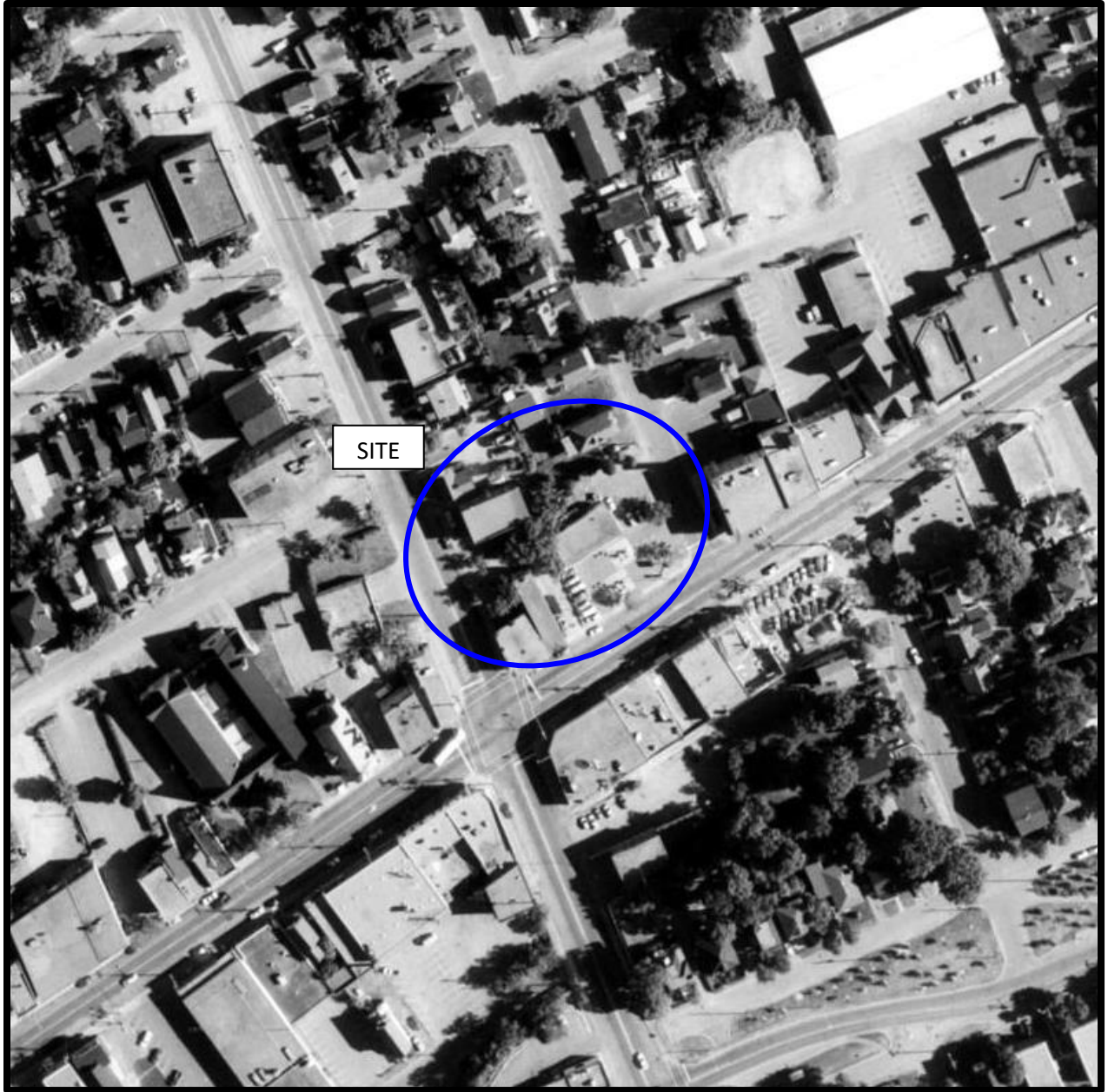
AERIAL PHOTOGRAPH
1958



AERIAL PHOTOGRAPH
1965



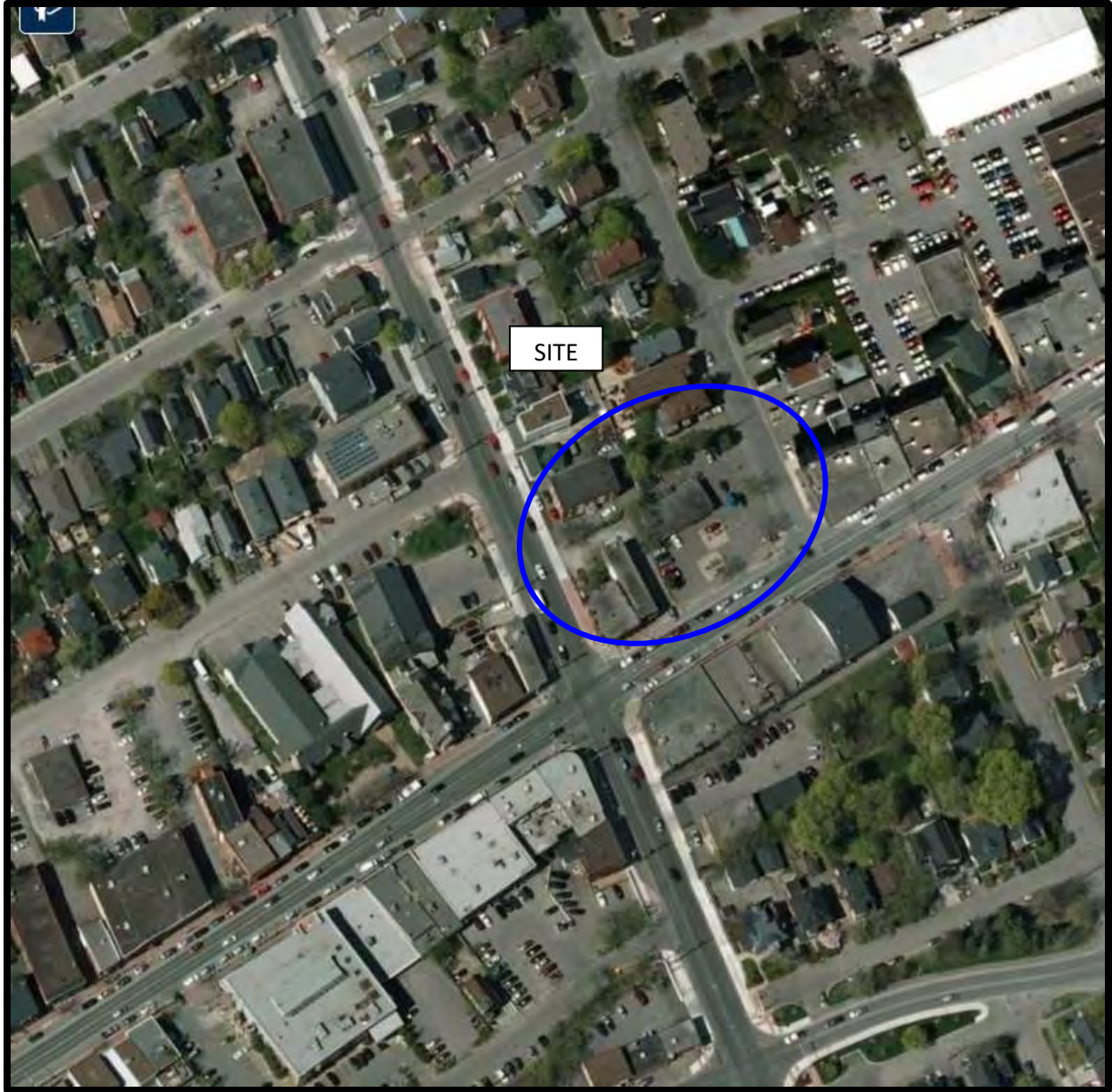
AERIAL PHOTOGRAPH
1976



AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2017

Site Photographs

PE4909

381 Churchill Avenue, 380 Winona Avenue; and
319, 325 and 327 Richmond Road, Ottawa, ON

May 19, 2020



Photograph 1: View of the former automotive repair garage at 319 Richmond Road.



Photograph 2: View of commercial and mixed-used buildings at 325 and 327 Richmond Road, respectively.

Site Photographs

PE4909

381 Churchill Avenue, 380 Winona Avenue; and
319, 325 and 327 Richmond Road, Ottawa, ON

May 19, 2020



Photograph 3: West side of 327 Richmond Road, taken from Churchill Avenue.



Photograph 4: North view of 325 and 327 Richmond Road, looking towards Richmond Road.

Site Photographs

PE4909

381 Churchill Avenue, 380 Winona Avenue; and
319, 325 and 327 Richmond Road, Ottawa, ON

May 19, 2020



Photograph 5: View of the residential apartment building at 381 Churchill Avenue.



Photograph 6: View of the residential building at 380 Winona Avenue.

APPENDIX 2

MECP WELL RECORDS

TSSA RESPONSE

HLUI SEARCH

ERIS REPORT



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7292792
 Well Audit Number: C36222
 Well Tag Number: A191633

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	
Township	NEPEAN TOWNSHIP
Lot	031
Concession	OF 01
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441029.00 Northing: 5026841.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	------------------------------------------	---------------

Method of Construction & Well Use

Method of Construction Well Use

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
------------------------	------------------------------	-------------------	-----------------

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
-------------------------	-----------------	-------------------	-----------------

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7543

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
----------------------------	------------------------------	---------------------------	-----------------------------

SWL

1		1	
---	--	---	--

2		2	
---	--	---	--

3		3	
---	--	---	--

4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
------------	----------	----------

Audit Number: C36222

Date Well Completed: July 27, 2017

Date Well Record Received by MOE: August 17, 2017

Updated: January 24, 2020

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11

1532963

Municipality Con.

ISS02

475 Richmond Rd

County or District Ottawa - Chateaufort		Township/Borough/City/Town/Village City of Ottawa		Con block tract survey, etc. Lot	
Address Ottawa, Ont			Date completed 21 06 02 day month year		
Northing		RC		Elevation	
RC		Basin Code		ii	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
grey	Sand & gravel limestone			0	4
				4	51

31 _____

32 _____

41 WATER RECORD

Water found at - feet	Kind of water
10-13	1 <input checked="" type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas
15-18	1 <input checked="" type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas
20-23	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas
25-28	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas
30-33	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
6 1/4	1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	188	0	6
8 3/4	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic		0	4
6	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic		4	51

SCREEN

Sizes of opening (Slot No.)	Diameter inches	Length feet
Material and type	Depth at top of screen feet	

61 PLUGGING & SEALING RECORD

<input type="checkbox"/> Annular space		<input type="checkbox"/> Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)	
From	To		
10-13	14-17		
18-21	22-25		
26-29	30-33		

71 PUMPING TEST

Pumping test method 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer	Pumping rate 113 GPM	Duration of pumping 1 Hours 17-18 Mins
Static level 13 feet	Water level end of pumping 22-24 feet	Water levels during 1 <input type="checkbox"/> Pumping 2 <input checked="" type="checkbox"/> Recovery
	15 minutes 45 feet	30 minutes 39 feet
	45 minutes 33 feet	60 minutes 31 feet
If flowing give rate GPM	Pump intake set at feet	Water at end of test <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy
Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep	Recommended pump setting feet	Recommended pump rate 113 GPM

LOCATION OF WELL

In diagram below show distances of well from road and lot line. Indicate north by arrow.

475 Richmond Rd.

126'

237915

FINAL STATUS OF WELL

1 <input checked="" type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished
2 <input type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well
3 <input type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)	
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering	

WATER USE

1 <input checked="" type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input checked="" type="checkbox"/> Not use
2 <input type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply	
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning	

METHOD OF CONSTRUCTION

1 <input type="checkbox"/> Cable tool	5 <input checked="" type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving
2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting	

Name of Well Contractor Air-Rock Drilling Co Ltd	Well Contractor's Licence No. 1119
Address KR 22 Sussex St	
Name of Well Technician Shannon Purcell	Well Technician's Licence No. TD122
Signature of Technician/Contractor	Submission date 10 07 02 day mo year

MINISTRY USE ONLY

Data source	Contractor 1119	Date received JUL 29 2002
Date of inspection	Inspector	
Remarks CSS.ES2		

Master Well Owner's and Land Owner's Information

First Name: 255 Richmond Road Holdings
Last Name: 255 Richmond Road Holdings
E-mail Address: [blank]
Mailing Address (Street Number/Name, RR): 255 Richmond Road
Municipality: Ottawa
Province: ON
Postal Code: [blank]
Telephone No. (inc. area code): 613

Location and Construction of the Master Well in the Cluster

Address of Well Location (Street Number/Name, RR): 255 Richmond Road
Township: [blank]
Lot: [blank]
Concession: [blank]
County/District/Municipality: [blank]
City/Town/Village: Ottawa
Province: Ontario
Postal Code: [blank]

UTM Coordinates: NAD 83 Zone 18 Easting 441257 Northing 5026972
GPS Unit Make: Garmin Model: Etrex
Mode of Operation: Undifferentiated Averaged
 Differentiated, specify

Overburden and Bedrock Materials (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	Depth (Metres) To
Brown	Fill	Sand & gravel	dry	0	2.3
Brown	Fill	Boulders + cobbles		2.3	4.5
Grey	Bedrock	limestone		4.5	7.5

Hole Details

Depth (Metres) From	Depth (Metres) To	Diameter (Centimetres)
0	4.57	20
4.57	7.5	10

Water Use

Public Industrial Not used Other, specify
 Domestic Commercial Dewatering
 Livestock Municipal Monitoring
 Irrigation Test Hole Cooling & Air Conditioning

Method of Construction

Cable Tool Air Percussion Digging
 Rotary (Conventional) Diamond Boring
 Rotary (Reverse) Jetting Other, specify
 Rotary (Air) Driving HSA

Status of Well

Test Hole Abandoned, Insufficient Supply
 Replacement Well Abandoned, Poor Water Quality
 Dewatering Well Other, specify
 Alteration (Construction) Abandoned, other, specify

No Casing and Screen Used

Open Hole Yes No 6.77 Metres

Screen

Galvanized Steel Fibreglass Concrete Plastic
 Outside Diameter (Centimetres): 5.8 Slot No.: 10

Construction Details

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From	Depth (Metres) To
5.1	PVC	sched 40	0	5.8

Water Details

Water found at Depth: [blank] Metres Gas Fresh Salty Sulphur Minerals
 Water found at Depth: [blank] Metres Gas Fresh Salty Sulphur Minerals
 Water found at Depth: [blank] Metres Gas Fresh Salty Sulphur Minerals

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	Depth Set at (Metres) To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
0	0.3	Bentonite	40 Kgs
4.8	5.0	*	

Disinfected Yes No If no, provide reason: [blank] Date Master Well Completed (yyyy/mm/dd): 2005/10/17

Cluster Information (Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.)

Total Wells in Cluster: 2
 Total Wells on this Property: unknown
 Please indicate Number of Cluster Well Information Log Sheets Submitted: 1

Location of Well Cluster

Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed.
 Check box to confirm detailed map is provided as per Section 11.1 (3)

Consent to release additional information concerning the cluster to the Director upon request

Signature of Technician/Contractor: [blank] Date (yyyy/mm/dd): [blank]

Well Contractor and Well Technician Information

Business Name of Well Contractor: George Downing Estate Drilling Ltd
 Well Contractor's Licence No.: 1844
 Business Address (Street No./Name, number, RR): 410 Rue Principale Grenville-sur-la-Rouge
 Municipality: [blank]
 Province: QC Postal Code: J0V1B0 Business E-mail Address: downing@xplonet.com
 Bus. Telephone No. (inc. area code): 819 242 6469 Name of Well Technician (Last Name, First Name): Downing, Bruce
 Well Technician's Licence No.: 173 Signature of Technician: [Signature] Date Submitted (yyyy/mm/dd): 2008/16/29

Audit No.: M 02900
 Date Received (yyyy/mm/dd): NOV 24 2008
 Well Contractor No.: [blank]
 Date of Inspection (yyyy/mm/dd): [blank]
 Remarks: [blank]



LEGEND

- MW3** MONITORING WELL LOCATION AND NUMBER
- BH2** BOREHOLE LOCATION AND NUMBER

Trow Associates Inc.
 154 Colonnade Road South, Ottawa, Ontario K2E 7J5 Tel: (613) 225-9940 Fax: (613) 225-7337

DATE OCT 2008	CLIENT GIBSONS LLP	JOB No. OTEN00019750A
DESIGN CH	CHECKED CTK	SCALE 1:500±
DRAWN RG		TITLE BOREHOLE & MONITORING WELL LOCATION PLAN 255 RICHMOND ROAD, OTTAWA, ON.
		FIG 2

C-1844 m02900 C01995

NOV 24 2008

Measurements recorded in: Metric Imperial

A 085405

A085405

Page 1 of 3

Address of Well Location (Street Number/Name) **Tweedsmuir North of Richmond Rd** Township **OTH** Lot _____ Concession _____
 County/District/Municipality _____ City/Town/Village **Ottawa** Province **Ontario** Postal Code _____
 UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other
 NAD 83 **184412995026953**

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To

Annular Space

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0' 05'	cement	
05' 12'	Bentinite	
12' 23'	Sand	

Results of Well Yield Testing

After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason: 	Static Level			
	1		1	
Pump intake set at (m/ft)	2		2	
Pumping rate (l/min / GPM)	3		3	
Duration of pumping _____ hrs + _____ min	4		4	
Final water level end of pumping (m/ft)	5		5	
If flowing give rate (l/min / GPM)	10		10	
	15		15	
Recommended pump depth (m/ft)	20		20	
	25		25	
Recommended pump rate (l/min / GPM)	30		30	
	40		40	
Well production (l/min / GPM)	50		50	
	60		60	
Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No				

Method of Construction **Well Use**

Cable Tool Diamond Public Commercial Not used
 Rotary (Conventional) Jetting Domestic Municipal Dewatering
 Rotary (Reverse) Driving Livestock Test Hole Monitoring
 Boring Digging Irrigation Cooling & Air Conditioning
 Air percussion Industrial
 Other, specify _____ Other, specify _____

Construction Record - Casing **Status of Well**

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____
			From	To	
1.25"	Plastic	0.25"	0'	13'	

Construction Record - Screen

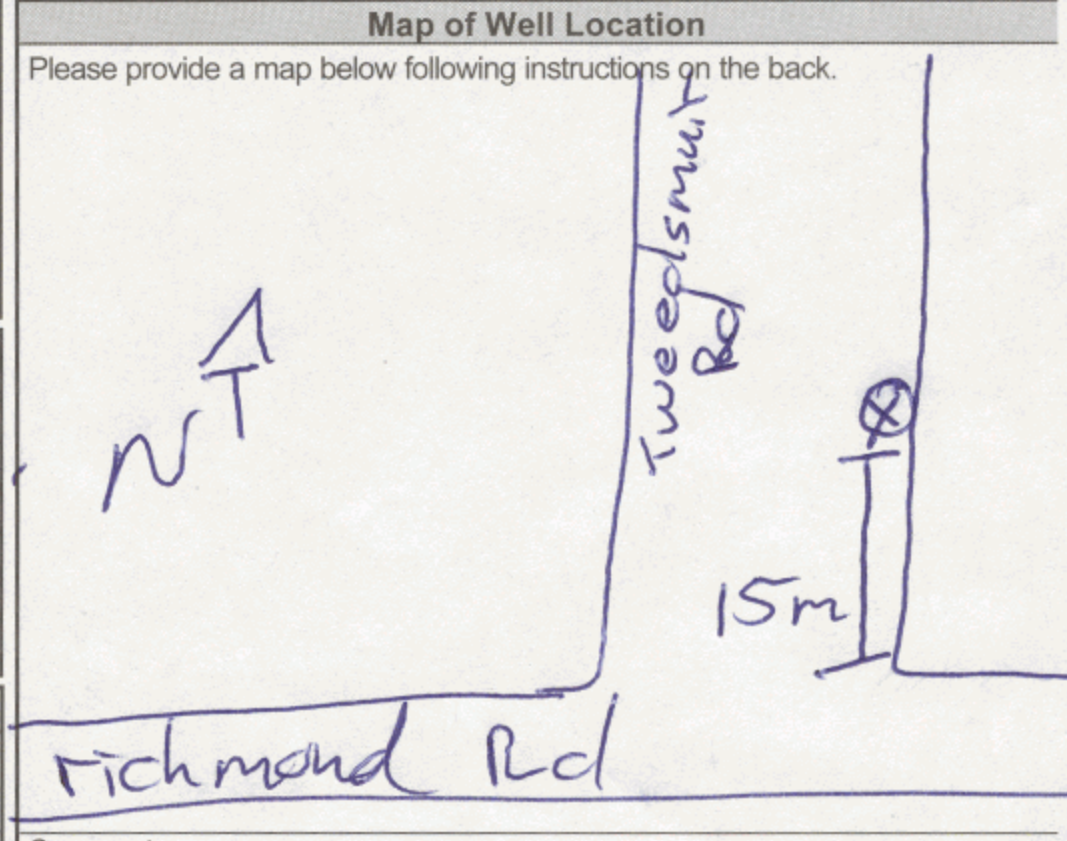
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
1.5"	Plastic	10	13'	23'

Water Details **Hole Diameter**

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Depth (m/ft)		Diameter (cm/in)
		From	To	
		0'	23'	3.25"

Well Contractor and Well Technician Information

Business Name of Well Contractor: **Strata Soil Sampling** Well Contractor's Licence No.: **7241**
 Business Address (Street Number/Name): **2-147 West Beaver Creek** Municipality: **Richmond Hill**
 Province: **ON** Postal Code: **L4B1C6** Business E-mail Address: **wrecords@stratasoil.com**
 Bus. Telephone No. (inc. area code): **9057649304** Name of Well Technician (Last Name, First Name): **Mait, Mike**
 Well Technician's Licence No.: **3448** Signature of Technician and/or Contractor: *[Signature]* Date Submitted: **2009/11/15**



Comments: _____

Well owner's information package delivered **Date Package Delivered**

Yes No **2009/1/05**
2009/1/05

Ministry Use Only

Audit No. **2106621**
DEC 21 2009
 Received

Measurements recorded in: Metric Imperial

A106747

A106747

8917 Page 1 of 4

Well Owner's Information

First Name: Last Name / Organization: **Ultramar Fuels** E-mail Address: Well Constructed by Well Owner

Mailing Address (Street Number/Name): **2200 McGill College Avenue** Municipality: **Montreal** Province: **QC** Postal Code: **H3A 3L3** Telephone No. (inc. area code): **(514) 363-6949**

Well Location

Address of Well Location (Street Number/Name): **389 Wilmore Ave** Township: Lot: Concession:

County/District/Municipality: City/Town/Village: **Ottawa** Province: **Ontario** Postal Code:

UTM Coordinates: Zone: Easting: **18440730** Northing: **5026919** Municipal Plan and Sublot Number: Other:

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
GRY	fill	stones	soft, loose	0	.31
GRY	shale		fractured layered	.31	1.83
GRY	limestone		hard	1.83	4.67

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0 .31	concrete/monument	
.31 .91	benfonite	
.91 4.67	filter sand	

Results of Well Yield Testing				
After test of well yield, water was:	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify				
If pumping discontinued, give reason:	Static Level			
	1		1	
Pump intake set at (m/ft)	2		2	
Pumping rate (l/min / GPM)	3		3	
	4		4	
Duration of pumping hrs + min	5		5	
Final water level end of pumping (m/ft)	10		10	
If flowing give rate (l/min / GPM)	15		15	
	20		20	
Recommended pump depth (m/ft)	25		25	
Recommended pump rate (l/min / GPM)	30		30	
	40		40	
Well production (l/min / GPM)	50		50	
	60		60	
Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No				

Method of Construction		Well Use		
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Dewatering
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input checked="" type="checkbox"/> Test Hole	<input checked="" type="checkbox"/> Monitoring
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning	
<input checked="" type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial		
<input type="checkbox"/> Other, specify		<input type="checkbox"/> Other, specify		

Construction Record - Casing			Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)	
			From	To
5.20	PVC	.360	+1	1.22

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
6.03	PVC	10	1.22	4.67

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft)	Diameter (cm/in)
		0 1.52	11.43
		1.52 4.67	7.62

Well Contractor and Well Technician Information

Business Name of Well Contractor: **Strata Soil Sampling** Well Contractor's Licence No.: **7241**

Business Address (Street Number/Name): **147-2 West Beaver Creek Rd Richmond Hill** Municipality:

Province: **ON** Postal Code: **L4B 1C6** Business E-mail Address: **wrecords@stratasoil.com**

Bus. Telephone No. (inc. area code): **9057649304** Name of Well Technician (Last Name, First Name): **Beatty Brian**

Well Technician's Licence No.: **3616** Signature of Technician and/or Contractor: *[Signature]* Date Submitted: **20110814**

Map of Well Location

Please provide a map below following instructions on the back.

See Map

Well owner's information package delivered: Yes No

Date Package Delivered: **20110814**

Date Work Completed: **20110814**

Ministry Use Only

Audit No.: **z129551**

AUG 23 2011

Received

Measurements recorded in: Metric Imperial

A106748

A106748

8917 Page 2 of 4

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
	Ultramar Fuels		
Mailing Address (Street Number/Name)	Municipality	Province	Postal Code
2200 McGill College Avenue	Montreal	QC	H3A 3L3
		Telephone No. (inc. area code)	(800) 363-6949

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
389 Wilmore Ave			
County/District/Municipality	City/Town/Village	Province	Postal Code
	Ottawa	Ontario	
UTM Coordinates	Zone	Easting	Northing
NAD 83	18	440716	5026927
Municipal Plan and Sublot Number		Other	

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
GRY	fill	boulders	loose, hard	0	.61
GRY	shale		layered	.61	1.83
GRY	limestone		hard	1.83	4.67

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0 .31	concrete/monument	
.31 1.22	bentonite	
1.22 4.67	filter sand	

Method of Construction		Well Use	
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input checked="" type="checkbox"/> Test Hole
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning
<input checked="" type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial	
<input type="checkbox"/> Other, specify		<input type="checkbox"/> Other, specify	

Construction Record - Casing			Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)	
			From	To
5.20	PVC	.360	1	1.22

<input type="checkbox"/> Water Supply	<input type="checkbox"/> Replacement Well
<input checked="" type="checkbox"/> Test Hole	<input type="checkbox"/> Recharge Well
<input type="checkbox"/> Dewatering Well	<input checked="" type="checkbox"/> Observation and/or Monitoring Hole
<input type="checkbox"/> Alteration (Construction)	<input type="checkbox"/> Abandoned, Insufficient Supply
<input type="checkbox"/> Abandoned, Poor Water Quality	<input type="checkbox"/> Abandoned, other, specify
<input type="checkbox"/> Other, specify	

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
6.03	PVC	10	1.22	4.67

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft)	Diameter (cm/in)
	<input type="checkbox"/> Fresh <input type="checkbox"/> Untested	0 1.52	11.43
	<input type="checkbox"/> Fresh <input type="checkbox"/> Untested	1.52 4.67	7.62

Well Contractor and Well Technician Information	
Business Name of Well Contractor	Well Contractor's Licence No.
Strata Soil Sampling	3240
Business Address (Street Number/Name)	Municipality
147-2 West Beaver Creek Rd Richmond Hill	
Province	Postal Code
ON	L4B1C6
Business E-mail Address	Name of Well Technician (Last Name, First Name)
wrecords@stratasoil.com	Beatty Brian
Bus. Telephone No. (inc. area code)	Well Technician's Licence No.
9057649304	3016
Signature of Technician and/or Contractor	Date Submitted
<i>[Signature]</i>	20110814

Results of Well Yield Testing				
After test of well yield, water was:	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
<input type="checkbox"/> Clear and sand free				
<input type="checkbox"/> Other, specify				
If pumping discontinued, give reason:	Static Level			
	1		1	
Pump intake set at (m/ft)	2		2	
Pumping rate (l/min / GPM)	3		3	
	4		4	
Duration of pumping	5		5	
hrs + min				
Final water level end of pumping (m/ft)	10		10	
If flowing give rate (l/min / GPM)	15		15	
	20		20	
Recommended pump depth (m/ft)	25		25	
Recommended pump rate (l/min / GPM)	30		30	
	40		40	
Well production (l/min / GPM)	50		50	
	60		60	
Disinfected?	<input type="checkbox"/> Yes <input type="checkbox"/> No			

Map of Well Location	
Please provide a map below following instructions on the back.	
See Map	
Comments:	

Well owner's information package delivered	Date Package Delivered	Ministry Use Only
<input type="checkbox"/> Yes <input type="checkbox"/> No	Y Y Y Y M M D D	
	Date Work Completed	Audit No.
	20110814	z129550
		Received
		AUG 23 2011

Measurements recorded in: Metric Imperial

A106749

A106749

8917 Page 3 of 4

Well Owner's Information

First Name: _____ Last Name / Organization: **UltraMar Fuels** E-mail Address: _____ Well Constructed by Well Owner

Mailing Address (Street Number/Name): **2200 McGill College Avenue** Municipality: **Montreal** Province: **QC** Postal Code: **H3A 3L3** Telephone No. (inc. area code): **(514) 363-6949**

Well Location

Address of Well Location (Street Number/Name): **389 Wilmonte Ave** Township: _____ Lot: _____ Concession: _____

County/District/Municipality: _____ City/Town/Village: **Ottawa** Province: **Ontario** Postal Code: _____

UTM Coordinates: Zone **18** Easting **84907105** Northing **026922** Municipal Plan and Sublot Number: _____ Other: _____

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
GRY	fill	stones	soft, loose	0	.31
GRY	shale		layered	.31	1.83
GRY	limestone		hard	1.83	4.67

Annular Space

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0 .31	concrete/monument	
.31 .91	benstonite	
.91 4.67	filter sand	

Results of Well Yield Testing

After test of well yield, water was:	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____	Static Level			
If pumping discontinued, give reason:	1		1	
Pump intake set at (m/ft)	2		2	
Pumping rate (l/min / GPM)	3		3	
Duration of pumping hrs + min	4		4	
Final water level end of pumping (m/ft)	5		5	
If flowing give rate (l/min / GPM)	10		10	
	15		15	
	20		20	
Recommended pump depth (m/ft)	25		25	
Recommended pump rate (l/min / GPM)	30		30	
Well production (l/min / GPM)	40		40	
Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No	50		50	
	60		60	

Method of Construction

Cable Tool Diamond Public Commercial Not used
 Rotary (Conventional) Jetting Domestic Municipal Dewatering
 Rotary (Reverse) Driving Livestock Test Hole Monitoring
 Boring Digging Irrigation Cooling & Air Conditioning
 Air percussion Industrial Other, specify _____
 Other, specify _____

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
5.28	PVC	.360	1	1.22	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
6.03	PVC	10	1.22	4.67

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Hole Diameter	
		Depth (m/ft)	Diameter (cm/in)
		From To	
		0 1.52	11.47
		1.52 4.67	7.62

Well Contractor and Well Technician Information

Business Name of Well Contractor: **Strata Soil Sampling** Well Contractor's Licence No.: **7241**

Business Address (Street Number/Name): **147-2 West Beaver Creek Rd** Municipality: **Richmond Hill**

Province: **ON** Postal Code: **L4B1C6** Business E-mail Address: **wrecords@stratasoil.com**

Bus. Telephone No. (inc. area code): **9057649304** Name of Well Technician (Last Name, First Name): **Beatty Brian**

Well Technician's Licence No.: **3616** Signature of Technician and/or Contractor: _____ Date Submitted: **20110814**

Map of Well Location

Please provide a map below following instructions on the back.

See Map

Well owner's information package delivered: Yes No

Date Package Delivered: **20110818**

Date Work Completed: **20110818**

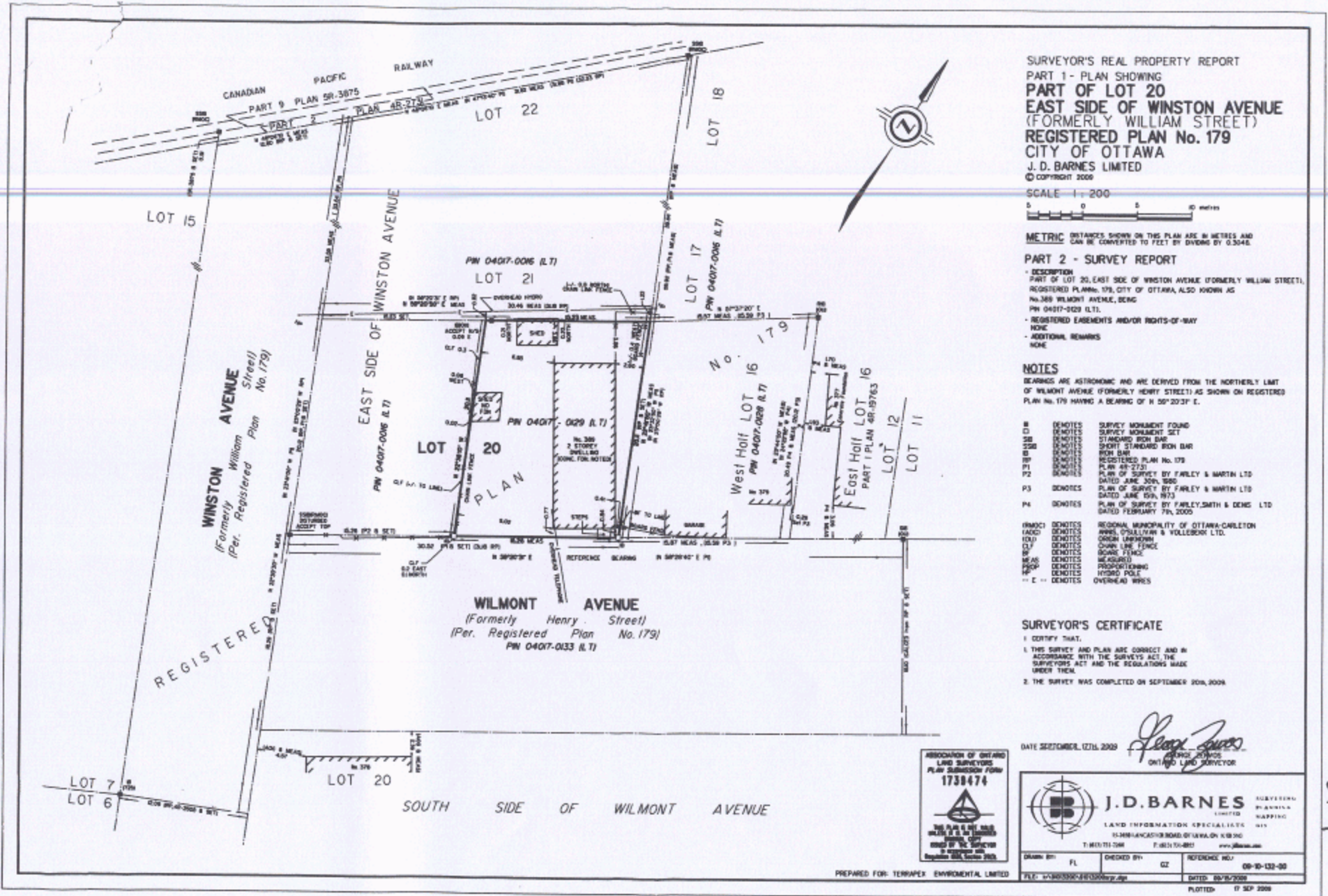
Ministry Use Only

Audit No.: **z129549**

Received: **AUG 23 2011**

C-7241 2129551 2129550 2129549

AUG 23 2011



SURVEYOR'S REAL PROPERTY REPORT
PART 1 - PLAN SHOWING
PART OF LOT 20
EAST SIDE OF WINSTON AVENUE
(FORMERLY WILLIAM STREET)
REGISTERED PLAN No. 179
CITY OF OTTAWA
J. D. BARNES LIMITED
 © COPYRIGHT 2009

SCALE 1:200

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

PART 2 - SURVEY REPORT

- DESCRIPTION: PART OF LOT 20, EAST SIDE OF WINSTON AVENUE (FORMERLY WILLIAM STREET), REGISTERED PLAN No. 179, CITY OF OTTAWA, ALSO KNOWN AS No. 349 WILMONT AVENUE, BEING PIN 04017-029 (L.T.).
- REGISTERED EASEMENTS AND/OR RIGHTS-OF-WAY: NONE
- ADDITIONAL REMARKS: NONE

NOTES

BEARINGS ARE ASTROMONIC AND ARE DERIVED FROM THE NORTHERLY LIMIT OF WILMONT AVENUE (FORMERLY HENRY STREET) AS SHOWN ON REGISTERED PLAN No. 179 HAVING A BEARING OF N 50° 20' 31" E.

- M DENOTES SURVEY MONUMENT FOUND
- SM DENOTES SURVEY MONUMENT SET
- SM2 DENOTES STANCHION IRON BAR
- SM3 DENOTES SHORT STANDARD IRON BAR
- SM4 DENOTES IRON BAR
- SM5 DENOTES REGISTERED PLAN No. 179
- SM6 DENOTES PLAN No. 48-2731
- SM7 DENOTES PLAN OF SURVEY BY FARLEY & MARTIN LTD DATED JUNE 30th 1990
- P3 DENOTES PLAN OF SURVEY BY FARLEY & MARTIN LTD DATED JUNE 09th 1953
- P4 DENOTES PLAN OF SURVEY BY FARLEY, SMITH & DENIS LTD DATED FEBRUARY 7th, 2000
- (RMDC) DENOTES REGIONAL MUNICIPALITY OF OTTAWA-CARLETON
- (ADCO) DENOTES ADAMS, O'SULLIVAN & VOLLESON LTD.
- (CUL) DENOTES CROWN EMPLOYMENT
- CLF DENOTES CHAIN LINE FENCE
- BF DENOTES BOARD FENCE
- MEAS DENOTES MEASURED
- PROP DENOTES PROPORTIONING
- HP DENOTES HYDRO POLE
- E-- DENOTES OVERHEAD WIRE

SURVEYOR'S CERTIFICATE

- I CERTIFY THAT,
 - THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.
 - THE SURVEY WAS COMPLETED ON SEPTEMBER 20th, 2009.

DATE SET DOWN, 12/16, 2009

 J.D. BARNES LIMITED
 SURVEYOR
 ONTARIO LAND SURVEYOR



		SURVEYOR BY ANNUAL MAPPING
LAND INFORMATION SPECIALISTS		
15-1681 KENNEDY ROAD, SUITE 101, K1M 2N6 OTTAWA, ONTARIO TEL: (613) 751-7500 FAX: (613) 751-8853 www.jdbarnes.com		
DRAWN BY: FL	CHECKED BY: CZ	REFERENCE NO.: 09-10-132-00
FILE: W:\04017\029\10132009.dwg		DATED: 09/16/2009
PREPARED FOR: TERRAPEN ENVIRONMENTAL LIMITED		PLOTTED: 17 SEP 2009

Page 4 of 4
8917

Well Location

Address of Well Location (Street Number/Name) 2046 Scott St.		Township	Lot	Concession	
County/District/Municipality		City/Town/Village Ottawa	Province Ontario		Postal Code
UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	
NAD 83	18	441000	5027155		

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
BLK	gravel	asphalt	loose	0	0.31
BRN	sand	stones	soft	0.31	2.13
GRY	sand	silt	packed	2.13	3.1
GRY	limestone		hard	3.1	6.7

Annular Space			Volume Placed (m³/ft³)
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)		
0 - 0.31	flushmount/concrete		
0.31 - 3.66	bestonite		
3.66 - 6.7	filter sand		

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input checked="" type="checkbox"/> Air percussion <input type="checkbox"/> Other, specify <i>Direct Push</i>	<input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify _____ <input type="checkbox"/> Commercial <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Cooling & Air Conditioning <input type="checkbox"/> Not used <input type="checkbox"/> Dewatering <input checked="" type="checkbox"/> Monitoring

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____
			From	To	
	PVC		0	3.66	

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
	PVC	10	3.66	6.7

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Depth (m/ft)	Diameter (cm/in)
0 - 3.1		0 - 3.1	11.43
3.1 - 6.7		3.1 - 6.7	7.62

Well Contractor and Well Technician Information			
Business Name of Well Contractor Strata soil Sampling		Well Contractor's Licence No. 72411	
Business Address (Street Number/Name) 1472 West Beaver Creek Rd		Municipality Richmond Hill	
Province ON	Postal Code L4B1C6	Business E-mail Address wrecords@stratasoil.com	
Bus. Telephone No. (inc. area code) 9057649304		Name of Well Technician (Last Name, First Name) Beatty Brian	
Well Technician's Licence No. 3616		Signature of Technician and/or Contractor <i>[Signature]</i>	
		Date Submitted 20111012	

Results of Well Yield Testing				
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason: Pump intake set at (m/ft) Pumping rate (l/min / GPM) Duration of pumping _____ hrs + _____ min Final water level end of pumping (m/ft) If flowing give rate (l/min / GPM) Recommended pump depth (m/ft) Recommended pump rate (l/min / GPM) Well production (l/min / GPM) Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No	Static Level			
	1		1	
	2		2	
	3		3	
	4		4	
	5		5	
	10		10	
	15		15	
	20		20	
	25		25	
	30		30	
	40		40	
	50		50	
	60		60	

Map of Well Location	
Please provide a map below following instructions on the back.	
Comments:	
Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered YYYYMMDD 20111011
Date Work Completed 20111011	
Ministry Use Only Audit No. z134395 NOV 01 2011 Received	

Measurements recorded in: Metric Imperial

A123766

Tag#: A123766

9143 Page 2 of 2

Address of Well Location (Street Number/Name) 2046 Scott St.		Township	Lot	Concession
County/District/Municipality		City/Town/Village Oshawa	Province Ontario	Postal Code
UTM Coordinates	Zone Easting	Northing	Municipal Plan and Sublot Number	
NAD 83	18441012	5027136		

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)					
General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
BLK	gravel	asphalt	loose	0	.31
BRN	sand	stones	soft	.31	1.52
GRY	sand	silt	packed	1.52	2.13
GRY	limestone		hard	2.13	5.79

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
From	To	
0	.31 flushmount concrete	
.31	2.74 bentonite	
2.74	5.79 filter sand	

Results of Well Yield Testing					
After test of well yield, water was:		Draw Down		Recovery	
<input type="checkbox"/> Clear and sand free	<input type="checkbox"/> Other, specify	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:		Static Level			
Pump intake set at (m/ft)		1		1	
Pumping rate (l/min / GPM)		2		2	
Duration of pumping		3		3	
hrs + min		4		4	
Final water level end of pumping (m/ft)		5		5	
If flowing give rate (l/min / GPM)		10		10	
Recommended pump depth (m/ft)		15		15	
Recommended pump rate (l/min / GPM)		20		20	
Well production (l/min / GPM)		25		25	
Disinfected?		30		30	
<input type="checkbox"/> Yes <input type="checkbox"/> No		40		40	
		50		50	
		60		60	

Method of Construction		Well Use		
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Dewatering
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input checked="" type="checkbox"/> Test Hole	<input checked="" type="checkbox"/> Monitoring
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning	
<input checked="" type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial		
<input checked="" type="checkbox"/> Other, specify		<input type="checkbox"/> Other, specify		

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
			From	To	
	PVC		0	2.74	<input checked="" type="checkbox"/> Water Supply
					<input checked="" type="checkbox"/> Replacement Well
					<input type="checkbox"/> Test Hole
					<input type="checkbox"/> Recharge Well
					<input type="checkbox"/> Dewatering Well
					<input checked="" type="checkbox"/> Observation and/or Monitoring Hole
					<input type="checkbox"/> Alteration (Construction)
					<input type="checkbox"/> Abandoned, Insufficient Supply
					<input type="checkbox"/> Abandoned, Poor Water Quality
					<input type="checkbox"/> Abandoned, other, specify
					<input type="checkbox"/> Other, specify

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
	PVC	10	2.74	5.79

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft)	Diameter (cm/in)
From	To	From	To
0	4.57	11.43	
4.57	5.79	7.62	

Well Contractor and Well Technician Information	
Business Name of Well Contractor Strata Soil Sampling	Well Contractor's Licence No. 7241
Business Address (Street Number/Name) 1472 West Beaver Creek Rd	Municipality Richmond Hill
Province ON	Postal Code L4B1C6
Business E-mail Address wrecords@stratasoil.com	

Bus. Telephone No. (inc. area code) 9057649309	Name of Well Technician (Last Name, First Name) Beatty Brian
Well Technician's Licence No. 3616	Signature of Technician and/or Contractor
Date Submitted 2011/10/12	

Map of Well Location	
Please provide a map below following instructions on the back.	
Comments:	
Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered Y Y Y Y M M D D 2011 10 12
Date Work Completed 2011 10 12	
Ministry Use Only Audit No. z134396 NOV 01 2011	

Measurements recorded in: Metric Imperial

Address of Well Location (Street Number/Name) **337 Richmond Rd** Township _____ Lot _____ Concession _____
 County/District/Municipality _____ City/Town/Village **Ottawa** Province **Ontario** Postal Code _____
 UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other _____
 NAD 83 **484409715026319**

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
Brown	Sand	Gravel	Soft, dry	0	.61
Grey	limestone		Hard, dry	.61	9.14

Annular Space

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0 .31	Concrete / flush mount	
.31 1.5	Benseal	
1.5 9.14	Sand	

Results of Well Yield Testing

After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason: Pump intake set at (m/ft) Pumping rate (l/min / GPM) Duration of pumping _____ hrs + _____ min Final water level end of pumping (m/ft) If flowing give rate (l/min / GPM) Recommended pump depth (m/ft) Recommended pump rate (l/min / GPM) Well production (l/min / GPM) Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No	Static Level			
	1		1	
	2		2	
	3		3	
	4		4	
	5		5	
	10		10	
	15		15	
	20		20	
	25		25	
30		30		
40		40		
50		50		
60		60		

Method of Construction

Cable Tool Diamond Public Commercial Not used
 Rotary (Conventional) Jetting Domestic Municipal Dewatering
 Rotary (Reverse) Driving Livestock Test Hole Monitoring
 Boring Digging Irrigation Cooling & Air Conditioning
 Air percussion Industrial Other, specify _____
 Other, specify _____

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
4.03	PVC	.368	0	1.5	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
4.82	PVC	10	1.5	9.14

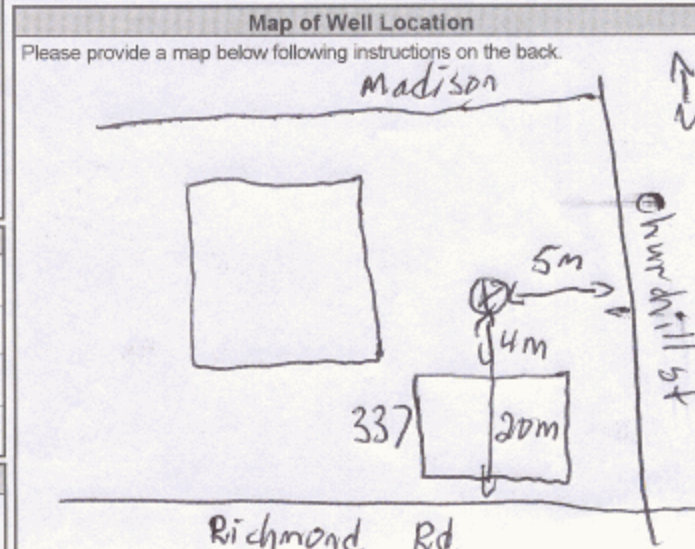
Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Depth (m/ft)	Diameter (cm/in)
0		9.14	5.71

Well Contractor and Well Technician Information

Business Name of Well Contractor: **Strata Soil Sampling** Well Contractor's Licence No.: **7241**
 Business Address (Street Number/Name): **147-2 West Beaver Creek Rd** Municipality: **Richmond Hill**
 Province: **ON** Postal Code: **L4B1C6** Business E-mail Address: **wrecords@stratasoil.com**

Bus. Telephone No. (inc. area code): **9057649304** Name of Well Technician (Last Name, First Name): **Beatty Brian**
 Well Technician's Licence No.: **3616** Signature of Technician and/or Contractor: _____ Date Submitted: **20110911**



Comments:

Well owner's information
 Date Package Delivered: **20110908**
 Date Work Completed: **20110908**

Ministry Use Only
 Audit No.: **z134378**
 Received: **NOV 15 2011**

Measurements recorded in: Metric Imperial

Well Owner's Information

First Name: Ultramar Last Name / Organization: Limited E-mail Address: Well Constructed by Well Owner
Mailing Address (Street Number/Name): 2200 McGill College Ave Municipality: Montreal Province: Quebec Postal Code: H3A3L3 Telephone No. (inc. area code):

Well Location

Address of Well Location (Street Number/Name): 389 Wilmont Avenue Township: Ottawa Lot: 20 Concession:
County/District/Municipality: Ottawa Carleton City/Town/Village: Ottawa Province: Ontario Postal Code:
UTM Coordinates Zone: Easting: Northing: Municipal Plan and Sublot Number: Other:
NAD 83 18 44 07 23 50 26 926 179E

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
			gravel	0	3.34
			MW 500 was tagged		

Annular Space			
Depth Set at (m/ft) From	Depth Set at (m/ft) To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	0.65	hole plug	1 bag
0.65	3.34	filter sand	3 bags

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Air percussion <input type="checkbox"/> Other, specify HS Auger	<input type="checkbox"/> Diamond <input type="checkbox"/> Jetting <input type="checkbox"/> Driving <input type="checkbox"/> Digging <input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify
	<input type="checkbox"/> Commercial <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Cooling & Air Conditioning <input type="checkbox"/> Not used <input type="checkbox"/> Dewatering <input type="checkbox"/> Monitoring

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify
			From	To	
5.2	plastic	0.4	0	0.65	

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
6.0	plastic	10	0.65	3.34

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft) From	Diameter (cm/in) To
		0	22
		3.34	

Well Contractor and Well Technician Information

Business Name of Well Contractor: OGS INC Well Contractor's Licence No.: 691614
 Business Address (Street Number/Name): 5518 Appleton Side Road Municipality: Amante
 Province: Postal Code: Business E-mail Address: Ontario K0A1A0 ogasing@bellnet.ca
 Bus. Telephone No. (inc. area code): Name of Well Technician (Last Name, First Name): 613 2567 666 Strude, Jason
 Well Technician's Licence No.: Signature of Technician and/or Contractor: Date Submitted: 3634 2012 09 24

Results of Well Yield Testing				
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason: Pump intake set at (m/ft) Pumping rate (l/min / GPM) Duration of pumping _____ hrs + _____ min Final water level end of pumping (m/ft) If flowing give rate (l/min / GPM) Recommended pump depth (m/ft) Recommended pump rate (l/min / GPM) Well production (l/min / GPM) Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No	Static Level			
	1		1	
	2		2	
	3		3	
	4		4	
	5		5	
10		10		
15		15		
20		20		
25		25		
30		30		
40		40		
50		50		
60		60		

Map of Well Location

Please provide a map below following instructions on the back.

Site plan and area map are enclosed.

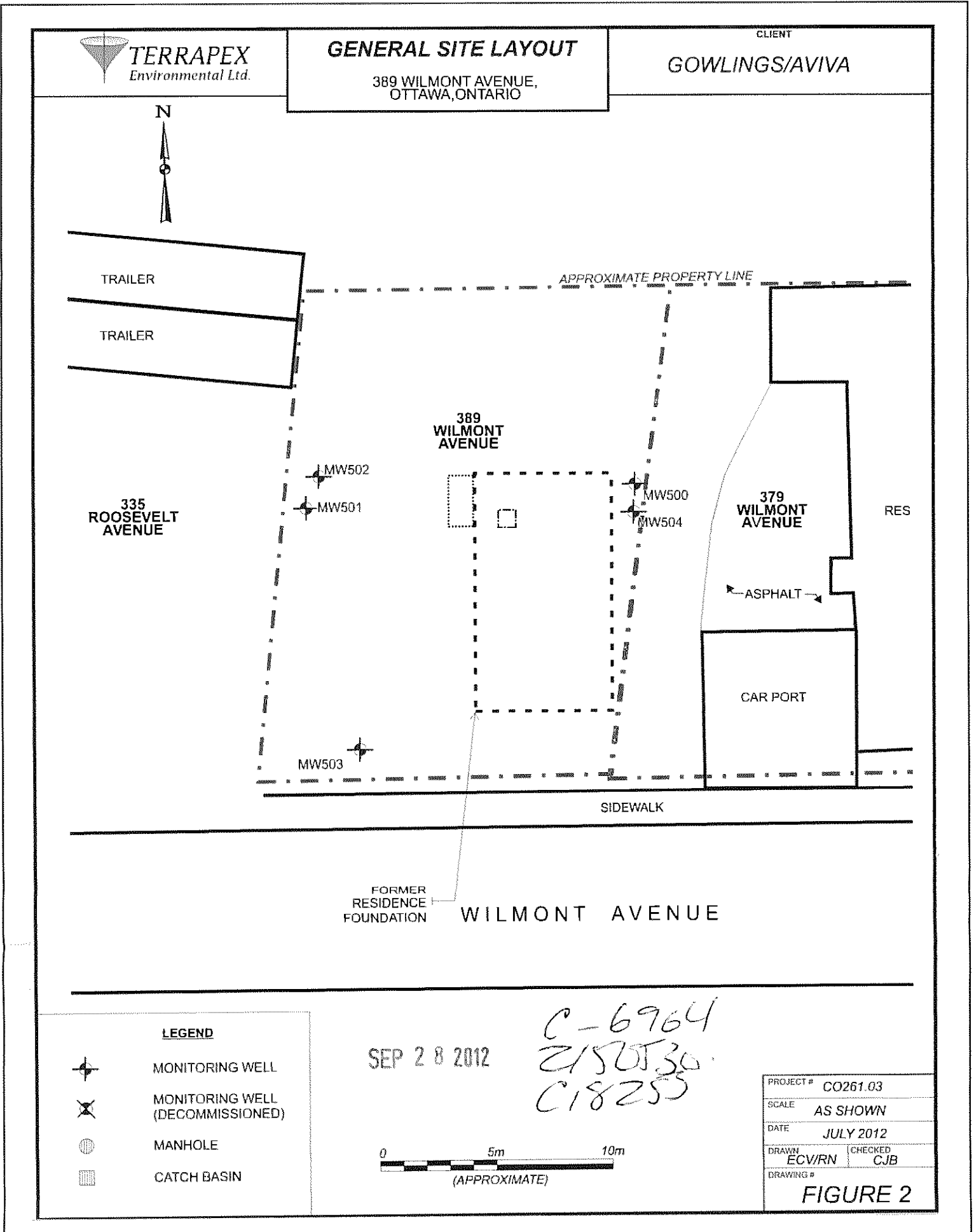
Comments:

Well owner's information package delivered	Date Package Delivered	Ministry Use Only	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Y Y Y Y M M D D D	Audit No.	Received
	Date Work Completed	Z 150530	SEP 28 2012
	2012 02 03		

Note: This Well Record for Well Cluster Part 3 - Detailed Drawing of all Well Locations, must be attached to Parts 1 and 2. The drawing must include all property boundaries, an arrow indicating the North direction, all named roads and sufficient measurements to locate all wells in the cluster in relation to fixed points. The drawing must show the location of each well and each well must be numbered on the drawing to match number used for that well on the Well Record for Well Cluster Parts 1 and 2. The well with the well tag must be clearly identified on the Drawing.
UTM coordinates should appear beside each well, if space permits. Additional comments on wells can be included on the drawing

Well Tag Number: # A119073


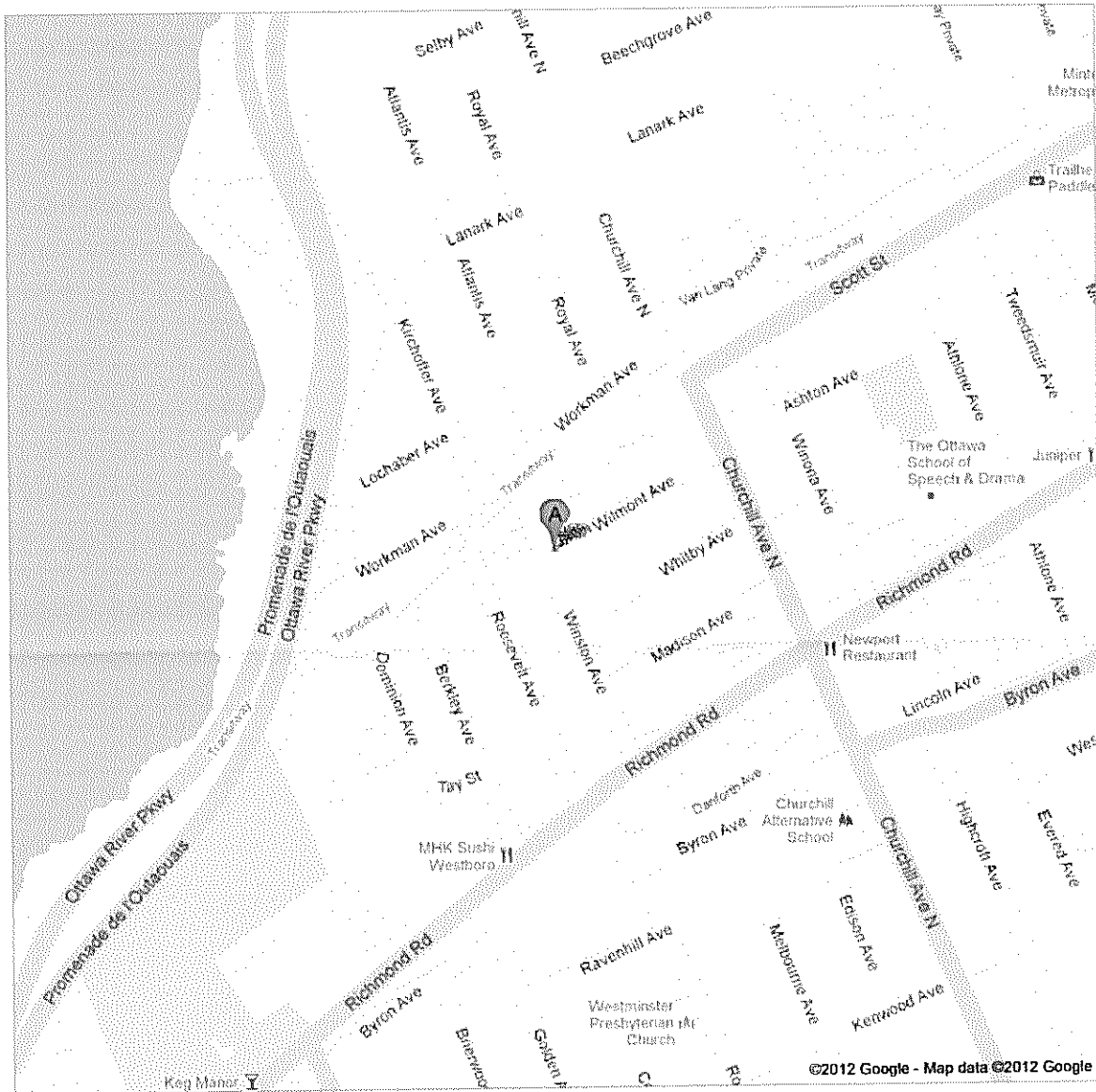
"Well Record for Well Cluster" Form Audit Number: # C18253





Address **389 Wilmont Ave**
Ottawa, ON K1Z 5B9, Canada

Get Google Maps on your phone
Text the word "GMAPS" to 466453

SEP 28 2012

C 6964
C 18253
Z 150530



All measurements recorded in: Metric Imperial

Well Tag No. of Deepest Well: (Print Well Tag No.)
A119073
Well # on Drawing of Deepest Well: **MW 501** **9.14m**

Follow instructions on the front and back of this form. Print or Type

Page _____ of _____

Well Cluster Location Information						Mandatory Attachments/Additional Information	
Address of Well Location (Street Number(s)/Name(s), RR, if available)		Lot(s)	Concession(s)	Geographic Township	County/District/Upper Tier Municipality		<input checked="" type="checkbox"/> Land Owner Consent Form must be attached. <input checked="" type="checkbox"/> Detailed Drawing of All Well Locations must be attached. I, the person constructing the well, will promptly submit to the Director, on request, any additional information in my custody or control related to any well in the well cluster that I have constructed. <i>Jason Stryde</i> Signature of Technician/Contractor _____ Date (yyyy/mm/dd) _____
389 Wilmont Avenue		20		Ottawa	Ottawa Carleton		
City, Town, Village or Hamlet		Province	GPS Unit Make	Model	Unit Mode of Operation <input checked="" type="checkbox"/> Undifferentiated <input type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify: _____		
Ottawa		Ontario	Magellan				

Well # on Drawing	UTM Coordinates		Hole Depth (m/ft)	Hole Diameter (cm/in)	Method of Construction	Casing Material; Diameter (cm/in)	Casing (m/ft)		Screen Interval (m/ft)		Annular Space Material (m/ft)			Overburden/Bedrock or Abandonment Filing Material Intervals (m/ft)	Static Water Level (m/ft)	Date of Completion (yyyy/mm/dd)
	Zone	Easting					Northing	From	To	From	To	From	To			
MW 500	18	440723	5026926	3.34	22	HS Auger	0	0.80	0.80	3.34	0	0.65	hole plug			2012/01/31
MW 501	18	440731	5026936	9.14	"	"	0	6.12	6.12	9.14	0	5.90	hole plug			2012/02/01
MW 502	18	440723	5026928	3.36	"	"	0	0.83	0.83	3.36	0	0.65	hole plug			2012/01/31
MW 503	18	440723	5026926	5.18	"	"	0	1.30	1.30	5.18	0	1.00	hole plug			"
MW 504	18	440728	5026921	9.14	"	"	0	6.12	6.12	9.14	0	5.87	hole plug			"

Well Contractor and Well Technician Information				Date First Well in Cluster Constructed or Abandoned (yyyy/mm/dd)	Date Last Well in Cluster Completed (yyyy/mm/dd)	Ministry Use Only	
Business Name of Well Contractor		Business Address (Street Number/Name, RR)		Municipality	Province	Date Received (yyyy/mm/dd)	Audit No.
OGS INC		5518 Appleton Side Road		Almonte	Ont	2012/01/31	2012/02/01
Postal Code	Bus. Telephone No.	Well Contractor's Licence No.	Business E-mail Address		Well Abandonment Person Abandoning the Wells: Name _____ (Print or Type) - See instruction 11 on the back of this form		
K1O 1A0	613-256-7666	6964	ogsinc@bellnet.ca				
Name of Well Technician (First Name, Last Name)		Well Technician's Licence No.	Signature of Well Technician		Comments: 2/50530		
Jason Stryde		3634	<i>Jason Stryde</i>		Date Submitted (yyyy/mm/dd) 2012/09/24		



Measurements recorded in: Metric Imperial

Well Owner's Information

First Name, Last Name / Organization, E-mail Address, Mailing Address, Municipality, Province, Postal Code, Telephone No.

Well Location

Address of Well Location, Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province, Postal Code, UTM Coordinates, Municipal Plan and Sublot Number, Other

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space: Depth Set at, Type of Sealant Used, Volume Placed

Results of Well Yield Testing: Draw Down, Recovery, After test of well yield, water was, Pumping rate, Duration of pumping, Final water level end of pumping, If flowing give rate, Recommended pump depth, Recommended pump rate, Well production, Disinfected?

Method of Construction, Well Use

Construction Record - Casing, Status of Well

Construction Record - Screen

Water Details, Hole Diameter

Well Contractor and Well Technician Information

Map of Well Location: Please provide a map below following instructions on the back. Includes a hand-drawn map showing well location relative to a school and ravenshill.

Well Contractor and Well Technician Information (continued): Business Name, Address, Province, Postal Code, Business E-mail Address, Bus. Telephone No., Name of Well Technician, Well Technician's Licence No., Signature of Technician and/or Contractor, Date Submitted

Ministry Use Only: Well owner's information package delivered, Date Package Delivered, Date Work Completed, Audit No., Received



Measurements recorded in: Metric Imperial

2182639

Tag#: A182639

3-201982 Page of

Well Owner's Information

First Name, Last Name / Organization, E-mail Address, Mailing Address, Municipality, Province, Postal Code, Telephone No.

Well Location

Address of Well Location, Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province, Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used, Volume Placed (m³/ft³)

Method of Construction and Well Use checkboxes

Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth, Status of Well

Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth

Water Details and Hole Diameter tables

Well Contractor and Well Technician Information form

Results of Well Yield Testing table with columns: Draw Down, Recovery, Time, Water Level

Map of Well Location with a hand-drawn diagram of the well location on Richmond Road

Ministry Use Only section with Audit No. 206459 and Date DEC 05 2017



Measurements recorded in: Metric Imperial

A182631 Tag#: A182631

5-20982 Page ____ of ____

Well Owner's Information

First Name, Last Name / Organization, E-mail Address, Mailing Address (Street Number/Name), Municipality, Province, Postal Code, Telephone No. (inc. area code)

Well Location

Address of Well Location (Street Number/Name), Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province, Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³)

Results of Well Yield Testing table with columns: Draw Down, Recovery, Time (min), Water Level (m/ft)

Method of Construction and Well Use checkboxes

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To

Water Details and Hole Diameter tables

Well Contractor and Well Technician Information form

Map of Well Location form with a hand-drawn map showing a well location on Richmond Road.

Ministry Use Only form with Audit No. 2206460 and date DEC 05 2017



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195200

Well Audit Number: Z157191

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	379 WILMONT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440740.00 Northing: 5026932.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.61 m	BENSEAL	
.61 m	4.57 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	1.83 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm			

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

<u>Water Found at Depth</u>	<u>Kind</u>
-----------------------------	-------------

Hole Diameter

<u>Depth From</u>	<u>Depth To</u>	<u>Diameter</u>
0 m	1.83 m	6.03 cm

Audit Number: Z157191

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195210

Well Audit Number: Z157179

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	389 WILMONT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440722.00 Northing: 5026932.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.61 m	BENSEAL	
.61 m	3.35 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	.61 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	.61 m	3.35 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

<u>Water Found at Depth</u>	<u>Kind</u>
-----------------------------	-------------

Hole Diameter

<u>Depth From</u>	<u>Depth To</u>	<u>Diameter</u>
0 m	3.35 m	6.03 cm

Audit Number: Z157179

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195211

Well Audit Number: Z157180

Well Tag Number: A119073

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	389 WILMONT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440728.00 Northing: 5026932.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	9.14 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	3.1 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm			

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	3.1 m	6.03 cm
3.1 m	9.14 m	5.2 cm

Audit Number: Z157180

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195212
 Well Audit Number: Z157181
 Well Tag Number: A106747

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	389 WILMONT
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440730.00 Northing: 5026927.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	4.27 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	1.22 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	1.22 m	4.27 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	4.27 m	6.03 cm

Audit Number: Z157181

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195213
 Well Audit Number: Z157196
 Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	335 ROOSEVELT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440719.00 Northing: 5026922.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	4.57 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	1.83 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC		

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	1.83 m	6.03 cm
1.83 m	4.57 m	

Audit Number: Z157196

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195214

Well Audit Number: Z157195

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	335 ROOSEVELT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440704.00 Northing: 5026921.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	5.57 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	1.83 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm			

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	1.83 m	6.03 cm

Audit Number: Z157195

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195214

Well Audit Number: Z157195

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	335 ROOSEVELT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440704.00 Northing: 5026921.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	5.57 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	1.83 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm			

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
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Hole Diameter

Depth From	Depth To	Diameter
0 m	1.83 m	6.03 cm

Audit Number: Z157195

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195215

Well Audit Number: Z157194

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	335 ROOSEVELT AVE,
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440719.00 Northing: 5026924.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	4.57 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	1.83 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm			

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
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SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	1.83 m	6.03 cm

Audit Number: Z157194

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195217
 Well Audit Number: Z157192
 Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	335 ROOSEVELT AVE.
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440722.00 Northing: 5026936.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	4.57 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	1.83 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm			

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
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SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	1.83 m	6.03 cm

Audit Number: Z157192

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7198182
 Well Audit Number: Z163364
 Well Tag Number: A141813

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	380 RICHMOND ROAD
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440878.00 Northing: 5026667.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
RED				0 m	.31 m
GREY	GRVL	SAND	LOOS	.31 m	.61 m
BRWN	SAND	GRVL	SOFT	.61 m	1.22 m
GREY	LMSN		LYRD	1.22 m	10.67 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
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0 m .31 m CONCRETE/FLUSHMOUNT
 .31 m 7.01 m BENTONITE
 7.01 m 10.67 m FILTER SAND

Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring and Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	7.62 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	7.62 m	10.67 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 m	1.52 m	11.43 cm
1.52 m	10.67 m	7.62 cm

Audit Number: Z163364**Date Well Completed:** January 25, 2013**Date Well Record Received by MOE:** March 07, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7201528
 Well Audit Number: C21260
 Well Tag Number: A140444

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location

Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440905.00 Northing: 5027060.00

Municipal Plan and Sublot Number

Other

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
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Method of Construction & Well Use

Method of Construction Well Use

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
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Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
-------------------------	-----------------	-------------------	-----------------

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
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SWL

1		1	
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2		2	
---	--	---	--

3		3	
---	--	---	--

4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
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Hole Diameter

Depth From	Depth To	Diameter
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Audit Number: C21260

Date Well Completed: April 04, 2013

Date Well Record Received by MOE: May 14, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195202

Well Audit Number: Z157189

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	379 WILMONT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440737.00 Northing: 5026939.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	4.57 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	1.83 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm			

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	1.83 m	6.03 cm

Audit Number: Z157189

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7224473
 Well Audit Number: C22339
 Well Tag Number: A147227

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location

Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441131.00 Northing: 5026894.00

Municipal Plan and Sublot Number

Other

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
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Method of Construction & Well Use

Method of Construction Well Use

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
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Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
-------------------------	-----------------	-------------------	-----------------

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6964

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
----------------------------	------------------------------	---------------------------	-----------------------------

SWL

1		1	
---	--	---	--

2		2	
---	--	---	--

3		3	
---	--	---	--

4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
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Audit Number: C22339

Date Well Completed: May 12, 2014

Date Well Record Received by MOE: July 24, 2014

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195203
 Well Audit Number: Z157188
 Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	379 WILMONT AVE.
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440737.00 Northing: 5026942.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	4.57 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.21 cm	PLASTIC	0 m	1.83 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm			

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
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SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	1.83 m	6.03 cm

Audit Number: Z157188

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195204

Well Audit Number: Z157187

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	379 WILMONT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440740.00 Northing: 5026940.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.61 m	BENSEAL	
.61 m	4.57 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.21 cm	PLASTIC	0 m	1.83 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm			

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	1.83 m	

Audit Number: Z157187

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195205

Well Audit Number: Z157186

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	379 WILMONT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440747.00 Northing: 5026937.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.61 m	BENSEAL	
.61 m	4.57 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.21 cm	PLASTIC	0 m	1.83 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm			

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	1.83 m	6.03 cm

Audit Number: Z157186

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195206
 Well Audit Number: Z157185
 Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	389 WILMONT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440747.00 Northing: 5026937.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	5.18 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction	Well Use
------------------------	----------

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.21 cm	PLASTIC	0 m	2.13 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
------------------	----------	------------	----------

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	2.13 m	6.03 cm

Audit Number: Z157185

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195207

Well Audit Number: Z157184

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	389 WILMONT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440723.00 Northing: 5026922.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	------------------------------------------	---------------

Method of Construction & Well Use

Method of Construction	Well Use
------------------------	----------

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.21 cm	PLASTIC	0 m	

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
------------------	----------	------------	----------

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	1.83 m	8.25 cm

Audit Number: Z157184

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195208

Well Audit Number: Z157178

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	389 WILMONT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440723.00 Northing: 5026926.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	3.35 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	.61 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	.61 m	3.35 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

<u>Water Found at Depth</u>	<u>Kind</u>
-----------------------------	-------------

Hole Diameter

<u>Depth From</u>	<u>Depth To</u>	<u>Diameter</u>
0 m	3.35 m	6.03 cm

Audit Number: Z157178

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7195209
 Well Audit Number: Z157182
 Well Tag Number: A106748

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	389 WILMONT AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440720.00 Northing: 5026932.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.91 m	BENSEAL	
.91 m	3.96 m	GROUT SLURRY	

Method of Construction & Well Use

Method of Construction Well Use

Other Method
HAND PULLED

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	.91 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	.91 m	3.96 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
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SWL

1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth Kind

Hole Diameter

<u>Depth From</u>	<u>Depth To</u>	<u>Diameter</u>
0 m	2.44 m	6.03 cm
2.44 m	3.96 m	5.2 cm

Audit Number: Z157182

Date Well Completed: December 14, 2012

Date Well Record Received by MOE: January 15, 2013

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7224473
 Well Audit Number: C22339
 Well Tag Number: A147227

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location

Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441131.00 Northing: 5026894.00

Municipal Plan and Sublot Number

Other

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
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Method of Construction & Well Use

Method of Construction Well Use

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
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Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
-------------------------	-----------------	-------------------	-----------------

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6964

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
----------------------------	------------------------------	---------------------------	-----------------------------

SWL

1		1	
2		2	
3		3	

4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
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Audit Number: C22339

Date Well Completed: May 12, 2014

Date Well Record Received by MOE: July 24, 2014

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7233985
 Well Audit Number: C22617
 Well Tag Number: A147911

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440863.00 Northing: 5026913.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
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Method of Construction & Well Use

Method of Construction Well Use

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
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Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
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Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
----------------------------	------------------------------	---------------------------	-----------------------------

SWL

1		1	
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2		2	
---	--	---	--

3		3	
---	--	---	--

4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
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Hole Diameter

Depth From	Depth To	Diameter
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Audit Number: C22617

Date Well Completed: August 28, 2013

Date Well Record Received by MOE: December 16, 2014

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7242470
 Well Audit Number: C28556
 Well Tag Number: A147242

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location

Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441276.00 Northing: 5026910.00

Municipal Plan and Sublot Number

Other

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
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Method of Construction & Well Use

Method of Construction Well Use

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
------------------------	------------------------------	-------------------	-----------------

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
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Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6964

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
----------------------------	------------------------------	---------------------------	-----------------------------

SWL

1		1	
---	--	---	--

2		2	
---	--	---	--

3		3	
---	--	---	--

4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
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Audit Number: C28556

Date Well Completed: November 11, 2014

Date Well Record Received by MOE: June 05, 2015

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7245885
 Well Audit Number: Z180818
 Well Tag Number: A147999

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	SCOTT ST. / TWEEDSMUIR AVE.
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441167.00 Northing: 5027048.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	17 ft	BENTONITE	
0 ft	17 ft	BENTONITE	

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.25 inch	PLASTIC	0 ft	12 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.25 inch	PLASTIC	12 ft	17 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6894

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

15 ft	
-------	--

Hole Diameter

Depth From	Depth To	Diameter
0 ft	17 ft	1.25 inch

Audit Number: Z180818

Date Well Completed: July 23, 2015

Date Well Record Received by MOE: August 05, 2015

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7292792
 Well Audit Number: C36222
 Well Tag Number: A191633

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location

Township	NEPEAN TOWNSHIP
Lot	031
Concession	OF 01
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441029.00 Northing: 5026841.00

Municipal Plan and Sublot Number

Other

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	------------------------------------------	---------------

Method of Construction & Well Use

Method of Construction Well Use

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
------------------------	------------------------------	-------------------	-----------------

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
-------------------------	-----------------	-------------------	-----------------

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7543

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
----------------------------	------------------------------	---------------------------	-----------------------------

SWL

1		1	
---	--	---	--

2		2	
---	--	---	--

3		3	
---	--	---	--

4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
------------	----------	----------

Audit Number: C36222

Date Well Completed: July 27, 2017

Date Well Record Received by MOE: August 17, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7295741
 Well Audit Number: Z206434
 Well Tag Number: A182735

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	255 RICHMOND ROAD
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441261.00 Northing: 5026970.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BLCK		GRVL	DNSE	0 ft	.31 ft
BRWN	SAND	STNS		.31 ft	3.35 ft
BLCK	CLAY	SILT	SOFT	3.35 ft	4.57 ft
GREY	LMSN		LYRD	4.57 ft	7.62 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
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0 ft .31 ft FLUSHMOUNT
 .31 ft 5.18 ft BENTONITE
 5.18 ft 7.62 ft FILTER SAND

Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 inch	PLASTIC	0 ft	5.49 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 inch	PLASTIC	5.49 ft	7.62 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 ft	4.57 ft	11.43 inch
4.57 ft	7.62 ft	7.62 inch

Audit Number: Z206434**Date Well Completed:** August 04, 2017**Date Well Record Received by MOE:** September 29, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7295754
 Well Audit Number: Z258542
 Well Tag Number: A189841

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	324 RICHMOND ROAD
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441037.00 Northing: 5026775.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BLCK	GRVL	HARD	PCKD	0 ft	1 ft
BRWN	MSND	GRVL	SOFT	1 ft	3 ft
GREY	LMSN	LYRD	HARD	3 ft	4 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	1 ft	FLUSHMOUNT/ CONCRETE	

1 ft	2 ft	HOLEPLUG
2 ft	19 ft	BENTONITE SLURRY
19 ft	40 ft	FILTER SAND

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring
DIAMOND	Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.38 inch	PLASTIC	0 ft	20 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.66 inch	PLASTIC	20 ft	40 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 ft	4 ft	2.875 inch
4 ft	40 ft	2.375 inch

Audit Number: Z258542**Date Well Completed:** August 21, 2017**Date Well Record Received by MOE:** September 29, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7300862
 Well Audit Number: Z238059
 Well Tag Number: A190996

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	255 RICHMOND RD
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441252.00 Northing: 5026984.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	GRVL		HARD	0 ft	1 ft
BRWN	SAND	GRVL	SOFT	1 ft	9 ft
GREY	LMSN		HARD	9 ft	25 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	1 ft	CONCRETE	

1 ft	14 ft	BENTONITE
14 ft	25 ft	SAND

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.38 inch	PLASTIC	0 ft	15 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.66 inch	PLASTIC	15 ft	25 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 ft	9 ft	2.875 inch
9 ft	25 ft	2.375 inch

Audit Number: Z238059**Date Well Completed:** October 24, 2017**Date Well Record Received by MOE:** December 05, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7300863
 Well Audit Number: Z238087
 Well Tag Number: A199203

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	255 RICHMOND RD
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441251.00 Northing: 5026995.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	SILT	SAND	DNSE	0 m	2 m
GREY			HARD	2 m	4.5 m
GREY	LMSN		HARD	4.5 m	7.9 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE	

.31 m 4.49 m BENTONITE
4.49 m 7.9 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Diamond	Monitoring Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
3.45 cm	PLASTIC	0 m	

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.21 cm	PLASTIC		

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 m	2.17 m	8.25 cm
2.17 m	7.9 m	5.6 cm

Audit Number: Z238087**Date Well Completed:** October 24, 2017**Date Well Record Received by MOE:** December 05, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7302175
 Well Audit Number: Z268041
 Well Tag Number: A182565

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	2090 SCOTT ST
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440920.00 Northing: 5027069.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	GRVL		LOOS	0 m	.31 m
BRWN	SAND	GRVL	SOFT	.31 m	2.13 m
GREY	LMSN	SHLE	LYRD	2.13 m	9.14 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE	

.31 m 5.79 m BENTONITE
5.79 m 9.14 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	6.1 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	6.1 m	9.14 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 m	2.44 m	11.43 cm
2.44 m	9.14 m	8.89 cm

Audit Number: Z268041**Date Well Completed:** November 01, 2017**Date Well Record Received by MOE:** December 22, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7302176
 Well Audit Number: Z268042
 Well Tag Number: A182564

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	2090 SCOTT ST
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440904.00 Northing: 5027059.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BLCK	GRVL		DNSE	0 m	.31 m
BRWN	FILL	SAND	DNSE	.31 m	1.22 m
GREY	LMSN	SHLE	LYRD	1.22 m	16.15 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE	

.31 m 14.33 m BENTONITE
14.33 m 16.15 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	14.63 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	14.63 m	16.15 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 m	1.52 m	11.43 cm
1.52 m	16.15 m	8.89 cm

Audit Number: Z268042**Date Well Completed:** November 01, 2017**Date Well Record Received by MOE:** December 22, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7302177
 Well Audit Number: Z268039
 Well Tag Number: A182522

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	2090 SCOTT ST
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440893.00 Northing: 5027067.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	LOAM		SOFT	0 m	.31 m
BRWN	SAND		SOFT	.31 m	1.22 m
GREY	LMSN	SHLE	LYRD	1.22 m	9.14 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE	

.31 m 5.79 m BENTONITE
5.79 m 9.14 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	6.1 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	6.1 m	9.14 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 m	1.52 m	11.43 cm
1.52 m	9.14 m	8.89 cm

Audit Number: Z268039**Date Well Completed:** November 02, 2017**Date Well Record Received by MOE:** December 22, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7302178
 Well Audit Number: Z268040
 Well Tag Number: A182521

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	2090 SCOTT ST
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440903.00 Northing: 5027073.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BLCK	GRVL		DNSE	0 m	.31 m
BRWN	SAND		SOFT	.31 m	3.1 m
GREY	LMSN	SHLE	LYRD	3.1 m	9.14 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE	

.31 m 5.79 m BENTONITE
5.79 m 9.14 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	6.1 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	6.1 m	9.14 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 m	3.35 m	11.43 cm
3.35 m	9.14 m	8.89 cm

Audit Number: Z268040**Date Well Completed:** November 01, 2017**Date Well Record Received by MOE:** December 22, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7305577

Well Audit Number: Z277516

Well Tag Number: A190061

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	388 RICHMOND RD
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440864.00 Northing: 5026730.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	SAND	SILT	LOOS	0 ft	3.5 ft
GREY	LMSN		HARD	3.5 ft	5.5 ft
GREY	LMSN		HARD	5.5 ft	11 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	1 ft	CONCRETE	

1 ft	5.5 ft	BENTONITE
5.5 ft	11 ft	SAND

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.38 inch	PLASTIC	0 ft	6 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.66 inch	PLASTIC	6 ft	11 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 ft	4 ft	2.875 inch
4 ft	11 ft	2.375 inch

Audit Number: Z277516**Date Well Completed:** January 16, 2018**Date Well Record Received by MOE:** February 13, 2018

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7305578
 Well Audit Number: Z277515
 Well Tag Number: A189839

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	388 RICHMOND RD
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440848.00 Northing: 5026642.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	STNS			0 ft	1 ft
BRWN	SAND	SILT		1 ft	3 ft
GREY	LMSN		HARD	3 ft	5 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	1 ft	CONCRETE	

1 ft	2 ft	BENTONITE
2 ft	5 ft	SAND

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.38 inch	PLASTIC	0 ft	2 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.66 inch	PLASTIC	2 ft	5 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 ft	4 ft	2.875 inch
4 ft	5 ft	2.375 inch

Audit Number: Z277515**Date Well Completed:** January 16, 2018**Date Well Record Received by MOE:** February 13, 2018

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7317351
 Well Audit Number: Z286616
 Well Tag Number: A215721

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	277 RICHMOND RD
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441184.00 Northing: 5026926.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	----			0 ft	
BRWN	FSND				
GREY	SHLE				

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	1 ft	CONCRETE FLUSHMOUNT	

1 ft 4 ft HOLEPLUG
 4 ft 15 ft SAND

Method of Construction & Well Use

Method of Construction	Well Use
Diamond	Monitoring Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.38 inch	PLASTIC	0 ft	5 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.66 inch	PLASTIC	5 ft	15 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

<u>Water Found at Depth</u>	<u>Kind</u>
-----------------------------	-------------

Hole Diameter

<u>Depth From</u>	<u>Depth To</u>	<u>Diameter</u>
0 ft	11 ft	2.875 inch
11 ft	15 ft	2.25 inch

Audit Number: Z286616

Date Well Completed: May 15, 2018

Date Well Record Received by MOE: August 20, 2018

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7317352
 Well Audit Number: Z286614
 Well Tag Number: A215720

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	281 RICHMOND RD
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441175.00 Northing: 5026918.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	----			0 ft	1 ft
BRWN	FSND	CLAY		1 ft	11 ft
GREY	SHLE			11 ft	15 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	1 ft	CONCRETE FLUSHMOUNT	

1 ft	4 ft	HOLEPLUG
4 ft	15 ft	SAND

Method of Construction & Well Use

Method of Construction	Well Use
Diamond	Monitoring Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.38 inch	PLASTIC	0 ft	5 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.66 inch	PLASTIC	5 ft	15 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 ft	11 ft	2.875 inch
11 ft	15 ft	2.25 inch

Audit Number: Z286614**Date Well Completed:** May 15, 2018**Date Well Record Received by MOE:** August 20, 2018

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7335208
 Well Audit Number: Z298214
 Well Tag Number: A257377

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	2050 Scott St
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440999.00 Northing: 5027133.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	----	GRVL	HARD	0 ft	1 ft
BRWN	SAND	GRVL	HARD	1 ft	2 ft
BRWN	SAND	SILT	BLDR	2 ft	8 ft
BRWN	SAND	SILT	CLAY	8 ft	13.417 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
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0 ft 1 ft CONCRETE FLUSHMOUNT
 1 ft 2.417 ft BENSEAL
 2.417 ft 13.417 ft FILTER SAND

Method of Construction & Well Use

Method of Construction	Well Use
Diamond	Monitoring and Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.38 Inch	PLASTIC	0 ft	3.417 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.66 Inch	PLASTIC	3.417 ft	13.417 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 ft	8 ft	2.875 Inch
8 ft	13.417 ft	2.375 Inch

Audit Number: Z298214**Date Well Completed:** December 03, 2018**Date Well Record Received by MOE:** March 08, 2019

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7335311
 Well Audit Number: Z229654
 Well Tag Number: A190881

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	2050 SCOTT ST
Township	NEPEAN TOWNSHIP
Lot	031
Concession	OF 01
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441001.00 Northing: 5027146.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY		GRVL	HARD	0 m	.31 m
BRWN	SAND	GRVL	LOOS	.31 m	.6 m
GREY	SILT	CLAY	SOFT	.6 m	3.1 m
GREY	LMSN		HARD	3.1 m	9.96 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	------------------------------------------	---------------

0 m	.31 m	CONCRETE/FLUSHMOUNT
.31 m	5 m	BENTONITE
5 m	9.96 m	SAND

Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	5.31 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	5.31 m	9.96 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 m	4.65 m	
4.65 m	9.96 m	

Audit Number: Z229654**Date Well Completed:** November 21, 2018**Date Well Record Received by MOE:** March 08, 2019

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7335312
 Well Audit Number: Z298265
 Well Tag Number: A190974

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	2050 SCOTT ST
Township	NEPEAN TOWNSHIP
Lot	031
Concession	OF 01
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441006.00 Northing: 5027130.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY		GRVL	HARD	0 m	.31 m
BRWN	GRVL	SAND	LOOS	.31 m	.9 m
GREY	SILT	CLAY	SOFT	.9 m	3.1 m
GREY	LMSN		HARD	3.1 m	4.65 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	------------------------------------------	---------------

0 m .31 m CONCRETE/FLUSHMOUNT
 .31 m 1.24 m BENTONITE
 1.24 m 4.65 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	1.55 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC		4.65 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 m	4.65 m	15.24 cm

Audit Number: Z298265**Date Well Completed:** November 21, 2018**Date Well Record Received by MOE:** March 08, 2019

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7335313
 Well Audit Number: Z298266
 Well Tag Number: A191182

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	2050 SCOTT ST
Township	NEPEAN TOWNSHIP
Lot	031
Concession	OF 01
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441002.00 Northing: 5027140.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BLCK		GRVL	HARD	0 m	.31 m
BRWN	GRVL	SAND	LOOS	.31 m	.9 m
GREY	SILT	CLAY	SOFT	.9 m	3.1 m
GREY	LMSN		HARD	3.1 m	

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	------------------------------------------	---------------

0 m	.31 m	CONCRETE/FLUSHMOUNT SAND
.31 m		BENTONITE

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	2.17 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	2.17 m	

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details**Water Found at Depth Kind****Hole Diameter**

Depth From	Depth To	Diameter
0 m		15.24 cm

Audit Number: Z298266**Date Well Completed:** November 21, 2018**Date Well Record Received by MOE:** March 08, 2019

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7336502
 Well Audit Number: C30164
 Well Tag Number: A251269

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 441251.00 Northing: 5026956.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	------------------------------------------	---------------

Method of Construction & Well Use

Method of Construction Well Use

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
------------------------	------------------------------	-------------------	-----------------

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
-------------------------	-----------------	-------------------	-----------------

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
----------------------------	------------------------------	---------------------------	-----------------------------

SWL

1		1	
---	--	---	--

2		2	
---	--	---	--

3		3	
---	--	---	--

4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
------------	----------	----------

Audit Number: C30164

Date Well Completed: June 04, 2019

Date Well Record Received by MOE: July 08, 2019

Updated: January 24, 2020

Mandy Witteman

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: Thursday, June 4, 2020 10:51 AM
To: Mandy Witteman
Subject: RE: Search records request (PE4909)

Follow Up Flag: Follow up
Flag Status: Flagged

Records Found

Thank you for your request for confirmation of public information.

- We confirm that there are **fuel storage tanks records** in our database at the subject address(es).

Inst Number	Segment1	Address	City	Postal Code	Status
9826706	FS GASOLINE STATION - FULL SERVE	319 RICHMOND RD	OTTAWA	K1Z 6X7	EXPIR
10905941	FS LIQUID FUEL TANK	319 RICHMOND RD	OTTAWA	K1Z 6X7	EXPIR
10905908	FS LIQUID FUEL TANK	319 RICHMOND RD	OTTAWA	K1Z 6X7	EXPIR
10905926	FS LIQUID FUEL TANK	319 RICHMOND RD	OTTAWA	K1Z 6X7	EXPIR

https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationsservices@tssa.org or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,



Connie Hill | Public Information Agent

Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3383 | Fax: +1-416-231-6183 | E-Mail: publicinformationsservices@tssa.org
www.tssa.org



From: Mandy Witteman <MWitteman@Patersongroup.ca>
Sent: June 3, 2020 3:04 PM

To: Public Information Services <publicinformationservices@tssa.org>

Subject: Search records request (PE4909)

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good afternoon

Could you please complete a search of your records for **underground/aboveground storage tanks, historical spills or other incidents/infractions** for the following addresses in **Ottawa, ON**:

Richmond Rd: 319, 325, 327, 331, 312, 310,332

Churchill Ave: 381, 408

Winona Ave: 380

Thank you!

Cheers,

Mandy Witteman, B.Eng., M.A.Sc.

patersongroup

**solution oriented engineering
over 60 years servicing our clients**

154 Colonnade Road South

Ottawa, Ontario, K2E 7J5

Tel: (613) 226-7381 Ext. 339

Cell: (403) 921-1157

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154 Colonnade Road South
Ottawa, Ontario
Canada, K2E 7J5
Tel: (613) 226-7381
Fax: (613) 226-6344

May 15, 2020
File: PE4909-HLUI

City of Ottawa
110 Laurier Avenue W
Ottawa, Ontario
K1P 1J1

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science
Archaeological Services

www.patersongroup.ca

Subject: **Authorization Letter, HLUI Search
Phase I-Environmental Site Assessment
381 Churchill Ave, 380 Winona Ave, and 319, 325 and 329
Richmond Rd, Ottawa ON**

Dear Sir,

Please consider this letter as confirmation that Paterson Group has been retained to conduct a Phase I-Environmental Site Assessment at the aforementioned property.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to Paterson Group, information requested for the purpose of completing an environmental assessment of the property.

Name of Company/Property Owner: Richmond Churchill Limited Partnership

Name of Representative Curt Millar

Signature of Representative 

Date 2020-05-22



DATABASE REPORT

Project Property: *PE4909 - 319, 325 and 327 Richmond Rd,
380 Winona Ave., and 381 Churchill Ave
319, 325 and 327 Richmond Road, 380
Winona Ave., and 381 Churchill Ave.
Ottawa ON K1Z 6X7*

Project No: *30119*

Report Type: *Standard Report*

Order No: *20200514086*

Requested by: *Paterson Group Inc.*

Date Completed: *May 19, 2020*

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary By Data Source.....	24
Map.....	45
Aerial.....	46
Topographic Map.....	47
Detail Report.....	48
Unplottable Summary.....	146
Unplottable Report.....	148
Appendix: Database Descriptions.....	157
Definitions.....	166

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Executive Summary

Property Information:

Project Property: PE4909 - 319, 325 and 327 Richmond Rd, 380 Winona Ave., and 381 Churchill Ave
319, 325 and 327 Richmond Road, 380 Winona Ave., and 381 Churchill Ave. Ottawa
ON K1Z 6X7

Project No: 30119

Coordinates:

Latitude: 45.3927205
Longitude: -75.7535774
UTM Northing: 5,026,854.35
UTM Easting: 441,013.73
UTM Zone: 18T

Elevation: 223 FT
67.85 M

Order Information:

Order No: 20200514086
Date Requested: May 14, 2020
Requested by: Paterson Group Inc.
Report Type: Standard Report

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	3	3
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	1	1
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	3	26	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	6	10	16
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	4	4
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	2	2	4
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	1	79	80
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	2	2
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	Within 0.25 km	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	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	4	4
PINC	Pipeline Incidents	Y	0	8	8
PRT	Private and Retail Fuel Storage Tanks	Y	1	1	2
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	17	17
SPL	Ontario Spills	Y	0	17	17
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	17	18
Total:			14	193	207

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	GEN	Avenues Garage Ltd.	319 Richmond Rd Ottawa ON	ESE/19.4	0.00	48
1	EXP	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE/19.4	0.00	48
1	EXP	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE/19.4	0.00	48
1	EXP	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE/19.4	0.00	48
1	EXP	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE/19.4	0.00	49
1	EXP	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE/19.4	0.00	49
1	EXP	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE/19.4	0.00	49
1	EHS		319 Richmond Rd Ottawa ON K1Z6X7	ESE/19.4	0.00	49
2	PRT	TWENTY FIRST CENTURY MOTORS INC	319 RICHMOND RD OTTAWA ON K1Z6X7	ESE/19.5	0.00	50

<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	FSTH	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE/19.5	0.00	50
2	FSTH	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE/19.5	0.00	50
2	EHS		319 Richmond Road Ottawa ON	ESE/19.5	0.00	51
3	WWIS		lot 31 con 1 ON <i>Well ID: 7292792</i>	ESE/20.3	0.00	51
4	EHS		380 Winona Ave Ottawa ON K1Z 5H7	NNE/28.6	0.05	52

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
5	SCT	Gold Cast	377 Churchill Ave N Ottawa ON K1Z 5C4	NW/39.1	-0.56	52
6	SCT	Forbie Activewear	375 Churchill Ave N Ottawa ON K1Z 5C4	NW/47.0	-0.56	52
7	WWIS		Ottawa ON Well ID: 7171703	WSW/55.5	-0.02	53
8	SCT	Forbie Activewear	314 Richmond Rd Ottawa ON K1Z 6X6	ESE/59.6	1.02	55
9	EHS		337 Richmond Road Ottawa ON K2A 0E7	SW/64.1	-0.02	55
10	EHS		Richmond Rd Churchill Ave N Ottawa ON	SSW/65.4	0.71	56
11	SCT	Valberg Imaging	322 Richmond Rd Ottawa ON K1Z 6X6	SE/65.9	1.00	56
11	EHS		322 Richmond Rd Ottawa ON K1Z6X6	SE/65.9	1.00	56
12	GEN	HYBRID PHRARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	SE/68.4	1.02	56
12	GEN	HYBRID PHRARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	SE/68.4	1.02	57
13	EHS		332 and 334 Richmond Road Ottawa ON	S/70.7	1.07	57
14	PES	P. & T. EQUIPMENT	311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	ENE/72.5	0.03	57

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	SCT	GEVC Interactive Inc.	311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	ENE/72.5	0.03	58
15	HINC		343 RICHMOND ROAD Ottawa ON K2A 0E7	SW/82.4	-0.13	58
16	WWIS		Ottawa ON Well ID: 7295754	SSE/82.7	1.00	58
17	SPL	CANADIAN WASTE SERVICES	363 CHURCHILL, NORTH OF RICHMOND MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	NW/82.9	-0.99	61
18	EHS		345 Richmond Road Ottawa ON K2A 0E7	SW/84.0	-0.13	62
19	GEN	regional elevator	376 churchill road ottawa ON	W/84.1	-0.96	62
20	SCT	Imagnan Corp.	376 Churchill Ave N Suite 107 Ottawa ON K1Z 5C3	W/84.2	-0.96	62
20	EHS		376 Churchill Avenue Ottawa ON	W/84.2	-0.96	62
20	SCT	C.J.T. Surplus Equipment Ltd.	376 Churchill Ave N Suite 306 Ottawa ON K1Z 5C3	W/84.2	-0.96	63
21	GEN	WESTBOROUGH PHARMASAVE	340 RICHMOND ROAD OTTAWA ON K2A 0E8	SSW/92.3	1.01	63
21	GEN	WESTBORO PHARMACY LTD	WESTBORO PHARMACY LIMITED 340 RICHMOND ROAD OTTAWA ON K2A 0E8	SSW/92.3	1.01	63
22	GEN	Cassone Construction	300 Richmond Rd. Ottawa ON	E/94.7	1.08	64
23	EHS		305 Picton Avenue Ottawa ON K1Z 6V4	NE/94.9	-1.04	64

<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>
24	SCT	BlackCherry Digital Media Inc.	346 Richmond Rd Suite 210 Ottawa ON K2A 0E8	SSW/96.1	1.01	64
25	EHS		404 Eden Avenue Ottawa ON	ESE/97.1	1.08	64
26	GEN	561391 Ontario Inc.	350 Richmond Road Ottawa ON K2A 0E8	SSW/101.0	1.01	64
27	PINC		310 ELMGROVE AVE, OTTAWA ON	NNE/106.7	-1.23	65
27	SPL	Enbridge Gas Distribution Inc.	310 Elmsgrove Ave Ottawa ON	NNE/106.7	-1.23	65
28	GEN	METROTYPE GRAPHICS LTD.	364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	WNW/112.4	-1.78	66
28	GEN	METROTYPE GRAPHICS LTD.	364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	WNW/112.4	-1.78	66
28	GEN	METROTYPE GRAPHICS LTD. 26-238	364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	WNW/112.4	-1.78	66
28	GEN	METRO(OUT OF BUS) 26-238	364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	WNW/112.4	-1.78	66
28	GEN	Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW/112.4	-1.78	67
28	GEN	Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW/112.4	-1.78	67
28	GEN	Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW/112.4	-1.78	67
28	GEN	Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW/112.4	-1.78	68

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
28	GEN	Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW/112.4	-1.78	68
28	EHS		364 Churchill Ave N Ottawa ON K1Z5C2	WNW/112.4	-1.78	68
28	GEN	Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON	WNW/112.4	-1.78	69
28	GEN	Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW/112.4	-1.78	69
28	GEN	Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW/112.4	-1.78	69
29	SPL	UNKNOWN	WINONA & WHITBY ST OTTAWA CITY ON	N/117.0	-1.34	70
30	GEN	Cameron Veterinary Professional Corp	348 Whitby Ave Ottawa ON K2A 0B5	WNW/123.8	-2.05	70
30	GEN	Cameron Veterinary Professional Corp	348 Whitby Ave Ottawa ON K2A 0B5	WNW/123.8	-2.05	70
30	GEN	Cameron Veterinary Professional Corp	348 Whitby Ave Ottawa ON K2A 0B5	WNW/123.8	-2.05	71
31	WWIS		ON Well ID: 7224473	ENE/123.8	0.17	71
32	EHS		354 Richmond Road Ottawa ON K2A 0E8	SSW/124.6	1.01	72
32	GEN	PEARL CLEANERS	354B RICHMOND ROAD OTTAWA ON K2A 0E8	SSW/124.6	1.01	72
33	EHS		412 Churchill Ave Ottawa ON	S/124.8	1.02	73

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
33	EHS		412 Churchill Avenue Ottawa ON K1V 8Y5	S/124.8	1.02	73
33	SPL	Enbridge Gas Distribution Inc.	412 & 414 Churchill Ave. Ottawa ON	S/124.8	1.02	73
33	INC		412 & 414 Churchill Avenue, Ottawa ON	S/124.8	1.02	74
34	GEN	ALBERT & SON ENGRAVERS	412B CHURCHILL AVE. OTTAWA ON K1Z 5C6	S/124.9	1.02	74
35	CA	OTTAWA CITY	ELMGROVE AVE./WINONA AVE. OTTAWA CITY ON	N/127.8	-1.34	75
36	EHS		277 Richmond Rd Ottawa On Ottawa ON K1Z6X3	ENE/128.6	0.17	75
37	EHS		347 Churchill Ave N Ottawa ON K1Z5B8	NW/130.9	-2.05	75
38	PINC		351 Churchill Avenue North, Ottawa ON K1Z 5B8	NW/134.6	-2.05	76
39	ECA	M. J. Pulickal Holdings Inc.	347, 349, and 351 Churchill Ave N Ottawa ON K4A 2N5	NW/134.7	-2.05	76
40	SCT	Y'S OWL CO-OPERATIVE INC	290 PICTON AVE OTTAWA ON K1Z 8P8	NE/141.9	-0.91	76
40	SCT	Orezone Resources Inc.	290 Picton St Suite 201 Ottawa ON K1Z 8P8	NE/141.9	-0.91	76
40	SCT	Apption Software Inc.	290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	NE/141.9	-0.91	77
40	SCT	Orezone Gold Corporation	290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	NE/141.9	-0.91	77

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
41	PES	DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A 0E8	SW/144.9	1.10	77
41	EHS		356 Richmond Road Ottawa ON K2A 0E8	SW/144.9	1.10	77
41	EHS		356 Richmond Road Ottawa ON	SW/144.9	1.10	78
41	PES	DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A0E7	SW/144.9	1.10	78
42	SPL	Hydro-Ottawa	341 WHITBY ST<UNOFFICIAL> Ottawa ON K2A 0B3	WNW/145.2	-2.00	78
43	EHS		288 Richmond Road Ottawa ON K1Z 6X5	E/145.6	0.03	79
44	EHS		348 Winona Avenue Ottawa ON K1Z 5H4	NNW/147.0	-1.99	79
45	SPL	PRIVATE RESIDENCE	HOUSE AT 356 WHITBY AVE FURNACE OIL TANK OTTAWA CITY ON K2A 0B5	W/147.6	-2.08	79
46	SPL	Enbridge Gas Distribution Inc.	347 Churchill Ave Ottawa ON	NW/154.5	-2.69	80
46	PINC		347 CHURCHILL AVE, OTTAWA ON	NW/154.5	-2.69	80
47	EHS		363 Madison Ave Ottawa ON K2A0B6	W/160.4	-0.90	81
48	WWIS		ON Well ID: 7233985	WNW/161.7	-1.99	81
49	GEN	VELO SPORTABLE CYCLE	358 RICHMOND ROAD OTTAWA ON K2A 0E8	SW/161.8	1.10	82

<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>
49	GEN	1534244 Ontario Inc	358 Richmond Road Ottawa ON	SW/161.8	1.10	82
50	EHS		424 Churchill Avenue Ottawa ON K1Z 5C8	S/168.9	1.90	82
50	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1N 6B5	S/168.9	1.90	83
50	GEN	LAUNDRY LAND 24-215	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S/168.9	1.90	83
50	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S/168.9	1.90	83
50	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S/168.9	1.90	83
50	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S/168.9	1.90	84
50	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S/168.9	1.90	84
50	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S/168.9	1.90	84
50	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON	S/168.9	1.90	85
50	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	S/168.9	1.90	85
50	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	S/168.9	1.90	85
50	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	S/168.9	1.90	85

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
50	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	S/168.9	1.90	86
50	CDRY	Laundry Land	424 Churchill Ave N Ottawa ON K1Z5C8	S/168.9	1.90	86
50	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	S/168.9	1.90	88
51	SPL	Enbridge Gas Distribution Inc.	412 Edgewood Avenue Ottawa ON	ESE/171.1	1.07	88
52	WWIS		ON Well ID: 7317352	ENE/173.4	0.18	89
53	GEN	Hayles Foot and Ankle Clinic	344 Churchill Avenue north Ottawa ON K1Z 5C1	NW/179.5	-3.03	89
53	GEN	Hayles Foot and Ankle Clinic	344 Churchill Avenue north Ottawa ON K1Z 5C1	NW/179.5	-3.03	90
53	GEN	Hayles Foot and Ankle Clinic	344 Churchill Avenue north Ottawa ON K1Z 5C1	NW/179.5	-3.03	90
53	GEN	Hayles Foot and Ankle Clinic	344 Churchill Avenue north Ottawa ON K1Z 5C1	NW/179.5	-3.03	90
54	PINC		337 Churchill Avenue, Ottawa ON	NW/184.7	-3.00	90
55	WWIS		ON Well ID: 7317351	ENE/184.7	-0.98	91
56	SPL	PRIVATE RESIDENCE	359 WHITBY AVENUE FURNACE OIL TANK OTTAWA CITY ON K2A 0B3	W/188.7	-2.45	91
57	WWIS		OTTAWA ON	WSW/194.6	0.00	92

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7305577			
58	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON	SSW/197.4	1.71	95
58	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	SSW/197.4	1.71	95
58	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	SSW/197.4	1.71	95
58	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	SSW/197.4	1.71	96
59	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON	SW/199.5	0.98	96
59	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	SW/199.5	0.98	96
59	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	SW/199.5	0.98	97
59	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	SW/199.5	0.98	97
59	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	SW/199.5	0.98	97
59	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	SW/199.5	0.98	98
59	GEN	Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	SW/199.5	0.98	98
59	GEN	Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	SW/199.5	0.98	98
59	PES	MOUNTAIN EQUIPMENT CO- OPERATIVE	366 RICHMOND RD OTTAWA ON K2A 0E8	SW/199.5	0.98	99

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
60	PINC		409 EDGEWOOD AVENUE, OTTAWA ON	E/200.0	1.05	99
60	SPL	Enbridge Gas Distribution Inc.	409 Edgewood Avenue Ottawa ON	E/200.0	1.05	99
61	GEN	AL PARSONS (OUT OF BUSINESS)	376 MADISON AVE. OTTAWA ON K2A 0B7	WSW/202.0	-1.08	100
61	GEN	AL PARSONS (OUT OF BUSINESS) 02-233	376 MADISON AVE. OTTAWA ON K2A 0B7	WSW/202.0	-1.08	100
62	HINC		267 Richmond Rd OTTAWA ON	ENE/203.6	0.01	100
62	GEN	850676 ontario Limited	267 Richmond Rd. Ottawa ON K1Z 6X3	ENE/203.6	0.01	101
63	WWIS		ON Well ID: 1532963	NE/206.0	-0.77	101
64	SPL	8596239 Canada Inc. <UNOFFICIAL>	400 Athlone Ave Ottawa ON	E/207.3	0.19	104
65	EHS		270 Richmond Rd Ottawa ON K1Z6X2	ENE/211.1	0.02	104
66	CA	OTTAWA CITY	EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON	ESE/211.6	1.74	105
67	GEN	LES FRERES PROULX BROS. INC.	334 CHURCHHILL AVENUE NORTH OTTAWA ON K1Z 5B9	NW/214.5	-4.00	105
67	GEN	LES FRERES (OUT OF BUS) 24-556	334 CHURCHHILL AVENUE NORTH OTTAWA ON K1Z 5B9	NW/214.5	-4.00	105
67	SCT	gordongroup	334 Churchill Ave N Ottawa ON K1Z 5B9	NW/214.5	-4.00	105

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
67	EHS		334 Churchill Avenue North Ottawa ON K1Z 5B9	NW/214.5	-4.00	106
68	GEN	JOSEPH C. GAFFNEY	372 RICHMOND ROAD OTTAWA ON K2A 0E8	SW/216.5	0.14	106
68	GEN	JOSEPH C. GAFFNEY 22-433	372 RICHMOND ROAD OTTAWA ON K2A 0E8	SW/216.5	0.14	107
69	EHS		329 Churchill Avenue North Ottawa ON K1Z 5B8	NW/219.6	-3.58	107
69	GEN	ARCADIS CANADA INC.	329 Churchill Ave. North, Suite 200 Ottawa ON K1Z 5B8	NW/219.6	-3.58	107
70	EHS		329 Churchill Avenue North Ottawa ON K1Z 5B9	NW/219.6	-3.58	108
71	EHS		380 Richmond Rd Ottawa ON K2A 0E8	SW/223.0	0.00	108
72	WWIS		Ottawa ON Well ID: 7218229	S/227.2	2.85	108
73	PINC		349 WILMONT AVE, OTTAWA ON	WNW/228.6	-3.94	110
74	WWIS		OTTAWA ON Well ID: 7198182	SW/231.3	0.00	110
75	WWIS		OTTAWA ON Well ID: 7302176	NW/232.2	-4.13	113
76	WWIS		ON Well ID: 7201528	NW/232.6	-3.58	116
77	WWIS		OTTAWA ON	NNW/234.2	-3.58	117

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7302175			
78	WWIS		Ottawa ON Well ID: 7136557	ENE/236.8	-1.08	120
79	EHS		Byron Ottawa ON	SSW/240.5	2.15	122
80	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	SW/240.9	1.00	122
80	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	SW/240.9	1.00	123
80	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	SW/240.9	1.00	123
81	GEN	LAMBLE PHOTO-LAB SERVICES 24-946	371 ATHLONE AVE. OTTAWA ON K1Z 5M3	ENE/241.4	-1.08	123
81	SCT	Rose Drapery Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	ENE/241.4	-1.08	123
81	SCT	Rose Draperies Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	ENE/241.4	-1.08	124
82	SCT	Entomological Society of Cda	393 Winston Ave Ottawa ON K2A 1Y8	WSW/242.4	-1.01	124
83	PINC		422 ATHLONE AVE, OTTAWA ON	E/243.5	1.30	124
84	SPL	Enbridge Gas Distribution Inc.	263 Richmond Rd Ottawa ON	ENE/243.9	-1.08	124
85	SPL	ULTRAMAR	261 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6X1	ENE/244.0	-1.08	125
85	SCT	Rose Drapery Ltd.	261 Richmond Rd Ottawa ON K1Z 6X1	ENE/244.0	-1.08	125

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
86	WWIS		OTTAWA ON <i>Well ID: 7302177</i>	NW/244.5	-4.13	126
87	SPL		2070 Scott Street Ottawa ON K1Z 6S9	NNW/244.6	-3.71	129
88	WWIS		OTTAWA ON <i>Well ID: 7302178</i>	NW/245.1	-4.13	129
89	WWIS		OTTAWA ON <i>Well ID: 7245885</i>	NE/247.0	-1.87	132
90	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S/249.4	2.85	134
90	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S/249.4	2.85	134
90	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S/249.4	2.85	134
90	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S/249.4	2.85	135
90	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON	S/249.4	2.85	135
90	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S/249.4	2.85	135
90	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S/249.4	2.85	136
90	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S/249.4	2.85	136
90	GEN	Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	S/249.4	2.85	136

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
90	GEN	Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	S/249.4	2.85	137
91	SPL		342 Athlone Avenue Ottawa ON K1Z 5M4	NE/249.5	-1.86	137
92	SPL	SUNOCO	256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	E/249.6	-0.06	138
92	PRT	C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	E/249.6	-0.06	138
92	CA	C CORP (ONTARIO) INC.	256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	E/249.6	-0.06	138
92	FSTH	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	139
92	GEN	MACS CONVENIENCE STORES INC.	256 RICHMOND RD., OTTAWA ON K1Z 6W9	E/249.6	-0.06	139
92	FSTH	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	139
92	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	140
92	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	140
92	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	141
92	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	141

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
92	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	E/249.6	-0.06	141
92	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	E/249.6	-0.06	141
92	FST	MAC'S CONVENIENCE STORES INC**	256 RICHMOND R DAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	142
92	FST	MAC'S CONVENIENCE STORES INC**	256 RICHMOND R DAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	142
92	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND R DAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	142
92	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND R DAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	142
92	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND R DAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	143
92	EXP	MAC'S CONVENIENCE STORES INC**	256 RICHMOND R DAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	143
92	FST	MAC'S CONVENIENCE STORES INC**	256 RICHMOND R DAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	143
92	FST	MAC'S CONVENIENCE STORES INC**	256 RICHMOND R DAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E/249.6	-0.06	143
93	GEN	EJspa Corporation	2090 Scott Street ottawa ON	NNW/249.7	-4.06	144
94	SPL		424 Athlone St Ottawa ON	E/249.8	2.04	144

<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>
94	PINC		424 ATHLONE AVENUE, OTTAWA ON	E/249.8	2.04	144

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA CITY	EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON	ESE	211.56	66

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA CITY	ELMGROVE AVE./WINONA AVE. OTTAWA CITY ON	N	127.79	35

C CORP (ONTARIO) INC.	256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	E	249.61	92
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CDRY - Dry Cleaning Facilities

A search of the CDRY database, dated Jan 2004-Dec 2017 has found that there are 1 CDRY site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Laundry Land	424 Churchill Ave N Ottawa ON K1Z5C8	S	168.94	50

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Apr 30, 2020 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
M. J. Pulickal Holdings Inc.	347, 349, and 351 Churchill Ave N Ottawa ON K4A 2N5	NW	134.69	39

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 29 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	319 Richmond Rd Ottawa ON K1Z6X7	ESE	19.43	<u>1</u>
	319 Richmond Road Ottawa ON	ESE	19.49	<u>2</u>
	380 Winona Ave Ottawa ON K1Z 5H7	NNE	28.64	<u>4</u>
	Richmond Rd Churchill Ave N Ottawa ON	SSW	65.39	<u>10</u>
	322 Richmond Rd Ottawa ON K1Z6X6	SE	65.88	<u>11</u>
	332 and 334 Richmond Road Ottawa ON	S	70.75	<u>13</u>
	404 Eden Avenue Ottawa ON	ESE	97.09	<u>25</u>
	354 Richmond Road Ottawa ON K2A 0E8	SSW	124.55	<u>32</u>
	412 Churchill Ave Ottawa ON	S	124.85	<u>33</u>
	412 Churchill Avenue Ottawa ON K1V 8Y5	S	124.85	<u>33</u>
	277 Richmond Rd Ottawa On Ottawa ON K1Z6X3	ENE	128.63	<u>36</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	356 Richmond Road Ottawa ON K2A 0E8	SW	144.93	<u>41</u>
	356 Richmond Road Ottawa ON	SW	144.93	<u>41</u>
	288 Richmond Road Ottawa ON K1Z 6X5	E	145.65	<u>43</u>
	424 Churchill Avenue Ottawa ON K1Z 5C8	S	168.94	<u>50</u>
	270 Richmond Rd Ottawa ON K1Z6X2	ENE	211.14	<u>65</u>
	380 Richmond Rd Ottawa ON K2A 0E8	SW	222.96	<u>71</u>
	Byron Ottawa ON	SSW	240.47	<u>79</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	337 Richmond Road Ottawa ON K2A 0E7	SW	64.15	<u>9</u>
	345 Richmond Road Ottawa ON K2A 0E7	SW	84.02	<u>18</u>
	376 Churchill Avenue Ottawa ON	W	84.22	<u>20</u>
	305 Picton Avenue Ottawa ON K1Z 6V4	NE	94.95	<u>23</u>

364 Churchill Ave N Ottawa ON K1Z5C2	WNW	112.35	28
347 Churchill Ave N Ottawa ON K1Z5B8	NW	130.87	37
348 Winona Avenue Ottawa ON K1Z 5H4	NNW	147.04	44
363 Madison Ave Ottawa ON K2A0B6	W	160.35	47
334 Churchill Avenue North Ottawa ON K1Z 5B9	NW	214.49	67
329 Churchill Avenue North Ottawa ON K1Z 5B8	NW	219.56	69
329 Churchill Avenue North Ottawa ON K1Z 5B9	NW	219.60	70

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 16 EXP site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE	19.43	1
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE	19.43	1
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE	19.43	1

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE	19.43	<u>1</u>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE	19.43	<u>1</u>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE	19.43	<u>1</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	<u>92</u>
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	<u>92</u>
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	<u>92</u>
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	<u>92</u>
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	E	249.61	<u>92</u>
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	E	249.61	<u>92</u>
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	<u>92</u>
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	<u>92</u>

MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	92
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	92

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 4 FST site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	92
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	92
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	92
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	92

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 4 FSTH site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE	19.49	2
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	ESE	19.49	2

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	92
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	E	249.61	92

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 80 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Avenues Garage Ltd.	319 Richmond Rd Ottawa ON	ESE	19.43	1
HYBRID PHARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	SE	68.38	12
HYBRID PHARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	SE	68.38	12
WESTBOROUGH PHARMASAVE	340 RICHMOND ROAD OTTAWA ON K2A 0E8	SSW	92.32	21
WESTBORO PHARMACY LTD	WESTBORO PHARMACY LIMITED 340 RICHMOND ROAD OTTAWA ON K2A 0E8	SSW	92.32	21
Cassone Construction	300 Richmond Rd. Ottawa ON	E	94.74	22
561391 Ontario Inc.	350 Richmond Road Ottawa ON K2A 0E8	SSW	101.02	26
PEARL CLEANERS	354B RICHMOND ROAD OTTAWA ON K2A 0E8	SSW	124.55	32
ALBERT & SON ENGRAVERS	412B CHURCHILL AVE. OTTAWA ON K1Z 5C6	S	124.85	34

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
VELO SPORTABLE CYCLE	358 RICHMOND ROAD OTTAWA ON K2A 0E8	SW	161.85	49
1534244 Ontario Inc	358 Richmond Road Ottawa ON	SW	161.85	49
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1N 6B5	S	168.94	50
LAUNDRY LAND 24-215	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S	168.94	50
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S	168.94	50
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S	168.94	50
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S	168.94	50
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S	168.94	50
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	S	168.94	50
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON	S	168.94	50
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	S	168.94	50

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	S	168.94	<u>50</u>
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	S	168.94	<u>50</u>
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	S	168.94	<u>50</u>
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	S	168.94	<u>50</u>
Blyth Academy Ottawa	352 Danforth Ave Ottawa ON	SSW	197.44	<u>58</u>
Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	SSW	197.44	<u>58</u>
Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	SSW	197.44	<u>58</u>
Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	SSW	197.44	<u>58</u>
Mountain Equipment Co-op	366 Richmond Road Ottawa ON	SW	199.54	<u>59</u>
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	SW	199.54	<u>59</u>
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	SW	199.54	<u>59</u>
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	SW	199.54	<u>59</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	SW	199.54	<u>59</u>
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	SW	199.54	<u>59</u>
Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	SW	199.54	<u>59</u>
Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	SW	199.54	<u>59</u>
850676 ontario Limited	267 Richmond Rd. Ottawa ON K1Z 6X3	ENE	203.56	<u>62</u>
JOSEPH C. GAFFNEY	372 RICHMOND ROAD OTTAWA ON K2A 0E8	SW	216.51	<u>68</u>
JOSEPH C. GAFFNEY 22-433	372 RICHMOND ROAD OTTAWA ON K2A 0E8	SW	216.51	<u>68</u>
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	SW	240.90	<u>80</u>
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	SW	240.90	<u>80</u>
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	SW	240.90	<u>80</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S	249.42	<u>90</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S	249.42	<u>90</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S	249.42	<u>90</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S	249.42	<u>90</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON	S	249.42	<u>90</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S	249.42	<u>90</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S	249.42	<u>90</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	S	249.42	<u>90</u>
Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	S	249.42	<u>90</u>
Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	S	249.42	<u>90</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
regional elevator	376 churchill road ottawa ON	W	84.14	<u>19</u>
METROTYPE GRAPHICS LTD.	364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	WNW	112.35	<u>28</u>

METROTYPE GRAPHICS LTD.	364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	WNW	112.35	<u>28</u>
METROTYPE GRAPHICS LTD. 26-238	364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	WNW	112.35	<u>28</u>
METRO(OUT OF BUS) 26-238	364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	WNW	112.35	<u>28</u>
Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW	112.35	<u>28</u>
Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW	112.35	<u>28</u>
Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW	112.35	<u>28</u>
Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW	112.35	<u>28</u>
Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW	112.35	<u>28</u>
Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON	WNW	112.35	<u>28</u>
Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW	112.35	<u>28</u>
Cameron Veterinary Professional Corporation	364 Churchill Avenue North Ottawa ON K1Z 5C2	WNW	112.35	<u>28</u>
Cameron Veterinary Professional Corp	348 Whitby Ave Ottawa ON K2A 0B5	WNW	123.76	<u>30</u>
Cameron Veterinary Professional Corp	348 Whitby Ave Ottawa ON K2A 0B5	WNW	123.76	<u>30</u>

Cameron Veterinary Professional Corp	348 Whitby Ave Ottawa ON K2A 0B5	WNW	123.76	30
Hayles Foot and Ankle Clinic	344 Churchill Avenue north Ottawa ON K1Z 5C1	NW	179.51	53
Hayles Foot and Ankle Clinic	344 Churchill Avenue north Ottawa ON K1Z 5C1	NW	179.51	53
Hayles Foot and Ankle Clinic	344 Churchill Avenue north Ottawa ON K1Z 5C1	NW	179.51	53
Hayles Foot and Ankle Clinic	344 Churchill Avenue north Ottawa ON K1Z 5C1	NW	179.51	53
AL PARSONS (OUT OF BUSINESS)	376 MADISON AVE. OTTAWA ON K2A 0B7	WSW	202.01	61
AL PARSONS (OUT OF BUSINESS) 02-233	376 MADISON AVE. OTTAWA ON K2A 0B7	WSW	202.01	61
LES FRERES PROULX BROS. INC.	334 CHURCHHILL AVENUE NORTH OTTAWA ON K1Z 5B9	NW	214.49	67
LES FRERES (OUT OF BUS) 24-556	334 CHURCHHILL AVENUE NORTH OTTAWA ON K1Z 5B9	NW	214.49	67
ARCADIS CANADA INC.	329 Churchill Ave. North, Suite 200 Ottawa ON K1Z 5B8	NW	219.56	69
LAMBLE PHOTO-LAB SERVICES 24-946	371 ATHLONE AVE. OTTAWA ON K1Z 5M3	ENE	241.38	81
MACS CONVENIENCE STORES INC.	256 RICHMOND RD., OTTAWA ON K1Z 6W9	E	249.61	92

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 2 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	267 Richmond Rd OTTAWA ON	ENE	203.56	62

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	343 RICHMOND ROAD Ottawa ON K2A 0E7	SW	82.39	15

INC - Fuel Oil Spills and Leaks

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	412 & 414 Churchill Avenue, Ottawa ON	S	124.85	33

PES - Pesticide Register

A search of the PES database, dated 1988 - Apr 2020 has found that there are 4 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
P. & T. EQUIPMENT	311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	ENE	72.55	14
DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A0E7	SW	144.93	41
DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A 0E8	SW	144.93	41

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
MOUNTAIN EQUIPMENT CO-OPERATIVE	366 RICHMOND RD OTTAWA ON K2A 0E8	SW	199.54	59

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 8 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	409 EDGEWOOD AVENUE, OTTAWA ON	E	199.96	60
	422 ATHLONE AVE, OTTAWA ON	E	243.49	83
	424 ATHLONE AVENUE, OTTAWA ON	E	249.77	94

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	310 ELMGROVE AVE, OTTAWA ON	NNE	106.69	27
	351 Churchill Avenue North, Ottawa ON K1Z 5B8	NW	134.62	38
	347 CHURCHILL AVE, OTTAWA ON	NW	154.50	46
	337 Churchill Avenue, Ottawa ON	NW	184.68	54
	349 WILMONT AVE, OTTAWA ON	WNW	228.58	73

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
TWENTY FIRST CENTURY MOTORS INC	319 RICHMOND RD OTTAWA ON K1Z6X7	ESE	19.49	<u>2</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	E	249.61	<u>92</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 17 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Forbie Activewear	314 Richmond Rd Ottawa ON K1Z 6X6	ESE	59.58	<u>8</u>

Valberg Imaging	322 Richmond Rd Ottawa ON K1Z 6X6	SE	65.88	<u>11</u>
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GEVC Interactive Inc.	311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	ENE	72.55	<u>14</u>
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BlackCherry Digital Media Inc.	346 Richmond Rd Suite 210 Ottawa ON K2A 0E8	SSW	96.14	<u>24</u>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Gold Cast	377 Churchill Ave N Ottawa ON K1Z 5C4	NW	39.08	<u>5</u>

Forbie Activewear	375 Churchill Ave N Ottawa ON K1Z 5C4	NW	47.01	<u>6</u>
C.J.T. Surplus Equipment Ltd.	376 Churchill Ave N Suite 306 Ottawa ON K1Z 5C3	W	84.22	<u>20</u>
Imagnan Corp.	376 Churchill Ave N Suite 107 Ottawa ON K1Z 5C3	W	84.22	<u>20</u>
Orezone Gold Corporation	290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	NE	141.91	<u>40</u>
Orezone Resources Inc.	290 Picton St Suite 201 Ottawa ON K1Z 8P8	NE	141.91	<u>40</u>
Y'S OWL CO-OPERATIVE INC	290 PICTON AVE OTTAWA ON K1Z 8P8	NE	141.91	<u>40</u>
Apption Software Inc.	290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	NE	141.91	<u>40</u>
gordongroup	334 Churchill Ave N Ottawa ON K1Z 5B9	NW	214.49	<u>67</u>
Rose Draperies Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	ENE	241.38	<u>81</u>
Rose Drapery Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	ENE	241.38	<u>81</u>
Entomological Society of Cda	393 Winston Ave Ottawa ON K2A 1Y8	WSW	242.42	<u>82</u>
Rose Drapery Ltd.	261 Richmond Rd Ottawa ON K1Z 6X1	ENE	243.99	<u>85</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 17 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	412 & 414 Churchill Ave. Ottawa ON	S	124.85	<u>33</u>
Enbridge Gas Distribution Inc.	412 Edgewood Avenue Ottawa ON	ESE	171.09	<u>51</u>
Enbridge Gas Distribution Inc.	409 Edgewood Avenue Ottawa ON	E	199.96	<u>60</u>
8596239 Canada Inc. <UNOFFICIAL>	400 Athlone Ave Ottawa ON	E	207.29	<u>64</u>
	424 Athlone St Ottawa ON	E	249.77	<u>94</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN WASTE SERVICES	363 CHURCHILL, NORTH OF RICHMOND MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	NW	82.93	<u>17</u>
Enbridge Gas Distribution Inc.	310 Elmsgrove Ave Ottawa ON	NNE	106.69	<u>27</u>
UNKNOWN	WINONA & WHITBY ST OTTAWA CITY ON	N	117.01	<u>29</u>
Hydro-Ottawa	341 WHITBY ST<UNOFFICIAL> Ottawa ON K2A 0B3	WNW	145.25	<u>42</u>
PRIVATE RESIDENCE	HOUSE AT 356 WHITBY AVE FURNACE OIL TANK OTTAWA CITY ON K2A 0B5	W	147.62	<u>45</u>

Enbridge Gas Distribution Inc.	347 Churchill Ave Ottawa ON	NW	154.50	46
PRIVATE RESIDENCE	359 WHITBY AVENUE FURNACE OIL TANK OTTAWA CITY ON K2A 0B3	W	188.67	56
Enbridge Gas Distribution Inc.	263 Richmond Rd Ottawa ON	ENE	243.95	84
ULTRAMAR	261 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6X1	ENE	243.99	85
	2070 Scott Street Ottawa ON K1Z 6S9	NNW	244.62	87
	342 Athlone Avenue Ottawa ON K1Z 5M4	NE	249.45	91
SUNOCO	256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	E	249.61	92

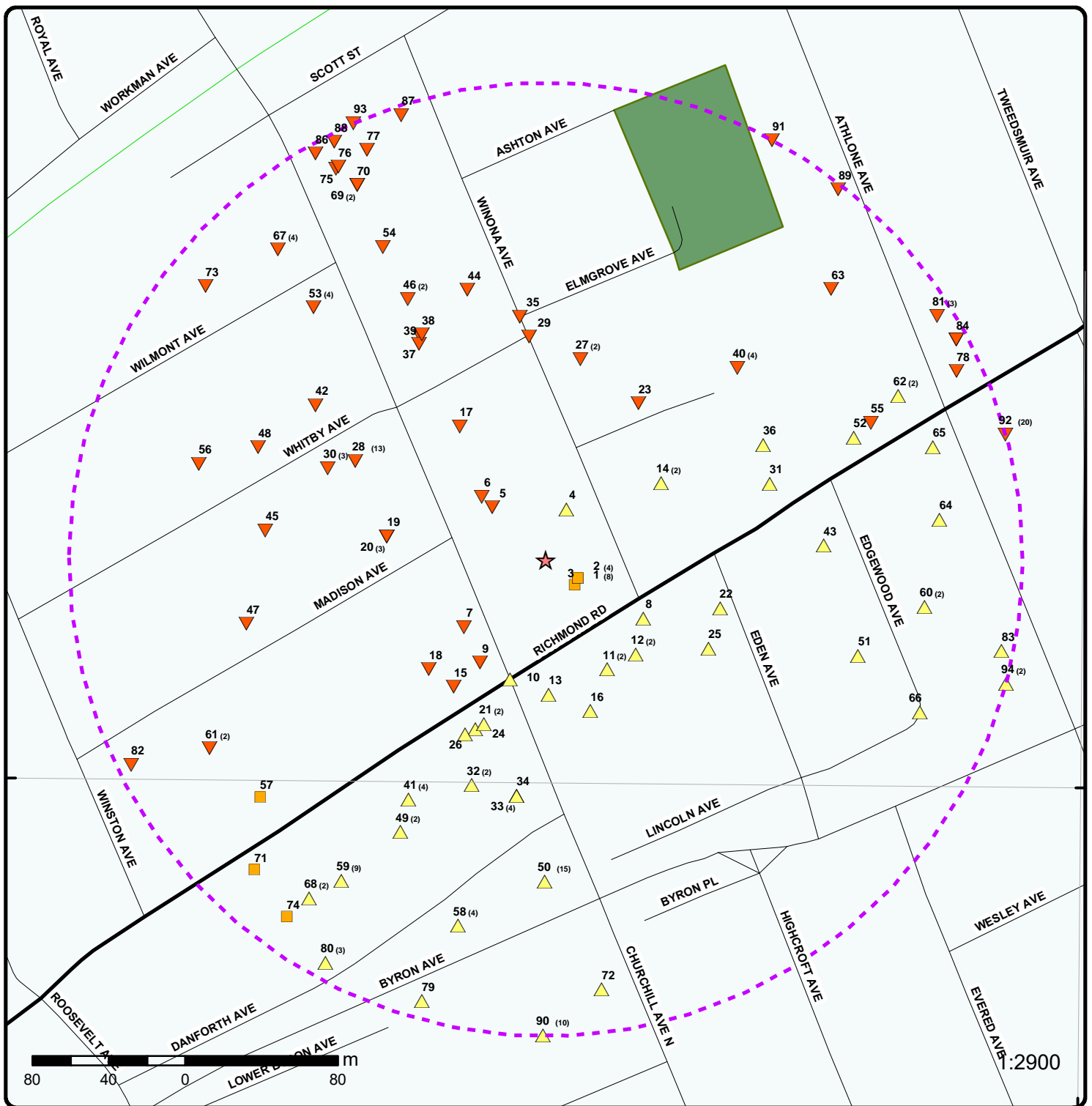
WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 18 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 31 con 1 ON <i>Well ID: 7292792</i>	ESE	20.28	3
	Ottawa ON <i>Well ID: 7295754</i>	SSE	82.69	16
	ON <i>Well ID: 7224473</i>	ENE	123.79	31

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID: 7317352</i>	ENE	173.38	52
	OTTAWA ON <i>Well ID: 7305577</i>	WSW	194.63	57
	Ottawa ON <i>Well ID: 7218229</i>	S	227.24	72
	OTTAWA ON <i>Well ID: 7198182</i>	SW	231.35	74
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Ottawa ON <i>Well ID: 7171703</i>	WSW	55.45	7
	ON <i>Well ID: 7233985</i>	WNW	161.74	48
	ON <i>Well ID: 7317351</i>	ENE	184.73	55
	ON <i>Well ID: 1532963</i>	NE	206.00	63
	OTTAWA ON <i>Well ID: 7302176</i>	NW	232.21	75
	ON <i>Well ID: 7201528</i>	NW	232.62	76
	OTTAWA ON <i>Well ID: 7302175</i>	NNW	234.22	77

Ottawa ON <i>Well ID:</i> 7136557	ENE	236.80	<u>78</u>
OTTAWA ON <i>Well ID:</i> 7302177	NW	244.53	<u>86</u>
OTTAWA ON <i>Well ID:</i> 7302178	NW	245.09	<u>88</u>
OTTAWA ON <i>Well ID:</i> 7245885	NE	246.97	<u>89</u>



Map : 0.25 Kilometer Radius

Order Number: 20200514086

Address: 319, 325 and 327 Richmond Road, 380 Winona Ave., and 381 Churchill 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
	Proposed Road		
	Ferry Route/Ice Road		

75°45'W

45°24'N

45°24'N



Aerial Year: 2019

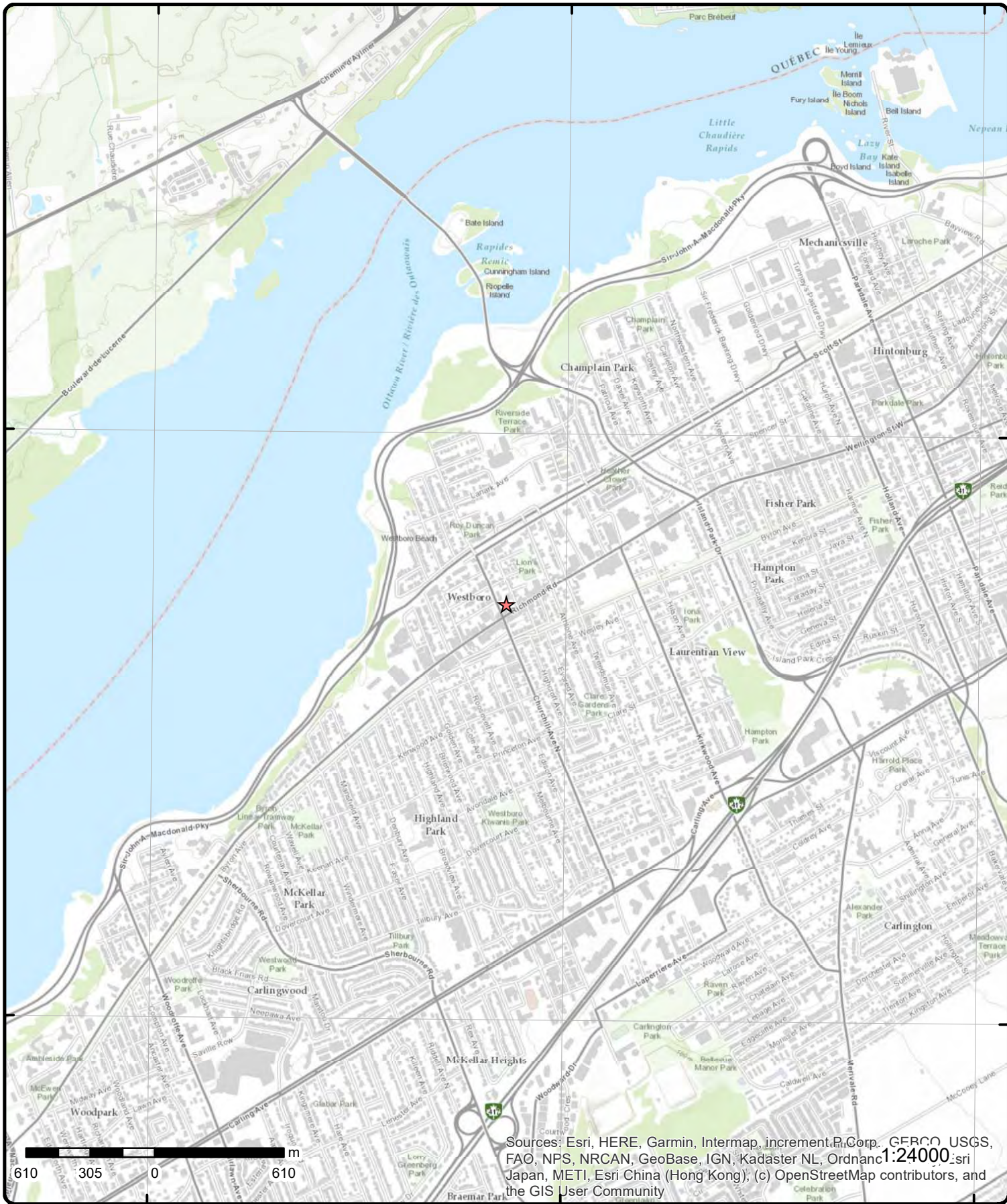
Order Number: 20200514086

Address: 319, 325 and 327 Richmond Road, 380 Winona Ave., and 381



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: 319, 325 and 327 Richmond Road, 380 Winona Ave., and 381

Source: ESRI World Topographic Map

Order Number: 20200514086



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 8	ESE/19.4	67.8 / 0.00	Avenues Garage Ltd. 319 Richmond Rd Ottawa ON	GEN
Generator No: ON3859040 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 811111 SIC Description: GENERAL AUTOMOTIVE REPAIR				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
<u>1</u>	2 of 8	ESE/19.4	67.8 / 0.00	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7	EXP
Instance No: 10905926 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 5/22/2013 10:28					
<u>1</u>	3 of 8	ESE/19.4	67.8 / 0.00	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7	EXP
Instance No: 10905941 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 5/22/2013 10:29					
<u>1</u>	4 of 8	ESE/19.4	67.8 / 0.00	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7	EXP
Instance No: 10905908 Instance ID:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		5/22/2013 10:28			
<u>1</u>	5 of 8	ESE/19.4	67.8 / 0.00	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7	EXP
Instance No:		10905908			
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:		5/22/2013 10:28:05 AM			
<u>1</u>	6 of 8	ESE/19.4	67.8 / 0.00	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7	EXP
Instance No:		10905926			
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:		5/22/2013 10:28:35 AM			
<u>1</u>	7 of 8	ESE/19.4	67.8 / 0.00	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7	EXP
Instance No:		10905941			
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:		5/22/2013 10:29:30 AM			
<u>1</u>	8 of 8	ESE/19.4	67.8 / 0.00	319 Richmond Rd Ottawa ON K1Z6X7	EHS
Order No:		20171218067		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		21-DEC-17		Search Radius (km): .25	
Date Received:		18-DEC-17		X: -75.753618	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name:				Y:	45.392568
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			

2	1 of 4	ESE/19.5	67.8 / 0.00	TWENTY FIRST CENTURY MOTORS INC 319 RICHMOND RD OTTAWA ON K1Z6X7	PRT
Location ID:		11058			
Type:		retail			
Expiry Date:		1995-11-30			
Capacity (L):		68100			
Licence #:		0076376086			

2	2 of 4	ESE/19.5	67.8 / 0.00	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7	FSTH
License Issue Date:		4/1/2002			
Tank Status:		Licensed			
Tank Status As Of:		August 2007			
Operation Type:		Retail Fuel Outlet			
Facility Type:		Gasoline Station - Full Serve			
--Details--					
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			

2	3 of 4	ESE/19.5	67.8 / 0.00	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7	FSTH
License Issue Date:		4/1/2002			
Tank Status:		Licensed			
Tank Status As Of:		December 2008			
Operation Type:		Retail Fuel Outlet			
Facility Type:		Gasoline Station - Full Serve			
--Details--					
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			

2	4 of 4	ESE/19.5	67.8 / 0.00	319 Richmond Road Ottawa ON	EHS
Order No:	20170710302			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	17-JUL-17			Search Radius (km):	.25
Date Received:	10-JUL-17			X:	-75.75336
Previous Site Name:				Y:	45.392635
Lot/Building Size:					
Additional Info Ordered:	City Directory				

3	1 of 1	ESE/20.3	67.8 / 0.00	lot 31 con 1 ON	WWIS
Well ID:	7292792			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/17/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	7543
Casing Material:				Form Version:	8
Audit No:	C36222			Owner:	
Tag:	A191633			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	031
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
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:	1006712700			Elevation:	67.020515
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441029
Code OB Desc:				North83:	5026841
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	7/27/2017			UTMRC Desc:	margin of error : 30 m - 100 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Location Method: WWT	
<u>4</u>	1 of 1	NNE/28.6	67.9 / 0.05	380 Winona Ave Ottawa ON K1Z 5H7	EHS
Order No: 20191113108 Status: C Report Type: Standard Report Report Date: 18-NOV-19 Date Received: 13-NOV-19 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: -75.753442 Y: 45.39296				
<u>5</u>	1 of 1	NW/39.1	67.3 / -0.56	Gold Cast 377 Churchill Ave N Ottawa ON K1Z 5C4	SCT
Established: 01-AUG-93 Plant Size (ft²): Employment:					
--Details-- Description: Jewellery and Silverware Manufacturing SIC/NAICS Code: 339910					
<u>6</u>	1 of 1	NW/47.0	67.3 / -0.56	Forbie Activewear 375 Churchill Ave N Ottawa ON K1Z 5C4	SCT
Established: 01-MAY-93 Plant Size (ft²): Employment:					
--Details-- Description: Cut and Sew Clothing Contracting SIC/NAICS Code: 315210 Description: Other Men's and Boys' Cut and Sew Clothing Manufacturing SIC/NAICS Code: 315229 Description: All Other Cut and Sew Clothing Manufacturing SIC/NAICS Code: 315299 Description: Cut and Sew Clothing Contracting SIC/NAICS Code: 315210 Description: Clothing Accessories and Other Clothing Manufacturing SIC/NAICS Code: 315990 Description: Other Women's and Girls' Cut and Sew Clothing Manufacturing SIC/NAICS Code: 315239					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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7

1 of 1

WSW/55.5

67.8 / -0.02

Ottawa ON

WWIS

Well ID: 7171703
 Construction Date:
 Primary Water Use: Monitoring and Test Hole
 Sec. Water Use: 0
 Final Well Status: Test Hole
 Water Type:
 Casing Material:
 Audit No: Z134378
 Tag: A106606
 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: 11/15/2011
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 7241
 Form Version: 7
 Owner:
 Street Name: 337 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: 1003606801
 DP2BR:
 Spatial Status:
 Code OB:
 Code OB Desc:
 Open Hole:
 Cluster Kind:
 Date Completed: 9/8/2011
 Remarks:
 Elevrc Desc:
 Location Source Date:
 Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

Elevation: 66.915748
 Elevrc:
 Zone: 18
 East83: 440971
 North83: 5026819
 Org CS: UTM83
 UTMRC: 3
 UTMRC Desc: margin of error : 10 - 30 m
 Location Method: wwr

Overburden and Bedrock

Materials Interval

Formation ID: 1004064138
 Layer: 2
 Color: 2
 General Color: GREY
 Mat1: 15
 Most Common Material: LIMESTONE
 Mat2: 68
 Other Materials: DRY
 Mat3: 73
 Other Materials: HARD
 Formation Top Depth: 0.61
 Formation End Depth: 9.14
 Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1004064137			
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:		0.61			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004064148			
Layer:		3			
Plug From:		1.5			
Plug To:		9.14			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004064147			
Layer:		2			
Plug From:		0.31			
Plug To:		1.5			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004064146			
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:		1004064136			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004064141			
Layer:		1			
Material:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.5			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004064142			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5			
Screen End Depth:		9.14			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Hole Diameter</u>					
Hole ID:		1004064139			
Diameter:		5.71			
Depth From:		0			
Depth To:		9.14			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>8</u>	1 of 1	ESE/59.6	68.9 / 1.02	Forbie Activewear 314 Richmond Rd Ottawa ON K1Z 6X6	SC7
Established:		1993			
Plant Size (ft²):					
Employment:					
<u>--Details--</u>					
Description:		Cut and Sew Clothing Contracting			
SIC/NAICS Code:		315210			
Description:		Other Men's and Boys' Cut and Sew Clothing Manufacturing			
SIC/NAICS Code:		315229			
Description:		Other Women's and Girls' Cut and Sew Clothing Manufacturing			
SIC/NAICS Code:		315239			
Description:		All Other Cut and Sew Clothing Manufacturing			
SIC/NAICS Code:		315299			
Description:		Clothing Accessories and Other Clothing Manufacturing			
SIC/NAICS Code:		315990			
<u>9</u>	1 of 1	SW/64.1	67.8 / -0.02	337 Richmond Road Ottawa ON K2A 0E7	EHS
Order No:		20110815003		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Client Prov/State: ON	
Report Date:		8/19/2011		Search Radius (km): 0.25	
Date Received:		8/15/2011 9:06:50 AM		X: -75.754012	
Previous Site Name:				Y: 45.392231	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Lot/Building Size:</i> <i>Additional Info Ordered:</i>					
10	1 of 1	SSW/65.4	68.6 / 0.71	Richmond Rd Churchill Ave N Ottawa ON	EHS
<i>Order No:</i>	20170727127			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	Standard Report			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	03-AUG-17			<i>Search Radius (km):</i>	.25
<i>Date Received:</i>	27-JUL-17			<i>X:</i>	-75.753809
<i>Previous Site Name:</i>				<i>Y:</i>	45.392155
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					
<hr/>					
11	1 of 2	SE/65.9	68.9 / 1.00	Valberg Imaging 322 Richmond Rd Ottawa ON K1Z 6X6	SCT
<i>Established:</i>	01-DEC-85				
<i>Plant Size (ft²):</i>					
<i>Employment:</i>					
<i>--Details--</i>					
<i>Description:</i>	Other Printing				
<i>SIC/NAICS Code:</i>	323119				
<i>Description:</i>	Photographic Services				
<i>SIC/NAICS Code:</i>	541920				
<hr/>					
11	2 of 2	SE/65.9	68.9 / 1.00	322 Richmond Rd Ottawa ON K1Z6X6	EHS
<i>Order No:</i>	20170719096			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	Standard Report			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	25-JUL-17			<i>Search Radius (km):</i>	.25
<i>Date Received:</i>	19-JUL-17			<i>X:</i>	-75.753159
<i>Previous Site Name:</i>				<i>Y:</i>	45.392206
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>	Fire Insur. Maps and/or Site Plans				
<hr/>					
12	1 of 2	SE/68.4	68.9 / 1.02	HYBRID PHRRM INC 318 RICHMOND RD OTTAWA ON K1Z6X6	GEN
<i>Generator No:</i>	ON3143006			<i>PO Box No:</i>	
<i>Status:</i>	Registered			<i>Country:</i>	Canada
<i>Approval Years:</i>	As of Dec 2018			<i>Choice of Contact:</i>	
<i>Contam. Facility:</i>				<i>Co Admin:</i>	
<i>MHSW Facility:</i>				<i>Phone No Admin:</i>	
<i>SIC Code:</i>					
<i>SIC Description:</i>					
<i>Detail(s)</i>					
<i>Waste Class:</i>	261 C				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Pharmaceuticals			
12	2 of 2	SE/68.4	68.9 / 1.02	HYBRID PHARM INC 318 RICHMOND RD OTTAWA ON K1Z6X6	GEN
Generator No:	ON3143006			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:					
<u>Detail(s)</u>					
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	261 C				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
13	1 of 1	S/70.7	68.9 / 1.07	332 and 334 Richmond Road Ottawa ON	EHS
Order No:	20051104004			Nearest Intersection:	Richmond Rd. and Churchill Ave. N.
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	11/14/2005			Search Radius (km):	0.25
Date Received:	11/4/2005			X:	-75.75355
Previous Site Name:				Y:	45.392084
Lot/Building Size:					
Additional Info Ordered:					
14	1 of 2	ENE/72.5	67.9 / 0.03	P. & T. EQUIPMENT 311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Operator			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	2 of 2	ENE/72.5	67.9 / 0.03	GEVC Interactive Inc. 311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	SCT
Established: Plant Size (ft²): Employment:		01-AUG-94			
--Details-- Description: SIC/NAICS Code:		Software Publishers 511210			
15	1 of 1	SW/82.4	67.7 / -0.13	343 RICHMOND ROAD Ottawa ON K2A 0E7	HINC
External File Num: Fuel Occurrence Type: Date of Occurrence: Fuel Type Involved: Status Desc: Job Type Desc: Oper. Type Involved: Service Interruptions: Property Damage: Fuel Life Cycle Stage: Root Cause:		FS INC 0609-02847 Pipeline Strike 10/18/2006 Natural Gas Completed - Causal Analysis(End) Incident/Near-Miss Occurrence (FS) Commercial (e.g. restaurant, business unit, etc) Yes No Utilization Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:No Human Factors:Yes			
Reported Details: Fuel Category: Occurrence Type: Affiliation: County Name: Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:		Gaseous Fuel Incident Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Ottawa			
16	1 of 1	SSE/82.7	68.9 / 1.00	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:		7295754 Test Hole Monitoring Monitoring and Test Hole Z258542 A189841		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:	
				9/29/2017 Yes 7241 7 324 RICHMOND ROAD OTTAWA-CARLETON OTTAWA CITY	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	1006738446			Elevation:	68.905883
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441037
Code OB Desc:				North83:	5026775
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/21/2017			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:	1006884698				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:	73				
Other Materials:	HARD				
Mat3:	79				
Other Materials:	PACKED				
Formation Top Depth:	0				
Formation End Depth:	1				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006884700				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:	74				
Other Materials:	LAYERED				
Mat3:	73				
Other Materials:	HARD				
Formation Top Depth:	3				
Formation End Depth:	4				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006884699				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:	11				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:		GRAVEL			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		1			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006884712			
Layer:		4			
Plug From:		19			
Plug To:		40			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006884710			
Layer:		2			
Plug From:		1			
Plug To:		2			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006884709			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006884711			
Layer:		3			
Plug From:		2			
Plug To:		19			
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:		DIAMOND			
<u>Pipe Information</u>					
Pipe ID:		1006884697			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Casing ID:		1006884704			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		20			
Casing Diameter:		1.38			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006884705			
Layer:		1			
Slot:		10			
Screen Top Depth:		20			
Screen End Depth:		40			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.66			
<u>Hole Diameter</u>					
Hole ID:		1006884701			
Diameter:		2.875			
Depth From:		0			
Depth To:		4			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1006884702			
Diameter:		2.375			
Depth From:		4			
Depth To:		40			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<hr/>					

<u>17</u>	1 of 1	NW/82.9	66.9 / -0.99	CANADIAN WASTE SERVICES 363 CHURCHILL, NORTH OF RICHMOND MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	SPL
Ref No:	207678			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	8/2/2001			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	20107
Nature of Impact:	Other			Site Lot:	
Receiving Medium:	Land, Water			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MOE Reported Dt: 8/2/2001 Dt Document Closed: Incident Reason: MATERIAL FAILURE Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: CAN WASTE: TRUCK BLEW HYDRAULIC LINE, 140 L TO ROAD, C/B-CLEANING Contaminant Qty:					
18	1 of 1	SW/84.0	67.7 / -0.13	345 Richmond Road Ottawa ON K2A 0E7	EHS
Order No: 20090504042 Status: C Report Type: Standard Report Report Date: 5/13/2009 Date Received: 5/4/2009 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.754352 Y: 45.392197					
19	1 of 1	W/84.1	66.9 / -0.96	regional elevator 376 churchill road ottawa ON	GEN
Generator No: ON2901040 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 238291 SIC Description:					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
20	1 of 3	W/84.2	66.9 / -0.96	Imagnan Corp. 376 Churchill Ave N Suite 107 Ottawa ON K1Z 5C3	SCT
Established: 01-JUN-95 Plant Size (ft²): Employment:					
--Details-- Description: Stationery and Office Supplies Wholesaler-Distributors SIC/NAICS Code: 418210 Description: All Other Industrial Machinery Manufacturing SIC/NAICS Code: 333299					
20	2 of 3	W/84.2	66.9 / -0.96	376 Churchill Avenue Ottawa ON	EHS
Order No: 20100330018 Status: C Report Type: Custom Report Report Date: 4/7/2010 Date Received: 3/30/2010 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.754597 Y: 45.392814					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	3 of 3	W/84.2	66.9 / -0.96	C.J.T. Surplus Equipment Ltd. 376 Churchill Ave N Suite 306 Ottawa ON K1Z 5C3	SCT
Established:		01-DEC-70			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Wholesale Trade Agents and Brokers			
SIC/NAICS Code:		419120			
Description:		Wholesale Trade Agents and Brokers			
SIC/NAICS Code:		419120			
21	1 of 2	SSW/92.3	68.9 / 1.01	WESTBOROUGH PHARMASAVE 340 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No:		ON1842422		PO Box No:	
Status:				Country:	
Approval Years:		00,01		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		6031			
SIC Description:		PHARMACIES			
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
21	2 of 2	SSW/92.3	68.9 / 1.01	WESTBORO PHARMACY LTD WESTBORO PHARMACY LIMITED 340 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No:		ON1842422		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:					
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 1	E/94.7	68.9 / 1.08	Cassone Construction 300 Richmond Rd. Ottawa ON	GEN
Generator No:		ON4702399		PO Box No:	
Status:				Country:	
Approval Years:		2012		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		236220			
SIC Description:		Commercial and Institutional Building Construction			
23	1 of 1	NE/94.9	66.8 / -1.04	305 Picton Avenue Ottawa ON K1Z 6V4	EHS
Order No:		20120725032		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		03-AUG-12		Search Radius (km): .25	
Date Received:		25-JUL-12		X: -75.752967	
Previous Site Name:				Y: 45.393459	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; City Directory			
24	1 of 1	SSW/96.1	68.9 / 1.01	BlackCherry Digital Media Inc. 346 Richmond Rd Suite 210 Ottawa ON K2A 0E8	SCT
Established:		01-AUG-04			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Graphic Design Services			
SIC/NAICS Code:		541430			
Description:		Software Publishers			
SIC/NAICS Code:		511210			
Description:		Computer Systems Design and Related Services			
SIC/NAICS Code:		541510			
Description:		Motion Picture and Video Production			
SIC/NAICS Code:		512110			
25	1 of 1	ESE/97.1	68.9 / 1.08	404 Eden Avenue Ottawa ON	EHS
Order No:		20160202061		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		05-FEB-16		Search Radius (km): .25	
Date Received:		02-FEB-16		X: -75.752484	
Previous Site Name:				Y: 45.392308	
Lot/Building Size:					
Additional Info Ordered:		City Directory			
26	1 of 1	SSW/101.0	68.9 / 1.01	561391 Ontario Inc. 350 Richmond Road	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON K2A 0E8					
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1337355 03,04			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
27	1 of 2	NNE/106.7	66.6 / -1.23	310 ELMGROVE AVE, OTTAWA ON	PINC
Incident ID: Incident No: 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:	1899576 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			Health Impact: Environment Impact: 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
27	2 of 2	NNE/106.7	66.6 / -1.23	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:	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>			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 TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site County/District: Site Geo Ref Meth: Incident Summary: TSSA 2 inch main damage, made safe Contaminant Qty: 0 other - see incident description					
28	1 of 13	WNW/112.4	66.1 / -1.78	METROTYPE GRAPHICS LTD. 364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	GEN
Generator No:	ON0785600			PO Box No:	
Status:				Country:	
Approval Years:	88,89			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2821				
SIC Description:	PLATEMAKING, ETC.				
<u>Detail(s)</u>					
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
28	2 of 13	WNW/112.4	66.1 / -1.78	METROTYPE GRAPHICS LTD. 364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	GEN
Generator No:	ON0785600			PO Box No:	
Status:				Country:	
Approval Years:	90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2821				
SIC Description:	PLATEMAKING, ETC.				
<u>Detail(s)</u>					
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
28	3 of 13	WNW/112.4	66.1 / -1.78	METROTYPE GRAPHICS LTD. 26-238 364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	GEN
Generator No:	ON0785600			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2821				
SIC Description:	PLATEMAKING, ETC.				
<u>Detail(s)</u>					
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
28	4 of 13	WNW/112.4	66.1 / -1.78	METRO(OUT OF BUS) 26-238 364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON0785600			PO Box No:	
Status:				Country:	
Approval Years:	97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2821				
SIC Description:		PLATEMAKING, ETC.			
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
<u>28</u>	5 of 13	WNW/112.4	66.1 / -1.78	Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2	GEN
Generator No:	ON2549408			PO Box No:	
Status:				Country:	
Approval Years:	07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:		Veterinary Services			
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
<u>28</u>	6 of 13	WNW/112.4	66.1 / -1.78	Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2	GEN
Generator No:	ON2549408			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:		Veterinary Services			
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
<u>28</u>	7 of 13	WNW/112.4	66.1 / -1.78	Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2	GEN
Generator No:	ON2549408			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: 541940 SIC Description:		Veterinary Services		Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
28	8 of 13	WNW/112.4	66.1 / -1.78	Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2	GEN
Generator No: ON2549408 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 541940 SIC Description:		Veterinary Services		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
28	9 of 13	WNW/112.4	66.1 / -1.78	Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2	GEN
Generator No: ON2549408 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 541940 SIC Description:		Veterinary Services		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
28	10 of 13	WNW/112.4	66.1 / -1.78	364 Churchill Ave N Ottawa ON K1Z5C2	EHS
Order No: 20130619029 Status: C Report Type: Standard Report Report Date: 27-JUN-13 Date Received: 19-JUN-13		Nearest Intersection: Municipality: Ottawa Client Prov/State: ON Search Radius (km): .25 X: -75.754805			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name: Lot/Building Size: 331 square metres Additional Info Ordered:				Y: 45.39322	
28	11 of 13	WNW/112.4	66.1 / -1.78	Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON	GEN
Generator No:	ON2549408			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:	VETERINARY SERVICES				
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
28	12 of 13	WNW/112.4	66.1 / -1.78	Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2	GEN
Generator No:	ON2549408			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:	541940				
SIC Description:	VETERINARY SERVICES				
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
28	13 of 13	WNW/112.4	66.1 / -1.78	Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2	GEN
Generator No:	ON2549408			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:	541940				
SIC Description:	VETERINARY SERVICES				
<u>Detail(s)</u>					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
29	1 of 1	N/117.0	66.5 / -1.34	UNKNOWN WINONA & WHITBY ST OTTAWA CITY ON	SPL
Ref No:	128862			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	//			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:	CONFIRMED			Site Municipality:	20101
Nature of Impact:	Water course or lake			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	CITY OF OTTAWA WORKS
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	7/6/1996			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	OTHER			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	UNK SOURCE-FURNACE OIL IN-FILTRATED TO STORM C- BASINS.PUMPING OUT-WORKS.				
Contaminant Qty:					
30	1 of 3	WNW/123.8	65.8 / -2.05	Cameron Veterinary Professional Corp 348 Whitby Ave Ottawa ON K2A 0B5	GEN
Generator No:	ON3065966			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Dan Cameron
MHSW Facility:	No			Phone No Admin:	6137225717 Ext.
SIC Code:	541940				
SIC Description:	VETERINARY SERVICES				
Detail(s)					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
30	2 of 3	WNW/123.8	65.8 / -2.05	Cameron Veterinary Professional Corp 348 Whitby Ave Ottawa ON K2A 0B5	GEN
Generator No:	ON3065966			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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MHSW Facility:
SIC Code:
SIC Description:

Phone No Admin:

Detail(s)

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

Waste Class: 212 I
Waste Class Desc: Aliphatic solvents and residues

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 264 L
Waste Class Desc: Photoprocessing wastes

Waste Class: 264 T
Waste Class Desc: Photoprocessing wastes

Waste Class: 312 P
Waste Class Desc: Pathological wastes

30	3 of 3	WNW/123.8	65.8 / -2.05	Cameron Veterinary Professional Corp 348 Whitby Ave Ottawa ON K2A 0B5	GEN
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Generator No: ON3065966
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: 212 L
Waste Class Desc: Aliphatic solvents and residues

Waste Class: 212 I
Waste Class Desc: Aliphatic solvents and residues

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 264 L
Waste Class Desc: Photoprocessing wastes

31	1 of 1	ENE/123.8	68.0 / 0.17	ON	WWIS
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Well ID: 7224473
Data Entry Status: Yes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: C22339 Tag: A147227 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 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:	
<u>Bore Hole Information</u>					
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	
32	1 of 2	SSW/124.6	68.9 / 1.01	354 Richmond Road Ottawa ON K2A 0E8	EHS
Order No: 20030922015 Status: C Report Type: Custom Report Report Date: 9/24/03 Date Received: 9/22/03 Previous Site Name: Lot/Building Size: Additional Info Ordered:				Nearest Intersection: Churchill Avenue Municipality: (formerly RMOC) Client Prov/State: ON Search Radius (km): 0.25 X: 0 Y: 0	
32	2 of 2	SSW/124.6	68.9 / 1.01	PEARL CLEANERS 354B RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No: ON1984500 Status: Approval Years: 95,96,97,98,99,00,01 Contam. Facility: MHSW Facility: SIC Code: 2499 SIC Description: OTHER CLOTHING ETC.				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:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
33	1 of 4	S/124.8	68.9 / 1.02	412 Churchill Ave Ottawa ON	EHS
Order No:	20041115003			Nearest Intersection:	Richmond Road & Churchill Ave
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	11/18/04			Search Radius (km):	0.25
Date Received:	11/15/04			X:	-75.753662
Previous Site Name:				Y:	45.391773
Lot/Building Size:					
Additional Info Ordered:					
33	2 of 4	S/124.8	68.9 / 1.02	412 Churchill Avenue Ottawa ON K1V 8Y5	EHS
Order No:	20061204035			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Complete Report			Client Prov/State:	ON
Report Date:	12/8/2006			Search Radius (km):	0.25
Date Received:	12/4/2006			X:	-75.753662
Previous Site Name:				Y:	45.391773
Lot/Building Size:					
Additional Info Ordered:					
33	3 of 4	S/124.8	68.9 / 1.02	Enbridge Gas Distribution Inc. 412 & 414 Churchill Ave. Ottawa ON	SPL
Ref No:	8482-84ZNTG			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:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	4/30/2010			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	TSSA - Fuel Safety Branch
Incident Reason:	Equipment/Vehicles			Source Type:	
Site Name:	possible road Construction site<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA: Enbridge:1" plastic damage, methane to atmosphere				
Contaminant Qty:	40 min (duration)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	4 of 4	S/124.8	68.9 / 1.02	412 & 414 Churchill Avenue, Ottawa ON	INC
<p> Incident No: 377302 Incident ID: 2528892 Attribute Category: FS-Incident Status Code: Causal Analysis Complete Incident Location: 412 & 414 Churchill 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: Plastic Depth Ground Cover: .8m Regulator Location: Outside Regulator Type: Service Regulator (up to 60 psi intake) Operation Pressure: IP 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: Gas Line not properly Located. Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Capac: Liquid Prop Notes: </p>					
34	1 of 1	S/124.9	68.9 / 1.02	ALBERT & SON ENGRAVERS 412B CHURCHILL AVE. OTTAWA ON K1Z 5C6	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: ON2135900 Status: Approval Years: 96,97,98 Contam. Facility: MHSW Facility: SIC Code: 2821 SIC Description: PLATEMAKING, ETC.					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
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					
35	1 of 1	N/127.8	66.5 / -1.34	OTTAWA CITY ELMGROVE AVE./WINONA AVE. OTTAWA CITY ON	CA
Certificate #: 3-1176-94- Application Year: 94 Issue Date: 9/7/1994 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
36	1 of 1	ENE/128.6	68.0 / 0.17	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					
37	1 of 1	NW/130.9	65.8 / -2.05	347 Churchill Ave N Ottawa ON K1Z5B8	EHS
Order No: 20150127023 Status: C Report Type: Custom Report Report Date: 30-JAN-15 Date Received: 27-JAN-15 Previous Site Name: Lot/Building Size: Additional Info Ordered: Topographic Maps					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.754439 Y: 45.39373					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	1 of 1	NW/134.6	65.8 / -2.05	351 Churchill Avenue North, Ottawa ON K1Z 5B8	PINC
Incident ID:	2695024			Health Impact:	
Incident No:	538578			Environment Impact:	
Type:	FS-Pipeline Incident			Property Damage:	
Status Code:	Pipeline Damage Reason Est			Service Interupt:	
Fuel Occurrence Tp:				Enforce Policy:	
Fuel Type:				Public Relation:	
Tank Status:				Pipeline System:	
Task No:				Depth:	
Spills Action Centre:				Pipe Material:	
Method Details:	utility damage			PSIG:	
Fuel Category:	Heating Fuel			Attribute Category:	
Date of Occurrence:				Regulator Location:	
Occurrence Start Date:					
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:	351 Churchill Avenue North, Ottawa - 1/2" Pipeline Hit				
Reported By:	Stiles, Jeff - Enbridge				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
Occurrence Desc:					
Damage Reason:					
Notes:					
39	1 of 1	NW/134.7	65.8 / -2.05	M. J. Pulickal Holdings Inc. 347, 349, and 351 Churchill Ave N Ottawa ON K4A 2N5	ECA
Approval No:	7715-AWZKR4			MOE District:	
Approval Date:	2018-05-03			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:	347, 349, and 351 Churchill Ave N				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3528-ATYKPM-14.pdf				
40	1 of 4	NE/141.9	66.9 / -0.91	Y'S OWL CO-OPERATIVE INC 290 PICTON AVE OTTAWA ON K1Z 8P8	SCT
Established:	1981				
Plant Size (ft²):	8000				
Employment:	17				
--Details--					
Description:	PLASTICS PRODUCTS, N.E.C.				
SIC/NAICS Code:	3089				
40	2 of 4	NE/141.9	66.9 / -0.91	Orezone Resources Inc. 290 Picton St Suite 201 Ottawa ON K1Z 8P8	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Established:		1987			
Plant Size (ft²):					
Employment:		10			
40	3 of 4	NE/141.9	66.9 / -0.91	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			
40	4 of 4	NE/141.9	66.9 / -0.91	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			
41	1 of 4	SW/144.9	68.9 / 1.10	DOVERS HARDWARE 356 RICHMOND ROAD OTTAWA ON K2A 0E8	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:		Vendor		Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					
41	2 of 4	SW/144.9	68.9 / 1.10	356 Richmond Road Ottawa ON K2A 0E8	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No:	20091223015			Nearest Intersection: Richmond road and Churchill Avenue	
Status:	C			Municipality: Ottawa	
Report Type:	Standard Report			Client Prov/State: ON	
Report Date:	12/31/2009			Search Radius (km): 0.25	
Date Received:	12/23/2009			X: -75.754594	
Previous Site Name:				Y: 45.391582	
Lot/Building Size:	5100 square feet				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				
41	3 of 4	SW/144.9	68.9 / 1.10	356 Richmond Road Ottawa ON	EHS
Order No:	20160608079			Nearest Intersection:	
Status:	C			Municipality: Ottawa	
Report Type:	Standard Report			Client Prov/State: ON	
Report Date:	15-JUN-16			Search Radius (km): .25	
Date Received:	08-JUN-16			X: -75.754455	
Previous Site Name:	Antique Store, unknown			Y: 45.391589	
Lot/Building Size:	-0.1 ac				
Additional Info Ordered:					
41	4 of 4	SW/144.9	68.9 / 1.10	DOVERS HARDWARE 356 RICHMOND ROAD OTTAWA ON K2A0E7	PES
Detail Licence No:				Operator Box:	
Licence No:	05219			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code: 613	
Licence Type:	Retail Vendor Class 03			Oper Phone No: 7224523	
Licence Type Code:	21			Operator Ext:	
Licence Class:	03			Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					
42	1 of 1	WNW/145.2	65.8 / -2.00	Hydro-Ottawa 341 WHITBY ST<UNOFFICIAL> Ottawa ON K2A 0B3	SPL
Ref No:	5042-5PG6JE			Discharger Report:	
Site No:				Material Group: Oil	
Incident Dt:	7/14/2003			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Cooling System Leak			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	TRANSFORMER OIL (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	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Nature of Impact: Soil Contamination Receiving Medium: Land Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 7/14/2003 Dt Document Closed: Incident Reason: Corrosion - All forms of internal/external corrosion Site Name: 341 WHITBY ST<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Hydro Ottawa- 5 L oil PCB =25 ppm to grd, cld Contaminant Qty: 5 L Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Spills Source Type:					
43	1 of 1	E/145.6	67.9 / 0.03	288 Richmond Road Ottawa ON K1Z 6X5	EHS
Order No: 20190509037 Status: C Report Type: Standard Report Report Date: 14-MAY-19 Date Received: 09-MAY-19 Previous Site Name: Lot/Building Size: Additional Info Ordered: Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.75172 Y: 45.392798					
44	1 of 1	NNW/147.0	65.9 / -1.99	348 Winona Avenue Ottawa ON K1Z 5H4	EHS
Order No: 20190523010 Status: C Report Type: Standard Report Report Date: 29-MAY-19 Date Received: 23-MAY-19 Previous Site Name: Lot/Building Size: 2969 sqft Additional Info Ordered: Nearest Intersection: Municipality: ottawa Client Prov/State: ON Search Radius (km): .25 X: -75.754118 Y: 45.393988					
45	1 of 1	W/147.6	65.8 / -2.08	PRIVATE RESIDENCE HOUSE AT 356 WHITBY AVE FURNACE OIL TANK OTTAWA CITY ON K2A 0B5	SPL
Ref No: 44037 Site No: Incident Dt: // Year: Incident Cause: UNKNOWN Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: POSSIBLE Nature of Impact: Soil contamination Receiving Medium: LAND Receiving Env: MOE Response: 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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
				Dt MOE Arvl on Scn: MOE Reported Dt: 8/1/1996 Dt Document Closed: Incident Reason: UNKNOWN Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: PRIVATE RESIDENCE:UNK QUANTITY OF FURNACE OIL TO GROUND. Contaminant Qty:		
46	1 of 2	NW/154.5	65.2 / -2.69	Enbridge Gas Distribution Inc. 347 Churchill Ave Ottawa ON	SPL	
				Ref No: 5146-AHFN4P Site No: NA Incident Dt: 1/9/2017 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 1/9/2017 Dt Document Closed: 1/11/2017 Incident Reason: Operator/Human Error Site Name: Commercial Building<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSA FSB: 1/2" pl service line, made safe Contaminant Qty: 0 other - see incident description		
46	2 of 2	NW/154.5	65.2 / -2.69	347 CHURCHILL AVE, OTTAWA ON	PINC	
				Incident ID: Incident No: 2004098 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 6588280 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start Date: 2017/02/02 Operation Type: Pipeline Type: Regulator Type: Summary: 347 CHURCHILL AVE, OTTAWA - PIPELINE HIT 1/2"		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Reported By:		EVERETT MILOTTE - ENBRIDGE GAS			
Affiliation:					
Occurrence Desc:					
Damage Reason:		Excavation practices not sufficient			
Notes:					
47	1 of 1	W/160.4	66.9 / -0.90	363 Madison Ave Ottawa ON K2A0B6	EHS
Order No:	20130709019			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	18-JUL-13			Search Radius (km):	.25
Date Received:	09-JUL-13			X:	-75.755576
Previous Site Name:	Unknown			Y:	45.392404
Lot/Building Size:	450 sm				
Additional Info Ordered:					
48	1 of 1	WNW/161.7	65.9 / -1.99	ON	WWIS
Well ID:	7233985			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	12/16/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	1844
Casing Material:				Form Version:	8
Audit No:	C22617			Owner:	
Tag:	A147911			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:	1005262097			Elevation:	63.922714
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	440863
Code OB Desc:				North83:	5026913
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/28/2013			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
49	1 of 2	SW/161.8	68.9 / 1.10	VELO SPORTABLE CYCLE 358 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No:	ON1830701			PO Box No:	
Status:				Country:	
Approval Years:	00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	6541				
SIC Description:	SPORTING GOODS STORE				
<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:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
49	2 of 2	SW/161.8	68.9 / 1.10	1534244 Ontario Inc 358 Richmond Road Ottawa ON	GEN
Generator No:	ON5993376			PO Box No:	
Status:				Country:	
Approval Years:	03,04,06			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:	211				
Waste Class Desc:	AROMATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
50	1 of 15	S/168.9	69.7 / 1.90	424 Churchill Avenue Ottawa ON K1Z 5C8	EHS
Order No:	20030922008			Nearest Intersection:	Danforth Avenue
Status:	C			Municipality:	(formerly RMOC)
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	9/24/03			Search Radius (km):	0.25
Date Received:	9/22/03			X:	0
Previous Site Name:				Y:	0
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans and/or Inspection Reports				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
50	2 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1N 6B5	GEN
Generator No:	ON0550900			PO Box No:	
Status:				Country:	
Approval Years:	86,87,88,89			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9721				
SIC Description:	POWER LAUND./CLEANERS				
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
50	3 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 24-215 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	GEN
Generator No:	ON0550900			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:	9721				
SIC Description:	POWER LAUND./CLEANER				
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
50	4 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	GEN
Generator No:	ON0550900			PO Box No:	
Status:				Country:	
Approval Years:	99,00,01,02,03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9721				
SIC Description:	POWER LAUND./CLEANERS				
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
50	5 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	GEN
Generator No:	ON0550900			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: 812310 SIC Description: Coin-Operated Laundries and Dry Cleaners				Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc: HALOGENATED SOLVENTS		241			
50	6 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	GEN
Generator No: ON0550900 Status: Approval Years: 2010 Contam. Facility: MHSW Facility: SIC Code: 812310 SIC Description: Coin-Operated Laundries and Dry Cleaners				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc: HALOGENATED SOLVENTS		241			
50	7 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	GEN
Generator No: ON0550900 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 812310 SIC Description: Coin-Operated Laundries and Dry Cleaners				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc: HALOGENATED SOLVENTS		241			
50	8 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	GEN
Generator No: ON0550900 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 812310 SIC Description: Coin-Operated Laundries and Dry Cleaners				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc: HALOGENATED SOLVENTS		241			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
50	9 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON	GEN
Generator No:	ON0550900			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	812310				
SIC Description:	COIN-OPERATED LAUNDRIES AND DRY CLEANERS				
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
50	10 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
Generator No:	ON0550900			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Thai Phong Tran
MHSW Facility:	No			Phone No Admin:	728-2105 Ext.
SIC Code:	812310				
SIC Description:	COIN-OPERATED LAUNDRIES AND DRY CLEANERS				
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
50	11 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
Generator No:	ON0550900			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Thai Phong Tran
MHSW Facility:	No			Phone No Admin:	728-2105 Ext.
SIC Code:	812310				
SIC Description:	COIN-OPERATED LAUNDRIES AND DRY CLEANERS				
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
50	12 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
Generator No:	ON0550900			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Thai Phong Tran

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: SIC Description:	No 812310			Phone No Admin: 728-2105 Ext. COIN-OPERATED LAUNDRIES AND DRY CLEANERS	

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

50	13 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0550900 Registered As of Dec 2018			PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	

Detail(s)

Waste Class: 241 H
Waste Class Desc: Halogenated solvents and residues

50	14 of 15	S/168.9	69.7 / 1.90	Laundry Land 424 Churchill Ave N Ottawa ON K1Z5C8	CDRY
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Legal Name of Company:

Contact Info (2016)

Postal Address: 424 Churchill Ave N
Postal City: Ottawa
Postal Province: ON
Postal Postal Code: K1Z5C8
Telephone No:
Fax No:
Email Address:

Waste Quantity by Year

Reporting Year: 2016
Quantity of PERC (kg): 291
Total Waste Water (kg): 0
Total Waste Water (L): 0
Total Residue (kg): 0
Total Residue (L): 0
Total Mix (kg): 0
Total Mix (L): 0
Request for Confidentiality: No
Reason for Confidentiality:

Reporting Year: 2015
Quantity of PERC (kg): 194
Total Waste Water (kg): -
Total Waste Water (L): 86
Total Residue (kg): -
Total Residue (L): 0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Total Mix (kg):	0				
Total Mix (L):	-				
Request for Confidentiality:	No				
Reason for Confidentiality:					
Reporting Year:	2013				
Quantity of PERC (kg):	194				
Total Waste Water (kg):	80				
Total Waste Water (L):	-				
Total Residue (kg):	0				
Total Residue (L):	-				
Total Mix (kg):	0				
Total Mix (L):	-				
Request for Confidentiality:	No				
Reason for Confidentiality:					
Reporting Year:	2012				
Quantity of PERC (kg):	4.86				
Total Waste Water (kg):	-				
Total Waste Water (L):	-				
Total Residue (kg):	-				
Total Residue (L):	-				
Total Mix (kg):	-				
Total Mix (L):	-				
Request for Confidentiality:	No				
Reason for Confidentiality:					
Reporting Year:	2009				
Quantity of PERC (kg):	139				
Total Waste Water (kg):	0				
Total Waste Water (L):	-				
Total Residue (kg):	244				
Total Residue (L):	-				
Total Mix (kg):	0				
Total Mix (L):	-				
Request for Confidentiality:	No				
Reason for Confidentiality:					
Reporting Year:	2008				
Quantity of PERC (kg):	278				
Total Waste Water (kg):	0				
Total Waste Water (L):	-				
Total Residue (kg):	20				
Total Residue (L):	-				
Total Mix (kg):	0				
Total Mix (L):	-				
Request for Confidentiality:	No				
Reason for Confidentiality:					
Reporting Year:	2007				
Quantity of PERC (kg):	556				
Total Waste Water (kg):	0				
Total Waste Water (L):	-				
Total Residue (kg):	129.6				
Total Residue (L):	-				
Total Mix (kg):	0				
Total Mix (L):	-				
Request for Confidentiality:	No				
Reason for Confidentiality:	N/A				
Reporting Year:	2006				
Quantity of PERC (kg):	135				
Total Waste Water (kg):	0				
Total Waste Water (L):	-				
Total Residue (kg):	80				
Total Residue (L):	-				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Total Mix (kg):		0			
Total Mix (L):		-			
Request for Confidentiality:		No			
Reason for Confidentiality:		N/A			
Reporting Year:		2005			
Quantity of PERC (kg):		80			
Total Waste Water (kg):		0			
Total Waste Water (L):		-			
Total Residue (kg):		0			
Total Residue (L):		-			
Total Mix (kg):		85			
Total Mix (L):		-			
Request for Confidentiality:		No			
Reason for Confidentiality:		N/A			

50	15 of 15	S/168.9	69.7 / 1.90	LAUNDRY LAND 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
Generator No:	ON0550900			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:					
<u>Detail(s)</u>					
Waste Class:	241 H				
Waste Class Desc:	Halogenated solvents and residues				

51	1 of 1	ESE/171.1	68.9 / 1.07	Enbridge Gas Distribution Inc. 412 Edgewood Avenue Ottawa ON	SPL
Ref No:	1132-AYMLE7			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2018/05/10			Health/Env Conseq:	2 - Minor Environment Corporation
Year:				Client Type:	Miscellaneous Communal
Incident Cause:				Sector Type:	
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	412 Edgewood Avenue
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:	2018/05/10			Site Map Datum:	
Dt Document Closed:	2018/05/18			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	Pipeline/Components
Site Name:	Residence<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA FSB: 1/2 inch plastic IP service line strike, made safe.				
Contaminant Qty:	0 other - see incident description				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	1 of 1	ENE/173.4	68.0 / 0.18	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:					
<u>Bore Hole Information</u>					
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:					
Source Revision Comment:					
Supplier Comment:					
53	1 of 4	NW/179.5	64.8 / -3.03	Hayles Foot and Ankle Clinic 344 Churchill Avenue north Ottawa ON K1Z 5C1	GEN
Generator No:	ON8909403			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Kay Hayles
MHSW Facility:	No			Phone No Admin:	6137923477 Ext.
SIC Code:	621390				
SIC Description:	OFFICES OF ALL OTHER HEALTH PRACTITIONERS				
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
53	2 of 4	NW/179.5	64.8 / -3.03	Hayles Foot and Ankle Clinic 344 Churchill Avenue north Ottawa ON K1Z 5C1	GEN
Generator No:	ON8909403			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Kay Hayles
MHSW Facility:	No			Phone No Admin:	6137923477 Ext.
SIC Code:	621390				
SIC Description:	OFFICES OF ALL OTHER HEALTH PRACTITIONERS				
Detail(s)					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
53	3 of 4	NW/179.5	64.8 / -3.03	Hayles Foot and Ankle Clinic 344 Churchill Avenue north Ottawa ON K1Z 5C1	GEN
Generator No:	ON8909403			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:	312 P				
Waste Class Desc:	Pathological wastes				
53	4 of 4	NW/179.5	64.8 / -3.03	Hayles Foot and Ankle Clinic 344 Churchill Avenue north Ottawa ON K1Z 5C1	GEN
Generator No:	ON8909403			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:	312 P				
Waste Class Desc:	Pathological wastes				
54	1 of 1	NW/184.7	64.8 / -3.00	337 Churchill Avenue, Ottawa ON	PINC
Incident ID:	2696384			Health Impact:	No
Incident No:	539930			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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Task No:	3244830	Depth:	35
Spills Action Centre:		Pipe Material:	Plastic
Method Details:	E-mail	PSIG:	53
Fuel Category:	Natural Gas	Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:	10/12/2010 0:00	Regulator Location:	Outside
Occurrence Start Date:	2011/05/03		
Operation Type:	Construction Site (pipeline strike)		
Pipeline Type:	Service / Riser Distribution Pipeline		
Regulator Type:	Service Regulator (up to 60 psi intake)		
Summary:	337 Churchill Avenue, Ottawa - 1/2" Pipeline Hit		
Reported By:	Stiles, Jeff - Enbridge		
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)		
Occurrence Desc:	gas line damaged with backhoe		
Damage Reason:	Excavation practices not sufficient		
Notes:	outdated locates - failed to protect gas		

55	1 of 1	ENE/184.7	66.9 / -0.98	ON	WWIS
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Well ID:	7317351	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:	Z286616	Owner:	
Tag:	A215721	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:	1007262292	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441184
Code OB Desc:		North83:	5026926
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:			
Source Revision Comment:			
Supplier Comment:			

56	1 of 1	W/188.7	65.4 / -2.45	PRIVATE RESIDENCE 359 WHITBY AVENUE FURNACE OIL TANK OTTAWA CITY ON K2A 0B3	SPL
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ref No:	173721			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	10/13/1999			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:	20101
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	10/13/1999			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	CORROSION			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	PRIVATE TANK- FUEL OIL SPILL UNDER PAD WHILE CONDUCTING PRESSURE TEST				
Contaminant Qty:					

57	1 of 1	WSW/194.6	67.9 / 0.00	OTTAWA ON	WWIS
Well ID:	7305577			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	2/13/2018
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:	Z277516			Owner:	
Tag:	A190061			Street Name:	388 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:					
Bore Hole Information					
Bore Hole ID:	1006985625			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	440864
Code OB Desc:				North83:	5026730
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	1/16/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 1007145564
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3: 73
Other Materials: HARD
Formation Top Depth: 5.5
Formation End Depth: 11
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1007145563
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3: 73
Other Materials: HARD
Formation Top Depth: 3.5
Formation End Depth: 5.5
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1007145562
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Other Materials: SILT
Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 0
Formation End Depth: 3.5
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 1007145574
Layer: 2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		1			
Plug To:		5.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007145573			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007145575			
Layer:		3			
Plug From:		5.5			
Plug To:		11			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007145561			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007145568			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		6			
Casing Diameter:		1.38			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007145569			
Layer:		1			
Slot:		10			
Screen Top Depth:		6			
Screen End Depth:		11			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.66			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1007145566			
Diameter:		2.375			
Depth From:		4			
Depth To:		11			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007145565			
Diameter:		2.875			
Depth From:		0			
Depth To:		4			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>58</u>	1 of 4	SSW/197.4	69.6 / 1.71	Blyth Academy Ottawa 352 Danforth Ave Ottawa ON	GEN
Generator No:	ON7687172			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
<u>Detail(s)</u>					
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
<u>58</u>	2 of 4	SSW/197.4	69.6 / 1.71	Blyth Academy Ottawa 352 Danforth Ave Ottawa ON K2A 0E2	GEN
Generator No:	ON7687172			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
<u>Detail(s)</u>					
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
<u>58</u>	3 of 4	SSW/197.4	69.6 / 1.71	Blyth Academy Ottawa 352 Danforth Ave	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Ottawa ON K2A 0E2</i>					
Generator No:	ON7687172			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:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
<u>Detail(s)</u>					
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
<u>58</u>	4 of 4	SSW/197.4	69.6 / 1.71	Blyth Academy Ottawa 352 Danforth Ave Ottawa ON K2A 0E2	GEN
Generator No:	ON7687172			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:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
<u>Detail(s)</u>					
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
<u>59</u>	1 of 9	SW/199.5	68.8 / 0.98	Mountain Equipment Co-op 366 Richmond Road Ottawa ON	GEN
Generator No:	ON6336429			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	451110, 811490				
SIC Description:	SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
<u>59</u>	2 of 9	SW/199.5	68.8 / 0.98	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No:	ON6336429			PO Box No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 451110, 811490 SIC Description:				Country: Choice of Contact: Co Admin: Phone No Admin:	
59	3 of 9	SW/199.5	68.8 / 0.98	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No: ON6336429 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 451110, 811490 SIC Description: Sporting Goods Stores, Other Personal and Household Goods Repair and Maintenance				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
59	4 of 9	SW/199.5	68.8 / 0.98	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No: ON6336429 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 451110, 811490 SIC Description: SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE				PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Justin Partridge Phone No Admin: 6137297802 Ext.	
<u>Detail(s)</u>					
Waste Class: 251					
Waste Class Desc: OIL SKIMMINGS & SLUDGES					
Waste Class: 252					
Waste Class Desc: WASTE OILS & LUBRICANTS					
59	5 of 9	SW/199.5	68.8 / 0.98	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No: ON6336429 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 451110, 811490 SIC Description: SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE				PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Justin Partridge Phone No Admin: 6137297802 Ext.	
<u>Detail(s)</u>					
Waste Class: 146					
Waste Class Desc: OTHER SPECIFIED INORGANICS					
Waste Class: 251					
Waste Class Desc: OIL SKIMMINGS & SLUDGES					
Waste Class: 252					
Waste Class Desc: WASTE OILS & LUBRICANTS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
59	6 of 9	SW/199.5	68.8 / 0.98	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No:	ON6336429			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Lukasz Dybinksi
MHSW Facility:	No			Phone No Admin:	613 729 7802 Ext.
SIC Code:	451110, 811490				
SIC Description:	SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE				

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

59	7 of 9	SW/199.5	68.8 / 0.98	Mountain Equipment Co-op Ottawa 366 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No:	ON6336429			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: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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

59	8 of 9	SW/199.5	68.8 / 0.98	Mountain Equipment Co-op Ottawa 366 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No:	ON6336429			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: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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

Waste Class: 146 T

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
59	9 of 9	SW/199.5	68.8 / 0.98	MOUNTAIN EQUIPMENT CO-OPERATIVE 366 RICHMOND RD OTTAWA ON K2A 0E8	PES
Detail Licence No:		Operator Box:			
Licence No:	L-232-3030715030	Operator Class:			
Status:	Active	Operator No:			
Approval Date:	2018-10-16	Operator Type:			
Report Source:	PEST-Limited Vendor	Oper Area Code:			
Licence Type:	Limited Vendor	Oper Phone No:			
Licence Type Code:		Operator Ext:			
Licence Class:		Operator Lot:			
Licence Control:		Oper Concession:			
Latitude:	45.39111111	Operator Region:			
Longitude:	-75.75472222	Operator District:			
Lot:		Operator County:			
Concession:		Op Municipality:			
Region:		Post Office Box:			
District:		MOE District: Ottawa			
County:		SWP Area Name: Rideau Valley			
Trade Name:					
PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2098076				
60	1 of 2	E/200.0	68.9 / 1.05	409 EDGEWOOD AVENUE, OTTAWA ON	PINC
Incident ID:		Health Impact:			
Incident No:	1732174	Environment Impact:			
Type:	FS-Pipeline Incident	Property Damage: Yes			
Status Code:	Pipeline Damage Reason Est	Service Interrupt: Yes			
Fuel Occurrence Tp:		Enforce Policy: Yes			
Fuel Type:		Public Relation:			
Tank Status:	RC Established	Pipeline System:			
Task No:	5891737	Depth:			
Spills Action Centre:		Pipe Material:			
Method Details:	E-mail	PSIG:			
Fuel Category:	Natural Gas	Attribute Category: FS-Perform P-line Inc Invest			
Date of Occurrence:		Regulator Location:			
Occurrence Start Date:	2015/10/06				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:	409 EDGEWOOD AVENUE, OTTAWA - PIPELINE HIT - 1 ¼"				
Reported By:	Peter O'Gorman - ENBRIDGE				
Affiliation:					
Occurrence Desc:					
Damage Reason:	Excavation practices not sufficient				
Notes:					
60	2 of 2	E/200.0	68.9 / 1.05	Enbridge Gas Distribution Inc. 409 Edgewood Avenue Ottawa ON	SPL
Ref No:	6661-A32JXW	Discharger Report:			
Site No:	NA	Material Group:			
Incident Dt:	10/6/2015	Health/Env Conseq:			
Year:		Client Type:			
Incident Cause:		Sector Type: Unknown / N/A			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Event:					
Contaminant Code:	35			Agency Involved:	
Contaminant Name:	NATURAL GAS (METHANE)			Nearest Watercourse:	
Contaminant Limit 1:				Site Address:	409 Edgewood Avenue
Contam Limit Freq 1:				Site District Office:	
Contaminant UN No 1:				Site Postal Code:	
Environment Impact:				Site Region:	
Nature of Impact:				Site Municipality:	Ottawa
Receiving Medium:				Site Lot:	
Receiving Env:				Site Conc:	
MOE Response:	No			Northing:	
Dt MOE Arvl on Scn:				Easting:	
MOE Reported Dt:	10/6/2015			Site Geo Ref Accu:	
Dt Document Closed:	11/27/2015			Site Map Datum:	
				SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	
Site Name:	Residential Line Strike<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA FSB: 1 1/4" pl intermediate main dmgd; made safe				
Contaminant Qty:	0 other - see incident description				

61	1 of 2	WSW/202.0	66.8 / -1.08	AL PARSONS (OUT OF BUSINESS) 376 MADISON AVE. OTTAWA ON K2A 0B7	GEN
Generator No:	ON1029900			PO Box No:	
Status:				Country:	
Approval Years:	88,89,90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	5412				
SIC Description:	ELECTRONIC HH. APP.				
Detail(s)					
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				

61	2 of 2	WSW/202.0	66.8 / -1.08	AL PARSONS (OUT OF BUSINESS) 02-233 376 MADISON AVE. OTTAWA ON K2A 0B7	GEN
Generator No:	ON1029900			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:	5412				
SIC Description:	ELECTRONIC HH. APP.				

62	1 of 2	ENE/203.6	67.9 / 0.01	267 Richmond Rd OTTAWA ON	HINC
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				

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

62	2 of 2	ENE/203.6	67.9 / 0.01	850676 ontario Limited 267 Richmond Rd. Ottawa ON K1Z 6X3	GEN
Generator No:		ON6611485		PO Box No:	
Status:				Country: Canada	
Approval Years:		2016		Choice of Contact: CO_ADMIN	
Contam. Facility:		No		Co Admin: Floyd W Cunning	
MHSW Facility:		No		Phone No Admin: 613-724-6116 Ext.	
SIC Code:		238160, 238170			
SIC Description:		ROOFING CONTRACTORS, SIDING CONTRACTORS			

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

63	1 of 1	NE/206.0	67.1 / -0.77	ON	WWIS
Well ID:		1532963		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Domestic		Date Received: 7/29/2002	
Sec. Water Use:				Selected Flag: Yes	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 1119	
Casing Material:				Form Version: 1	
Audit No:		237915		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: 10529710
DP2BR: 4
Spatial Status:
Code OB: r
Elevation: 64.358665
Elevrc:
Zone: 18
East83: 441163.3

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:	Bedrock			North83:	5026996
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	6/21/2002			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	gis
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

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
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: 11078280
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<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			
64	1 of 1	E/207.3	68.0 / 0.19	8596239 Canada Inc.<UNOFFICIAL> 400 Athlone Ave Ottawa ON	SPL
Ref No:	7053-9DKMY8			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	2013/11/14			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Vandalism			Sector Type:	Motor Vehicle
Incident Event:				Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	HYDRAULIC OIL			Site Address:	400 Athlone Ave
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Possible			Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2013/11/18			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:	Deliberate Act			Source Type:	
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				
65	1 of 1	ENE/211.1	67.9 / 0.02	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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name:				Y:	45.393267
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; City Directory			
66	1 of 1	ESE/211.6	69.6 / 1.74	OTTAWA CITY EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON	CA
Certificate #:		3-0446-93-			
Application Year:		93			
Issue Date:		5/12/1993			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
67	1 of 4	NW/214.5	63.8 / -4.00	LES FRERES PROULX BROS. INC. 334 CHURCHHILL AVENUE NORTH OTTAWA ON K1Z 5B9	GEN
Generator No:		ON1061100	PO Box No:		
Status:			Country:		
Approval Years:		88,89,90	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		2819			
SIC Description:		OTHER COMM. PRINTING			
Detail(s)					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
67	2 of 4	NW/214.5	63.8 / -4.00	LES FRERES (OUT OF BUS) 24-556 334 CHURCHHILL AVENUE NORTH OTTAWA ON K1Z 5B9	GEN
Generator No:		ON1061100	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:		2819			
SIC Description:		OTHER COMM. PRINTING			
Detail(s)					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
67	3 of 4	NW/214.5	63.8 / -4.00	gordongroup 334 Churchill Ave N Ottawa ON K1Z 5B9	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Established:		01-AUG-87			
Plant Size (ft²):		4500			
Employment:					
--Details--					
Description:		Document Preparation Services			
SIC/NAICS Code:		561410			
Description:		Book Publishers			
SIC/NAICS Code:		511130			
Description:		Language Schools			
SIC/NAICS Code:		611630			
Description:		Periodical Publishers			
SIC/NAICS Code:		511120			
Description:		Periodical Publishers			
SIC/NAICS Code:		511120			
Description:		Graphic Design Services			
SIC/NAICS Code:		541430			
Description:		Office Administrative Services			
SIC/NAICS Code:		561110			
Description:		Other Management Consulting Services			
SIC/NAICS Code:		541619			
Description:		Administrative Management and General Management Consulting Services			
SIC/NAICS Code:		541611			
67	4 of 4	NW/214.5	63.8 / -4.00	334 Churchill Avenue North Ottawa ON K1Z 5B9	EHS
Order No:		20111013004		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Client Prov/State:	ON
Report Date:		10/19/2011		Search Radius (km):	0.25
Date Received:		10/13/2011 9:10:32 AM		X:	-75.75519
Previous Site Name:				Y:	45.394223
Lot/Building Size:					
Additional Info Ordered:					
68	1 of 2	SW/216.5	68.0 / 0.14	JOSEPH C. GAFFNEY 372 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No:		ON1338700		PO Box No:	
Status:				Country:	
Approval Years:		90		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		6331			
SIC Description:		GASOLINE SERV. ST.			
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
68	2 of 2	SW/216.5	68.0 / 0.14	JOSEPH C. GAFFNEY 22-433 372 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No:	ON1338700			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:	6331				
SIC Description:	GASOLINE SERV. ST.				
<u>Detail(s)</u>					
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
69	1 of 2	NW/219.6	64.3 / -3.58	329 Churchill Avenue North Ottawa ON K1Z 5B8	EHS
Order No:	20050324025			Nearest Intersection:	Churchill Avenue North and Scott Street
Status:	C			Municipality:	Ottawa
Report Type:				Client Prov/State:	ON
Report Date:	4/4/2005			Search Radius (km):	0.25
Date Received:	3/24/2005			X:	-75.755048
Previous Site Name:				Y:	45.394613
Lot/Building Size:	68 Feet Frontage and 96 feet depth, irregular				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
69	2 of 2	NW/219.6	64.3 / -3.58	ARCADIS CANADA INC. 329 Churchill Ave. North, Suite 200 Ottawa ON K1Z 5B8	GEN
Generator No:	ON6092464			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	112 C				
Waste Class Desc:	Acid solutions - containing heavy metals				
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 I				
Waste Class Desc:	Misc. wastes and inorganic chemicals				
Waste Class:	148 L				
Waste Class Desc:	Misc. wastes and inorganic chemicals				
Waste Class:	212 L				
Waste Class Desc:	Aliphatic solvents and residues				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		263 B			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		331 R			
Waste Class Desc:		Waste compressed gases including cylinders			
70	1 of 1	NW/219.6	64.3 / -3.58	329 Churchill Avenue North Ottawa ON K1Z 5B9	EHS
Order No:	20181017069			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	22-OCT-18			Search Radius (km):	.25
Date Received:	17-OCT-18			X:	-75.754864
Previous Site Name:				Y:	45.394477
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
71	1 of 1	SW/223.0	67.8 / 0.00	380 Richmond Rd Ottawa ON K2A 0E8	EHS
Order No:	20121221002			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	27-DEC-12			Search Radius (km):	.25
Date Received:	21-DEC-12			X:	-75.755508
Previous Site Name:				Y:	45.391245
Lot/Building Size:					
Additional Info Ordered:					
72	1 of 1	S/227.2	70.7 / 2.85	Ottawa ON	WWIS
Well ID:	7218229			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	3/21/2014
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:	Z172516			Owner:	
Tag:				Street Name:	345 RAVENHURST AVE. WELL #4
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	1004724844			Elevation:	76.743453
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441043
Code OB Desc:				North83:	5026629
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	7/25/2013			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1005101933				
Layer:	1				
Plug From:	137.15				
Plug To:	1.82				
Plug Depth UOM:	m				
<u>Pipe Information</u>					
Pipe ID:	1005101926				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1005101930				
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:	1005101931				
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:	1005101928				
Diameter:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From: Depth To: Hole Depth UOM: m Hole Diameter UOM: cm					
73	1 of 1	WNW/228.6	63.9 / -3.94	349 WILMONT AVE, OTTAWA ON	PINC
Incident ID: Incident No: 1471378 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 5164557 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start Date: 2014/09/03 Operation Type: Pipeline Type: Regulator Type: Summary: 349 WILMONT AVE, OTTAWA - PIPELINE HIT - 1/2" Reported By: Jeff Stiles - 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:					
74	1 of 1	SW/231.3	67.8 / 0.00	OTTAWA ON	WWIS
Well ID: 7198182 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z163364 Tag: A141813 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: 3/7/2013 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 380 RICHMOND ROAD 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: 1004260983 DP2BR: Spatial Status: Code OB:					
Elevation: 67.462875 Elevrc: Zone: 18 East83: 440878					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:				North83:	5026667
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	1/25/2013			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1004820110
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 1.22
Formation End Depth: 10.67
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1004820109
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 0.61
Formation End Depth: 1.22
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1004820108
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Other Materials: SAND
Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 0.31
Formation End Depth: 0.61
Formation End Depth UOM: m

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Overburden and Bedrock Materials Interval</u>					
<i>Formation ID:</i>		1004820107			
<i>Layer:</i>		1			
<i>Color:</i>		7			
<i>General Color:</i>		RED			
<i>Mat1:</i>					
<i>Most Common Material:</i>					
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		0.31			
<i>Formation End Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1004820120			
<i>Layer:</i>		2			
<i>Plug From:</i>		0.31			
<i>Plug To:</i>		7.01			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1004820119			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		0.31			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1004820121			
<i>Layer:</i>		3			
<i>Plug From:</i>		7.01			
<i>Plug To:</i>		10.67			
<i>Plug Depth UOM:</i>		m			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		5			
<i>Method Construction:</i>		Air Percussion			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1004820106			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		1004820114			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.62			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

Construction Record - Screen

Screen ID:	1004820115
Layer:	1
Slot:	10
Screen Top Depth:	7.62
Screen End Depth:	10.67
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Hole Diameter

Hole ID:	1004820111
Diameter:	11.43
Depth From:	0
Depth To:	1.52
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1004820112
Diameter:	7.62
Depth From:	1.52
Depth To:	10.67
Hole Depth UOM:	m
Hole Diameter UOM:	cm

[75](#)

1 of 1

NW/232.2

63.7 / -4.13

OTTAWA ON

WWIS

Well ID:	7302176
Construction Date:	
Primary Water Use:	Test Hole
Sec. Water Use:	Monitoring
Final Well Status:	Observation Wells
Water Type:	
Casing Material:	
Audit No:	Z268042
Tag:	A182564
Construction Method:	
Elevation (m):	
Elevation Reliability:	
Depth to Bedrock:	
Well Depth:	
Overburden/Bedrock:	
Pump Rate:	
Static Water Level:	
Flowing (Y/N):	

Data Entry Status:	
Data Src:	
Date Received:	12/22/2017
Selected Flag:	Yes
Abandonment Rec:	
Contractor:	7241
Form Version:	7
Owner:	
Street Name:	2090 SCOTT ST
County:	OTTAWA-CARLETON
Municipality:	OTTAWA CITY
Site Info:	
Lot:	
Concession:	
Concession Name:	
Easting NAD83:	
Northing NAD83:	
Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flow Rate: Clear/Cloudy:				UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	1006923528			Elevation:	64.82402
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	440904
Code OB Desc:				North83:	5027059
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11/1/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007099603				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	01				
Most Common Material:	FILL				
Mat2:	28				
Other Materials:	SAND				
Mat3:	66				
Other Materials:	DENSE				
Formation Top Depth:	0.31				
Formation End Depth:	1.22				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007099604				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:	17				
Other Materials:	SHALE				
Mat3:	74				
Other Materials:	LAYERED				
Formation Top Depth:	1.22				
Formation End Depth:	16.15				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007099602				
Layer:	1				
Color:	8				
General Color:	BLACK				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		0			
Formation End Depth:		0.31			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007099615			
Layer:		3			
Plug From:		14.33			
Plug To:		16.15			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007099613			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007099614			
Layer:		2			
Plug From:		0.31			
Plug To:		14.33			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007099616			
Layer:		4			
Plug From:					
Plug To:					
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:		1007099601			
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:	1007099608				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	14.63				
Casing Diameter:	4.03				
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	1007099609				
Layer:	1				
Slot:	40				
Screen Top Depth:	14.63				
Screen End Depth:	16.15				
Screen Material:	5				
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:	4.82				
<u>Hole Diameter</u>					
Hole ID:	1007099606				
Diameter:	8.89				
Depth From:	1.52				
Depth To:	16.15				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
<u>Hole Diameter</u>					
Hole ID:	1007099605				
Diameter:	11.43				
Depth From:	0				
Depth To:	1.52				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				

76 1 of 1 NW/232.6 64.3 / -3.58 ON WWIS

Well ID:	7201528	Data Entry Status:	Yes
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	5/14/2013
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:		Abandonment Rec:	
Water Type:		Contractor:	1844
Casing Material:		Form Version:	8
Audit No:	C21260	Owner:	
Tag:	A140444	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:	

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:	1004297983			Elevation:	64.76551
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	440905
Code OB Desc:				North83:	5027060
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	4/4/2013			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

77	1 of 1	NNW/234.2	64.3 / -3.58	OTTAWA ON	WWIS
Well ID:	7302175			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/22/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z268041			Owner:	
Tag:	A182565			Street Name:	2090 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:	1006923452			Elevation:	63.936183
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	440920
Code OB Desc:				North83:	5027069
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11/1/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Overburden and Bedrock
Materials Interval

Formation ID: 1007099541
 Layer: 1
 Color: 2
 General Color: GREY
 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

Overburden and Bedrock
Materials Interval

Formation ID: 1007099543
 Layer: 3
 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: 9.14
 Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1007099542
 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

Annular Space/Abandonment
Sealing Record

Plug ID: 1007099555
 Layer: 2
 Plug From: 0.31
 Plug To: 5.79
 Plug Depth UOM: m

Annular Space/Abandonment

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Sealing Record</u>					
Plug ID:		1007099556			
Layer:		3			
Plug From:		5.79			
Plug To:		9.14			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007099557			
Layer:		4			
Plug From:					
Plug To:					
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007099554			
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:		1007099540			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007099547			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		6.1			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1007099548			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007099550			
Layer:		2			
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Construction Record - Screen</u>					
Screen ID:		1007099549			
Layer:		1			
Slot:		40			
Screen Top Depth:		6.1			
Screen End Depth:		9.14			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Hole Diameter</u>					
Hole ID:		1007099545			
Diameter:		8.89			
Depth From:		2.44			
Depth To:		9.14			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007099544			
Diameter:		11.43			
Depth From:		0			
Depth To:		2.44			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

78

1 of 1

ENE/236.8

66.8 / -1.08

Ottawa ON

WWIS

Well ID: 7136557
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z106621
Tag: A085405
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src:
Date Received: 12/21/2009
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: TWEEDSMUIR NORTH OF RICHMOND RD.
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<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>					
<u>Bore Hole Information</u>					
<i>Bore Hole ID:</i>	1002903274			<i>Elevation:</i>	65.916038
<i>DP2BR:</i>				<i>Elevrc:</i>	
<i>Spatial Status:</i>				<i>Zone:</i>	18
<i>Code OB:</i>				<i>East83:</i>	441229
<i>Code OB Desc:</i>				<i>North83:</i>	5026953
<i>Open Hole:</i>				<i>Org CS:</i>	UTM83
<i>Cluster Kind:</i>				<i>UTMRC:</i>	4
<i>Date Completed:</i>	11/5/2009			<i>UTMRC Desc:</i>	margin of error : 30 m - 100 m
<i>Remarks:</i>				<i>Location Method:</i>	wwr
<i>Elevrc Desc:</i>					
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>	1003093741				
<i>Layer:</i>	2				
<i>Plug From:</i>	0.5				
<i>Plug To:</i>	12				
<i>Plug Depth UOM:</i>	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>	1003093740				
<i>Layer:</i>	1				
<i>Plug From:</i>	0				
<i>Plug To:</i>	0.5				
<i>Plug Depth UOM:</i>	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>	1003093742				
<i>Layer:</i>	3				
<i>Plug From:</i>	12				
<i>Plug To:</i>	23				
<i>Plug Depth UOM:</i>	ft				
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>	5				
<i>Method Construction:</i>	Air Percussion				
<i>Other Method Construction:</i>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<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			
<hr/>					
<u>79</u>	1 of 1	SSW/240.5	70.0 / 2.15	Byron Ottawa ON	EHS
Order No:	20170727112			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	03-AUG-17			Search Radius (km):	.25
Date Received:	27-JUL-17			X:	-75.754379
Previous Site Name:				Y:	45.390631
Lot/Building Size:					
Additional Info Ordered:					
<hr/>					
<u>80</u>	1 of 3	SW/240.9	68.8 / 1.00	FREDERICK GRODDE LTD. 379 DANFORTH AVENUE OTTAWA ON K2A 0E1	GEN
Generator No:	ON1788600			PO Box No:	
Status:				Country:	
Approval Years:	93,94,95,96,97,98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code: SIC Description:	9999				
		OTHER SERVICES			
Detail(s)					
Waste Class: Waste Class Desc:		211 AROMATIC SOLVENTS			
Waste Class: Waste Class Desc:		213 PETROLEUM DISTILLATES			
80	2 of 3	SW/240.9	68.8 / 1.00	FREDERICK GRODDE LTD. 379 DANFORTH AVENUE OTTAWA ON K2A 0E1	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1788600 02,03 			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
80	3 of 3	SW/240.9	68.8 / 1.00	FREDERICK GRODDE LTD. 379 DANFORTH AVENUE OTTAWA ON K2A 0E1	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1788600 04 			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
81	1 of 3	ENE/241.4	66.8 / -1.08	LAMBLE PHOTO-LAB SERVICES 24-946 371 ATHLONE AVE. OTTAWA ON K1Z 5M3	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1597100 92,93,94,95,96,97,98 6571 CAMERA/PHOTO. SUPPLY			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class Desc:		264 PHOTOPROCESSING WASTES			
81	2 of 3	ENE/241.4	66.8 / -1.08	Rose Drapery Ltd. 371 Athlone Ave Ottawa ON K1Z 5M3	SCT
Established: Plant Size (ft²): Employment:	1978 6				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Description:		Curtain and Linen Mills			
SIC/NAICS Code:		314120			
81	3 of 3	ENE/241.4	66.8 / -1.08	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			
82	1 of 1	WSW/242.4	66.8 / -1.01	Entomological Society of Cda 393 Winston Ave Ottawa ON K2A 1Y8	SCT
Established:		01-DEC-68			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Professional Organizations			
SIC/NAICS Code:		813920			
83	1 of 1	E/243.5	69.2 / 1.30	422 ATHLONE AVE, OTTAWA ON	PINC
Incident ID:					
Incident No:		1609794			
Type:		FS-Pipeline Incident			
Status Code:		Pipeline Damage Reason Est			
Fuel Occurrence Tp:					
Fuel Type:					
Tank Status:		RC Established			
Task No:		5430081			
Spills Action Centre:					
Method Details:		E-mail			
Fuel Category:		Natural Gas			
Date of Occurrence:					
Occurrence Start Date:		2105/04/02			
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:		422 ATHLONE AVE, OTTAWA - PIPELINE HIT 1 1/4"			
Reported By:		Jeff Stiles - Enbridge Gas			
Affiliation:					
Occurrence Desc:					
Damage Reason:		Excavation practices not sufficient			
Notes:					
84	1 of 1	ENE/243.9	66.8 / -1.08	Enbridge Gas Distribution Inc. 263 Richmond Rd	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON					
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				
85	1 of 2	ENE/244.0	66.8 / -1.08	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:					
Incident Summary:	ULTRAMAR: 45 L FUEL TO BASEMENT; FUMES AFFECTED NEIGHBOURS				
Contaminant Qty:					
85	2 of 2	ENE/244.0	66.8 / -1.08	Rose Drapery Ltd. 261 Richmond Rd	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON K1Z 6X1					
Established:		1978			
Plant Size (ft²):					
Employment:		6			
--Details--					
Description:		Curtain and Linen Mills			
SIC/NAICS Code:		314120			

<u>86</u>	1 of 1	NW/244.5	63.7 / -4.13	OTTAWA ON	WWIS
Well ID:	7302177			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/22/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z268039			Owner:	
Tag:	A182522			Street Name:	2090 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:	1006923531			Elevation:	64.839454
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	440893
Code OB Desc:				North83:	5027067
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11/2/2017			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:	1007099663				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Other Materials:					
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0.31			
Formation End Depth:		1.22			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007099662			
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:		1007099664			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		17			
Other Materials:		SHALE			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		1.22			
Formation End Depth:		9.14			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007099674			
Layer:		2			
Plug From:		0.31			
Plug To:		5.79			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007099675			
Layer:		3			
Plug From:		5.79			
Plug To:		9.14			
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:		1007099673			
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:		1007099661			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007099668			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		6.1			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007099669			
Layer:		1			
Slot:		40			
Screen Top Depth:		6.1			
Screen End Depth:		9.14			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Hole Diameter</u>					
Hole ID:		1007099665			
Diameter:		11.43			
Depth From:		0			
Depth To:		1.52			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007099666			
Diameter:		8.89			
Depth From:		1.52			
Depth To:		9.14			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
87	1 of 1	NNW/244.6	64.1 / -3.71	2070 Scott Street Ottawa ON K1Z 6S9	SPL
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:				Nothing:	
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:					
88	1 of 1	NW/245.1	63.7 / -4.13	OTTAWA ON	WWIS
Well ID:	7302178			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/22/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z268040			Owner:	
Tag:	A182521			Street Name:	2090 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:	1006923546			Elevation:	64.288558
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	440903

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:				North83:	5027073
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11/1/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1007099722
Layer: 1
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3: 66
Other Materials: DENSE
Formation Top Depth: 0
Formation End Depth: 0.31
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1007099723
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 0.31
Formation End Depth: 3.1
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1007099724
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 17
Other Materials: SHALE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 3.1
Formation End Depth: 9.14
Formation End Depth UOM: m

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1007099735			
<i>Layer:</i>		3			
<i>Plug From:</i>		5.79			
<i>Plug To:</i>		9.14			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1007099733			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		0.31			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1007099734			
<i>Layer:</i>		2			
<i>Plug From:</i>		0.31			
<i>Plug To:</i>		5.79			
<i>Plug Depth UOM:</i>		m			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		5			
<i>Method Construction:</i>		Air Percussion			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1007099721			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1007099728			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0			
<i>Depth To:</i>		6.1			
<i>Casing Diameter:</i>		4.03			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1007099729			
<i>Layer:</i>		1			
<i>Slot:</i>		40			
<i>Screen Top Depth:</i>		6.1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen End Depth:		9.14			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Hole Diameter</u>					
Hole ID:		1007099726			
Diameter:		8.89			
Depth From:		3.35			
Depth To:		9.14			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007099725			
Diameter:		11.43			
Depth From:		0			
Depth To:		3.35			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

89	1 of 1	NE/247.0	66.0 / -1.87	OTTAWA ON	WWIS
Well ID:		7245885		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Monitoring		Date Received: 8/5/2015	
Sec. Water Use:				Selected Flag: Yes	
Final Well Status:		Abandoned-Other		Abandonment Rec: Yes	
Water Type:				Contractor: 6894	
Casing Material:				Form Version: 7	
Audit No:		Z180818		Owner:	
Tag:		A147999		Street Name: SCOTT ST. / TWEEDSMUIR 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:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1005537704		Elevation: 63.4039	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 18	
Code OB:				East83: 441167	
Code OB Desc:				North83: 5027048	
Open Hole:				Org CS: UTM83	
Cluster Kind:				UTMRC: 4	
Date Completed:		7/23/2015		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005643009			
Layer:		1			
Plug From:		0			
Plug To:		17			
Plug Depth UOM:		ft			
<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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<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			
Diameter:		1.25			
Depth From:		0			
Depth To:		17			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>90</u>	1 of 10	S/249.4	70.7 / 2.85	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No:	ON6810332			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
<u>Detail(s)</u>					
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
<u>90</u>	2 of 10	S/249.4	70.7 / 2.85	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No:	ON6810332			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
<u>Detail(s)</u>					
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
<u>90</u>	3 of 10	S/249.4	70.7 / 2.85	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No:	ON6810332			PO Box No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 611110 SIC Description: Elementary and Secondary Schools				Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: 145 Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES					
Waste Class: 146 Waste Class Desc: OTHER SPECIFIED INORGANICS					
90	4 of 10	S/249.4	70.7 / 2.85	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No: ON6810332 Status: Approval Years: 2012 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:	
<u>Detail(s)</u>					
Waste Class: 145 Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES					
Waste Class: 146 Waste Class Desc: OTHER SPECIFIED INORGANICS					
90	5 of 10	S/249.4	70.7 / 2.85	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON	GEN
Generator No: ON6810332 Status: Approval Years: 2013 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:	
<u>Detail(s)</u>					
Waste Class: 146 Waste Class Desc: OTHER SPECIFIED INORGANICS					
Waste Class: 145 Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES					
90	6 of 10	S/249.4	70.7 / 2.85	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No: ON6810332 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 611110			Choice of Contact: Co Admin: Phone No Admin:	CO_OFFICIAL Greg Benson 613-596-8211 Ext.8549
ELEMENTARY AND SECONDARY SCHOOLS					
Detail(s)					
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
Waste Class: Waste Class Desc:	146 OTHER SPECIFIED INORGANICS				
90	7 of 10	S/249.4	70.7 / 2.85	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON6810332 2015 No No 611110			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL Greg Benson 613-596-8211 Ext.8549
ELEMENTARY AND SECONDARY SCHOOLS					
Detail(s)					
Waste Class: Waste Class Desc:	146 OTHER SPECIFIED INORGANICS				
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
90	8 of 10	S/249.4	70.7 / 2.85	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON6810332 2014 No No 611110			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL Greg Benson 613-596-8211 Ext.8549
ELEMENTARY AND SECONDARY SCHOOLS					
Detail(s)					
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
Waste Class: Waste Class Desc:	146 OTHER SPECIFIED INORGANICS				
90	9 of 10	S/249.4	70.7 / 2.85	Ottawa-Carleton District School Board Health & Safety 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No: Status:	ON6810332 Registered			PO Box No: Country:	Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: As of Dec 2018 Contam. Facility: MHSW Facility: SIC Code: SIC Description:				Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class:		145 I			
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			
90	10 of 10	S/249.4	70.7 / 2.85	Ottawa-Carleton District School Board Health & Safety 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No: ON6810332 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:		145 I			
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			
91	1 of 1	NE/249.5	66.0 / -1.86	342 Athlone Avenue Ottawa ON K1Z 5M4	SPL
Ref No: 5207-5Q6MTP Site No: Incident Dt: 8/6/2003 Year: Incident Cause: Valve / Fitting Leak Or Failure Incident Event: Contaminant Code: 13 Contaminant Name: FURNACE OIL 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: 8/6/2003 Dt Document Closed: 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 grnd				Discharger Report: Material Group: Oil Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Ottawa Site Postal Code: Site Region: Eastern Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Spill to Land Source Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Qty:		2 L			
92	1 of 20	E/249.6	67.8 / -0.06	SUNOCO 256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	SPL
Ref No:	77610			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	10/16/1992			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:	20101
Nature of Impact:				Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	MCCR
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	10/16/1992			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	ERROR			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	SUNOCO: 5 L GASOLINE SPILLED AT SERVICE STATION				
Contaminant Qty:					
92	2 of 20	E/249.6	67.8 / -0.06	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				
92	3 of 20	E/249.6	67.8 / -0.06	C CORP (ONTARIO) INC. 256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	CA
Certificate #:	3-1388-97-				
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
92	4 of 20	E/249.6	67.8 / -0.06	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:					
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			
92	5 of 20	E/249.6	67.8 / -0.06	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			
92	6 of 20	E/249.6	67.8 / -0.06	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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:					
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:		1997			
Corrosion Protection:					
Capacity:		50000			
Tank Fuel Type:		Liquid Fuel Double Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1997			
Corrosion Protection:					
Capacity:		25000			
Tank Fuel Type:		Liquid Fuel Double Wall UST - Gasoline			
92	7 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
Instance No:		11106196			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:		EXPIRED			
Status:					
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		5/21/2009			
92	8 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
Instance No:		11106161			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 5/21/2009					
92	9 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
Instance No: 11106144 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 5/21/2009					
92	10 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
Instance No: 11106181 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 5/21/2009					
92	11 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	EXP
Instance No: 63309344 Instance ID: 347030 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
92	12 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	EXP
Instance No: 11106213 Instance ID: 69351 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Maximum Hazard Rank: Facility Type: Expired Date:					
92	13 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT 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			
92	14 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT 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:		11515358 FS Liquid Fuel Tank Gasoline Active 50000 Steel Sacrificial anode Double Wall UST 1997 FS Gasoline Station - Self Serve FS Liquid Fuel Tank			
92	15 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT 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 FS Gasoline Station - Self Serve EXPIRED FS Liquid Fuel Tank 5/21/2009			
92	16 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	EXP
Instance No: Instance ID: Instance Type:		11106161 FS Liquid Fuel Tank			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		FS Gasoline Station - Self Serve EXPIRED FS Liquid Fuel Tank 5/21/2009			
92	17 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT 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 FS Gasoline Station - Self Serve EXPIRED FS Liquid Fuel Tank 5/21/2009			
92	18 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT 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 FS Gasoline Station - Self Serve EXPIRED FS Liquid Fuel Tank 5/21/2009			
92	19 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT 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:		64732585 FS Liquid Fuel Tank Gasoline Active 75000 Fiberglass (FRP) Fiberglass Double Wall UST 2016 FS Gasoline Station - Self Serve FS Liquid Fuel Tank			
92	20 of 20	E/249.6	67.8 / -0.06	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FST
Instance No: Cont Name: Instance Type:		64732587 FS Liquid Fuel Tank			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Fuel Type: Status: Capacity: Tank Material: Corrosion Protection: Tank Type: Install Year: Parent Facility Type: Facility Type:		Diesel Active 65000 Fiberglass (FRP) Fiberglass Double Wall UST 2016 FS Gasoline Station - Self Serve FS Liquid Fuel Tank			
93	1 of 1	NNW/249.7	63.8 / -4.06	EJspa Corporation 2090 Scott Street ottawa ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON9805682 2013 236210 INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class Desc:		252 WASTE OILS & LUBRICANTS			
94	1 of 2	E/249.8	69.9 / 2.04	424 Athlone St 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:		6566-9UVP49 NA 3/23/2015 Leak/Break 35 METHANE GAS, COMPRESSED (NATURAL GAS)		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:	424 Athlone St Ottawa
MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason:		N 3/23/2015 Material Failure - Poor Design/Substandard Material		Air Spills - Gases and Vapours	
Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:		line strike<UNOFFICIAL> TSSA: line strike 424 Athlone St, made safe 1 other - see incident description			
94	2 of 2	E/249.8	69.9 / 2.04	424 ATHLONE AVENUE, OTTAWA ON	PINC

<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>
Incident ID:				Health Impact:	
Incident No:	1602350			Environment Impact:	
Type:	FS-Pipeline Incident			Property Damage:	Yes
Status Code:	Pipeline Damage Reason Est			Service Interrupt:	
Fuel Occurrence Tp:				Enforce Policy:	Yes
Fuel Type:				Public Relation:	
Tank Status:	RC Established			Pipeline System:	
Task No:	5415185			Depth:	
Spills Action Centre:				Pipe Material:	
Method Details:	E-mail			PSIG:	
Fuel Category:	Natural Gas			Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:				Regulator Location:	
Occurrence Start Date:	2015/03/24				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:	424 ATHLONE AVENUE, OTTAWA - PIPELINE HIT - 1 ¼"				
Reported By:	Tracy Penney - ENBRIDGE				
Affiliation:					
Occurrence Desc:					
Damage Reason:	Excavation practices not sufficient				
Notes:					

Unplottable Summary

Total: 25 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	COMPUTING DEVICES COMPANY	RICHMOND RD.	NEPEAN CITY ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	OTTAWA CITY	CHURCHILL AVE.	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	Larco Land Corporation	Part of Lot 32, Concession 1, Ottawa Front	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA		Richmond Road	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	Bourke Family Development Inc.	Byron Ave Registered Plan No. 204	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	City of Ottawa	Madison Avenue Madison Avenue (Churchill Avenue to Winston Avenue)	Ottawa ON	
CA	CITY	BYRON AVE.	OTTAWA ON	
CA	OTTAWA CITY	BYRON AVENUE	OTTAWA CITY ON	
CA	COMPUTING DEVICES COMPANY	RICHMOND RD.	NEPEAN CITY ON	
CONV	CANADIAN WASTE SERVICES INC.		ON	
CONV	CANADIAN WASTE SERVICES INC.		ON	
CONV	CANADIAN WASTE SERVICES INC.		ON	

CONV	CANADIAN WASTE SERVICES INC.		ON	
CONV	CANADIAN WASTE SERVICES INC.		ON	
ECA	Ultramar Ltd.	Part 1, Reference Plan 4R-23561	Ottawa ON	H3A 3L3
ECA	City of Ottawa	Madison Avenue Madison Avenue (Churchill Avenue to Winston Avenue)	Ottawa ON	K2G 6J8
GEN	Ottawa Greenbelt Construction Company Limited	Churchill Ave Reconstruction - Carling to Byron	Ottawa ON	
RST	ULTRAMAR LTÉE	OTTAWA	OTTAWA ON	
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON	

Unplottable Report

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: 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
CHURCHILL AVE. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1441-92-
Application Year: 92
Issue Date: 10/29/1992
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
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
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: Larco Land Corporation
Part of Lot 32, Concession 1, Ottawa Front Ottawa ON

Database:
CA

Certificate #: 6996-5F5HDF
Application Year: 2002
Issue Date: 10/22/2002
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 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: 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: 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: Bourke Family Development Inc.
Byron Ave Reginstered Plan No. 204 Ottawa ON

Database:
CA

Certificate #: 3911-7BKMY9
Application Year: 2008
Issue Date: 2/7/2008
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
Madison Avenue Madison Avenue (Churchill Avenue to Winston Avenue) Ottawa ON

Database:
CA

Certificate #: 5586-8LWQCS
Application Year: 2011
Issue Date: 9/23/2011
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
BYRON AVE. OTTAWA ON

Database:
CA

Certificate #: 3-0302-85-006
Application Year: 85
Issue Date: 4/22/85
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
BYRON AVENUE OTTAWA CITY ON

Database:
CA

Certificate #: 3-1320-88-
Application Year: 88
Issue Date: 8/5/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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: CANADIAN WASTE SERVICES INC.
ON

Database:
CONV

File No:
Crown Brief No: 99-0165-0243
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: OPERATE A HEAVY DIESEL-FUELLED MOTOR VEHICLE THAT CONTRAVENES THE EMISSION STANDARDS.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: KINGSTON

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 361/98
Section: 12(5)
Act/Regulation/Section: EPA-361/98-12(5)
Date of Offence:
Date of Conviction:
Date Charged: 4/30/00
Charge Disposition: SUSPENDED SENTENCE
Fine: \$325.00
Synopsis:

Site: CANADIAN WASTE SERVICES INC.
ON

Database:
CONV

File No:
Crown Brief No: 99-0188-0235
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: TRANSPORTING LEACHATE WASTE FROM AN APPROVED WASTE DISPOSAL SITE WITHOUT THE GENERATOR, CARRIER AND/OR RECEIVER COMPLETING A MANIFEST.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: KINGSTON

Additional Details

Publication Date:

Count: 1
Act: EPA
Regulation: 347
Section: 19(1) (A)
Act/Regulation/Section: EPA-347-19(1) (A)
Date of Offence:
Date of Conviction:
Date Charged: 7/19/01
Charge Disposition: SUSPENDED SENTENCE
Fine: \$17,000.00
Synopsis:

Site: CANADIAN WASTE SERVICES INC.
ON

Database:
CONV

File No:
Crown Brief No: 99-0164-0282
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: OPERATE A HEAVY DIESEL-FUELLED MOTOR VEHICLE THAT CONTRAVENES THE EMISSION STANDARDS.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: KINGSTON

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 361/98
Section: 12(5)
Act/Regulation/Section: EPA-361/98-12(5)
Date of Offence:
Date of Conviction:
Date Charged: 1/27/00
Charge Disposition: SUSPENDED SENTENCE
Fine: \$425.00
Synopsis:

Site: CANADIAN WASTE SERVICES INC.
ON

Database:
CONV

File No:
Crown Brief No: 99-0086-0115
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAILED TO PROVIDE CERTAIN DOCUMENT WITH EACH VEHICLE CONTRAVENING A PROVISIONAL CERTIFICATE OF APPROVAL.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: KINGSTON

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 186(3)
Act/Regulation/Section: EPA- -186(3)
Date of Offence:
Date of Conviction:
Date Charged: 3/15/00
Charge Disposition: SUSPENDED SENTENCE
Fine: \$305.00
Synopsis:

Site: CANADIAN WASTE SERVICES INC.
ON

Database:
CONV

File No:
Crown Brief No: 99-0136-0187
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: OPERATE A HEAVY DIESEL-FUELLED MOTOR VEHICLE THAT CONTRAVENES THE EMISSION STANDARDS.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: KINGSTON

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 361/98
Section: 12(5)
Act/Regulation/Section: EPA-361/98-12(5)
Date of Offence:
Date of Conviction:
Date Charged: 10/18/00
Charge Disposition: SUSPENDED SENTENCE
Fine: \$425.00
Synopsis:

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: City of Ottawa

Database:
ECA

Madison Avenue Madison Avenue (Churchill Avenue to Winston Avenue) Ottawa ON K2G 6J8

Approval No: 5586-8LWQCS
Approval Date: 2011-09-23
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: Madison Avenue Madison Avenue (Churchill Avenue to Winston Avenue)
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8203-8KMJER-14.pdf>

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: Ottawa Greenbelt Construction Company Limited
Churchill Ave Reconstruction - Carling to Byron Ottawa ON

Database:
GEN

Generator No: ON4886021
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 237110
SIC Description: WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION

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

Detail(s)

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: 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:
Site Geo Ref Meth:

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:

Incident Summary:
Contaminant Qty:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial

[AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Jan 31, 2020

Borehole:

Provincial

[BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 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-Jan 31, 2020

Compressed Natural Gas Stations:

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 - Feb 2020

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-Dec 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-Apr 30, 2020

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-Apr 30, 2020

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-Apr 30, 2020

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-Apr 30, 2020

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-Jan 31, 2020

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, 2019

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. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Nov 2019

Fisheries & Oceans Fuel Tanks:

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: 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-Jan 31, 2020

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

Government Publication Date: 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 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:Provincial [NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:Federal [NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:Federal [NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:Federal [NDWD](#)

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:Federal [NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Mar 31, 2020

National Energy Board Wells:Federal [NEBP](#)

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):Federal [NEES](#)

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory:Federal [NPCB](#)

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:Federal [NPRI](#)

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 29, 2020

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-Apr 30, 2020

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 - Apr 2020

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-Apr 30, 2020

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-Mar 2020

Retail Fuel Storage Tanks:

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Jan 31, 2020

Scott's Manufacturing Directory:

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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-Nov 2019

Wastewater Discharger Registration Database:

Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Apr 30, 2020

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.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

POSITION

Intermediate Environmental Engineer

EDUCATION

Carleton University
M.A.Sc., Environmental Engineering, 2013
B.Eng., Environmental Engineering, 2008

MEMBERSHIPS & AWARDS

Ontario Professional Engineers Association (EIT)
NSERC Industry R&D Scholarship

EXPERIENCE

2018 – Present

Paterson Group Inc.

Consulting Engineers
Geotechnical and Environmental Division
Environmental Engineer

2014 – 2015

Thurber Engineering Limited

Oil Sand Tailings Group
Tailings Engineer

2009 – 2014

Carleton University

Department of Civil & Environmental Engineering
Research Engineer, Research Assistant & Teaching Assistant

2008 – 2009

SLR Consulting Limited

Contaminated Sites
Junior Environmental Engineer

SELECTED LIST OF PROJECTS

Phase I & II Environmental Site Assessments – NRC, Kingston
Remediation – National Capital Region, Saskatchewan
Multi-lift and dry-stacking pilot programs – Northern Alberta
Polymer amended oil sand tailings – Northern Alberta
Hydraulic cut-off wall – Allen, Saskatchewan
Cemented paste backfill systems – Northern Ontario

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Associate and Supervisor of the Environmental Division
Senior Environmental/Geotechnical Engineer

EDUCATION

Queen's University, B.A.Sc.Eng, 1991
Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present

Paterson Group Inc.

Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility – Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Richmond Road Reconstruction - Ottawa
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review – Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre – Ottawa
Nortel Networks Environmental Monitoring - Carling Campus – Ottawa
Remediation Program - Block D Lands – Kingston
Investigation of former landfill sites – City of Ottawa
Record of Site Condition for Railway Lands – North Bay
Commercial Properties – Guelph and Brampton
Brownfields Remediation – Alcan Site - Kingston
Montreal Road Reconstruction - Ottawa
Appleford Street Residential Development - Ottawa
Remediation Program - Ottawa Train Yards
Remediation Program - Bayshore and Heron Gate
Gladstone Avenue Reconstruction – Ottawa
Somerset Avenue West Reconstruction - Ottawa