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Phase I-Environmental Site Assessment

522 Lower Byron Avenue
Ottawa, Ontario

Prepared For

SerCo Realty Group

January 25, 2022

Report: PE5433-1

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by SerCo Realty Group to conduct a Phase I-Environmental Site Assessment (ESA) for the property addressed 522 Lower Byron Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the Phase I ESA Property and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I ESA Property.

According to the historical research, the Phase I ESA Property was developed with the present-day residential dwelling as early as 1928. No on-site potentially contaminating activities (PCAs) were identified on the Phase I ESA Property.

The historical use of the surrounding lands consisted of primarily residential with some commercial and institutional land uses. Several historical off-site PCA were identified across Byron Avenue. Based on the separation distances and down-gradient orientations, the off-site PCAs were not considered to have represented areas of potential environmental concern (APECs). The ERIS report obtained for the subject land and lands in the study area were reviewed. The report identified a 400-L furnace oil spill at the private residence (516 Lower Byron Avenue) in 1989, located immediately east of the subject property. This off-site PCA is considered to represent an APEC on the Phase I ESA Property.

Following the historical research, a site visit was conducted. The Phase I ESA Property is currently occupied by the original pre-1928 residential dwelling. Neighbouring land use in the Phase I Study Area consists primarily of residential with some commercial land use (offices and retail) as well as institutional uses. No new off-site PCAs were identified to result in APECs on the Phase I ESA Property.

Recommendations

Based on our findings of the assessment, it is **our opinion that a Phase II-Environmental Site Assessment is required for the subject property.**

1.0 INTRODUCTION

At the request of SerCo Realty Group, Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I-ESA) for 522 Lower Byron Avenue, in the City of Ottawa, Ontario, herein referred to as the Phase I ESA Property. The purpose of this Phase I-ESA was to research the past and current use of the Phase I ESA 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 Phase I ESA Property.

Paterson was engaged to conduct this Phase I-ESA by Ms. Loredana Porcari, with SerCo Realty Group. The head office is located at 9 Capella Court, Ottawa, Ontario. Ms. Porcari can be reached by telephone at (613) 226-2221.

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

This Phase I-ESA report has been prepared under the supervision of a Qualified Person, in general accordance with Ontario Regulation (O.Reg.) 153/04, as amended under the Environmental Protection Act, and also 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 ESA PROPERTY INFORMATION

Address:	522 Lower Byron Avenue, Ottawa, Ontario
Location:	The Phase I ESA Property is located on the southside of Lower Byron Avenue, approximately 105 m east of Roosevelt Avenue, in the City of Ottawa, Ontario. Refer to Figure 1 - Key Plan in Appendix 1 for the site location.
Latitude and Longitude:	45° 23' 25.30" N, 75° 45' 17.15" W

Site Description:

Configuration:	Rectangular
Area:	625 m ² (approximately)
Zoning:	R4U – Residential Zone.
Current Use:	The Phase I ESA Property is currently occupied by a 2-storey residential dwelling and private garage.
Services:	The Phase I ESA 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 Phase I ESA Property 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 Phase I ESA Property and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the Phase I ESA Property, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements 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 250 m was determined to be appropriate as a Phase I Study Area for this assignment. Properties outside the 250 m radius are not considered to have impacted the Phase I ESA Property based on their significant separation distance.

First Developed Use Determination

Based on a review of the 1928 aerial photograph, the Phase I ESA Property was developed at this time with what appears to be occupied by a residential dwelling. Although the exact year of first developed use of the Phase I ESA Property is not known, for the purpose of this assessment, the Phase I ESA Property is considered to have been first developed for residential in 1928.

Fire Insurance Plans

The 1947 and 1956 Fire Insurance Plans (FIPs) for the Phase I ESA Property and properties within the Phase I Study Area were reviewed as part of this assessment.

The 1947 FIP depicts the Phase I ESA Property, formerly addressed 372 Alonzo Avenue (Late: Buff Lane), as being occupied by a 2-storey residential dwelling with a private garage. The 1956 FIP depict the same structures on-site, however, the Phase I ESA Property is addressed 522 Byron Avenue. No potentially contaminating activities (PCAs) were identified on the Phase I ESA Property.

The surrounding lands during the 1947 to 1956 were predominately occupied by residential properties, with some commercial properties along Richmond Road and institutional/community properties. Three (3) off-site PCAs were identified at 433 Roosevelt Avenue (repair garage) approximately 85 m west; 428-430 Richmond Road (garage and 4 USTs) approximately 235 m northwest; and 415 Richmond Road (retail fuel outlet with 4 USTs) approximately 245 m northwest. Based on the separation distances and/or down- or cross-gradient orientation with respect to the Phase I ESA Property, these off-site PCAs are not considered to represent areas of potential environmental concern (APECs) on the Phase I ESA Property. No other off-site PCAs were identified during the review of the FIPs.

City of Ottawa Street Directories

City directories were reviewed in approximate ten (10) year intervals from 1940 to 2011. The Phase I ESA Property was not listed in the directories prior to 1940.

Based on the directory review, the civic address of the Phase I ESA Property was never listed until 1965, which was listed under various private individuals, indicating that the subject site was occupied for residential purposes.

Surrounding properties have historically been used for commercial purposes along Richmond Road, residential purposes on the adjacent streets with some institutional/community properties since the 1940s.

One PCA that was not identified in the FIPs was a dry-cleaner at 424 Churchill Avenue, approximate 87 m northeast of the subject land since 1965 to 2011. Based on the separation distance and down-gradient orientation, this historical off-site PCA is not considered to represent an APEC on the Phase I ESA Property.

Off-site historical PCAs identified during the FIPs and city directories review are shown on Drawing PE5433-2- Surrounding Land Use Plan.

Chain of Title

Paterson did not request a Chain of Title for the subject site as it was determined, based on aerial photographs, that the subject site has always existed as undeveloped vacant land.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on September 23, 2021. No records were found in the NPRI database for properties within the Phase I Study Area.

PCB Inventory

A search of national and provincial PCB waste storage sites was conducted. No PCB waste storage sites were reported 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 September 23, 2021. The search did not reveal any areas of natural significance within the Phase I Study Area.

Ministry of the Environment, Conservation and Parks (MECP) Submissions

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to reports related to environmental conditions for the Phase I ESA Property. A response from the MECP had not been received at the time this report was issued. An addendum to the Phase I ESA report will be prepared upon receipt of the search results.

MECP Instruments

A request was submitted to the MECP FOI office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments. A response from the MECP had not been received at the time this report was issued. An addendum to the Phase I ESA report will be prepared upon receipt of the search results.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records as part of this assessment. A response from the MECP had not been received at the time this report was issued. An addendum to the Phase I ESA report will be prepared upon receipt of the search results.

MECP Incident Reports

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP as part of this assessment. A response from the MECP had not been received at the time this report was issued. An addendum to the Phase I ESA report will be prepared upon receipt of the search results.

MECP Brownfields Environmental Site Registry (ESR)

A search of the MECP Brownfields Environmental Site Registry was conducted for the Phase I ESA Property and neighbouring properties within the Phase I Study Area. No Records of Site Condition (RSCs) were filed for the Phase I ESA Property.

Three (3) RSCs were filed for properties within the Phase I Study Area.

An RSC was filed at 575 Byron Avenue, approximately 145 m northwest of the Phase I ESA Property. According to the registry, approximately 1,500m³ of contaminated soil was removed and no contaminated groundwater was encountered. Given the information provided in the ESR (clean groundwater) in combination with the separation distance and down-gradient orientation relative to the Phase I ESA Property, the property at 575 Byron Avenue is not considered to have had the potential to impact the Phase I ESA Property.

An RSC was filed at 401 Golden Avenue (or 401 Richmond Road), approximately 230 m west of the Phase I ESA Property. According to the registry, approximately 500 m³ of contaminated soil was removed and no contaminated groundwater was encountered. Given the information in the ESR in combination with the separation distance and cross-gradient orientation relative to the Phase I ESA Property, 401 Golden Avenue is not considered to have impacted Phase I ESA Property.

An RSC was filed at 9 Baldwin Street North, approximately 140 m southeast of the Phase I ESA Property. According to the registry, approximately 1,174 m³ of contaminated soil was removed and no contaminated groundwater was encountered. Given the information in the ESR in combination with the separation distance and cross-gradient orientation relative to the Phase I ESA Property, 9 Baldwin Street North is not considered to represent an APEC on the Phase I ESA Property.

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. No former waste disposal sites were identified within the Phase I Study Area.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No Municipal Coal Gasification Plant Sites are located within the Phase I Study Area.

Environmental Risk Information Services (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I ESA Property and properties within the 250 m study area.

According to the ERIS report, no records were identified for 522 Lower Byron Avenue. The ERIS search identified several off-site records, which included environmental related records (Certificates of Approvals, Permits to Take Water, etc.), waste generators, fuel storage tanks, spills, a dry cleaning facility and listings under Scott's Manufacturing Directories, some of which were considered to represent off-site PCAs that are not considered to represent APECs, based on their separation distances and/or orientations with respect to the Phase I ESA Property.

One record was identified at 516 Lower Byron Avenue, located immediately east of the Phase I ESA Property. The ERIS identified a 400-L furnace oil spill at the private residence in 1989. This off-site PCA is considered to represent an APEC on the Phase I ESA Property.

Based on a review of the ERIS Report, records considered to represent PCAs are identified on Drawing PE5433-1 – Surrounding Land Use Plan. A copy of the ERIS report is included in Appendix 2.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted on October 6, 2021, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. No TSSA related records were identified on the Phase I ESA Property or within the Phase I Study Area. A copy of the TSSA correspondence is provided in Appendix 2.

Former Industrial Sites

The report titled "Mapping and Assessment of Former Industrial Sites, City of Ottawa" prepared by Intera Technologies Limited was reviewed. No former industrial sites were identified on properties within the Phase I Study Area.

City of Ottawa Landfill Document

The document entitled “Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa”, was reviewed. No former waste sites were identified in the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI)

A search request for the City of Ottawa’s Historical Land Use Inventory (HLUI) database was requested as part of this assessment. A response from the City was received on December 20, 2021. Based on the HLUI search results, no activities or fuel oil storage were identified for the Phase I ESA Property.

Eleven (11) new historical activities as well as four (4) fuel oil storage records were identified within the study area and considered to represent PCAs. Based on the separation distances, these PCAs are not considered to represent APECs on the Phase I ESA Property. New off-site PCAs are shown on Drawing PE5433-2 – Surrounding Land Use Plan, in the Figures section of this report. A copy of the HLUI response and search results are 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 ESA Property appears to be occupied by a residential style dwelling. Neighbouring properties appear to be developed for predominately residential purposes with some institutional purposes (schools). Lower Byron Avenue and Richmond Road a this time. |
| 1958 | No significant changes are apparent on the Phase I ESA Property and neighbouring lands to the west and south. Some commercial properties can be seen along Richmond Road. The school to the neighbouring east appears to have been upgraded at this time. |
| 1965 | The Phase I ESA Property and surrounding properties appear unchanged from the previous photograph. |

- | | |
|------|--|
| 1976 | No significant changes appear to have been made to the Phase I ESA Property or neighbouring properties within the Phase I Study Area. |
| 1991 | No significant changes appear to have been made to the Phase I ESA Property or neighbouring properties within the Phase I Study Area, with the exception that the school to the neighbouring east has been upgraded. |
| 2002 | No significant changes are apparent on the Phase I ESA Property. Some commercial properties along Richmond Road appear to have been redeveloped and/or expanded for commercial spaces. |
| 2011 | No significant changes appear to have been made to the Phase I ESA Property or neighbouring properties within the Phase I Study Area. |
| 2019 | The Phase I ESA Property and surrounding lands remain unchanged from the previous photograph. |

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, the Phase I ESA Property is situated within the Ottawa Clay Plain physiographic region.

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 ESA Property slopes down in a westerly 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 provided by the Geological Survey of Canada's website on the Urban Geology of the National Capital Area, the subsurface geology in the area of the Phase I ESA Property consists of limestone with inter bedded dolomite of the Gull River Formation, with a drift thickness of 0 to 1 m thick overburden consisting of plain till and exposed bedrock.

Water Well Records

A well record search was conducted on October 6, 2021 for all drilled wells within 250 m of the Phase I ESA Property. No well records were identified on the Phase I ESA Property.

The search returned 11 well records, seven (7) of which were monitoring well records, with one record drilled as two (2) well clusters, and four (4) abandoned well records.

The monitoring wells were all drilled on properties located along Richmond Road, approximately 80 m downgradient from the Phase I ESA Property, while the abandoned wells were located at the school, approximately 120 m east of the Phase I ESA Property. These wells are not considered to pose any risk to the Phase I ESA Property based on the separation distances and cross- or down-gradient orientations relative the subject land.

Based on these well records, the stratigraphy in the study area consists of silty sand overlying limestone bedrock. The Phase I ESA Property is situated in shallow soils, where bedrock was encountered at depths ranging from 0.9 to 1.05 m below the existing ground. No other information was provided in the well records. A copy of the well records has been included in Appendix 2.

Areas of Natural Significance and Water Bodies

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

5.0 INTERVIEWS

Property Owner Representative

As part of this assessment, Ms. Loredana Porcari of SerCo Realty Group, the current landowner since 2020, was interviewed via email as part of this assessment on October 6, 2021.

The Phase I ESA Property has always been used for residential purposes. The dwelling was constructed circa 1928. No designated substance or asbestos survey has been conducted to date.

It should be noted that it was not possible to interview someone with significant historical knowledge of the Phase I ESA Property, such as the previous owner.

Ms. Porcari is not aware of any other potential environmental concerns. Any other pertinent information obtained during the interview has been included in the relevant sections of this report.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site visit was conducted on September 27, 2021 by Ms. Mandy Witteman with Paterson's Environmental Department. In addition to the site, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit, from publicly accessible areas.

6.2 Specific Observations at the Phase I ESA Property

Buildings and Structures

The Phase I ESA Property is currently occupied by a two-storey dwelling which was constructed prior to 1928. An addition was built on the southern end of the dwelling circa 2005. The exterior is finished in vinyl siding with a sloped shingle style roof. The dwelling is heated by a natural gas-fired furnace.

A private garage is situated to the east of the dwelling, while a small temporary shed structure is present on the south – central portion of the property. Both structures are finished with wood siding and a flat shingled style roof.

Site Features

The Phase I ESA Property is partially paved with asphaltic concrete driveway situated on the eastern side of the property. The southern and western property boundaries are treed. The site topography is relatively flat and is at the a similar grade to the adjacent properties to the east and west and Lower Byron Avenue.

Site drainage consists of infiltration on the landscaped areas of the site with sheet runoff on the paved area to catch basins along Lower Byron Avenue. No standing water or evidence of surficial staining was observed on the exterior of the Phase I ESA Property at the time of the site visit.

No aboveground storage tanks (ASTs) or evidence of underground storage tanks (USTs) or other below ground structures were observed on the subject land at the time of the site visit.

No evidence of recent excavation, fill material, current or former railway or spur lines or unidentified substances were observed on the Phase I Property at the time of the site visit.

The Phase I ESA Property is situated in a municipally serviced area. There were no potable wells observed on the Phase I Property or on other properties within the Phase I Study Area, at the time of the site visit. The above-noted site features are shown on Drawing PE5433-1 - Site Plan.

Subsurface Services and Utilities

Other than the basement beneath the subject building, there are no subsurface structure at the Phase II Property. Underground utilities at the Phase II Property include electricity, natural gas and municipal water and sewer utilities that enter the Phase I ESA Property from Lower Byron Avenue.

Interior Assessment

The interior of the subject building is as follows:

- The floors consist of hardwood floors, linoleum flooring and ceramic tile.
- The walls consist of drywall and hard plaster.
- The ceilings consist of ceiling stipple and drywall.
- Lighting throughout the building is provided by incandescent light fixtures.

Potentially Hazardous Building Products

Asbestos Containing Materials (ACMs) and Lead-Based Paint

Based on the age of the subject building (pre-1928), asbestos containing materials and lead based paints may be present within the structure.

Urea Formaldehyde Foam Insulation (UFFI)

Based on the age of the structure, UFFI may be present within the building, however, wall cavities were not inspected for insulation type at the time of the site inspection.

PCBs

PCBs are not expected to be present within the structure.

Other Potential Environmental Concerns

Fuels and Chemical Storage

No signs of an AST or UST were noted in the interior of the subject building. Chemical storage at the Phase I ESA Property was limited to domestically available cleaning products, stored in their original containers.

No hazardous chemicals or spills were observed at the time of the site inspection. No concerns were identified with respect to chemical storage on the Phase I ESA Property

Wastewater Discharges

Wastewater from the subject building, which includes washwater and sewage, is discharged from the subject building into the City of Ottawa sanitary sewer system. One sump pit was noted to be dry with no apparent odour. No concerns were identified with respect to wastewater discharges on the Phase I ESA Property.

Ozone Depleting Substances (ODSs)

Potential sources of ODSs observed on site included fire extinguishers, refrigerators, and an air conditioning unit. These appliances appeared to be in good condition at the time of the site inspection and should be serviced by a licenced contractor on a regular basis.

Neighbouring Properties

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

- North: Lower Byron Avenue, followed by Byron Avenue;
- South: Residential, followed by Ravenhill Avenue East;
- East: Residential, followed by institution (school); and
- West: Residential.

Land use within the Phase I Study Area (250 m radius) is primarily used for residential with some commercial institutional lands. No existing off-site PCAs were identified at the time of the site visit. Surrounding land use is shown on Drawing PE5433-2 – Surrounding Land Use Plan.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The Phase I ESA Property was developed prior to 1928 with the present-day residential dwelling and has remained residential. There has been no change in land use since its first developed use.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on the historical review and current use of the Phase I ESA Property and properties within the Phase I Study Area, there is one off-site potentially contaminating activity (PCA) that is considered to result in an area of potential environmental concern (APEC) on the Phase I ESA Property, as summarized in Table 1, along with their respective location and contaminants of potential concern (CPCs).

Table 1: Potentially Contaminating Activities and 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 historical oil spill	Eastern portion of the Phase I ESA Property	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	Off-site	BTEX PHCs (F ₁ -F ₄)	Groundwater

Contaminants of Potential Concern

Based on the findings of the Phase I ESA, the contaminants of potential concern (CPCs) on the Phase I ESA Property include benzene, toluene, ethylbenzene and xylenes (BTEX) and petroleum hydrocarbons (PHCs) fractions F₁ through F₄ in soil and/or groundwater.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

According to the Geological Survey of Canada website, the bedrock in the area of the Phase I ESA Property is reported to consist of limestone and interbedded dolomite of the Gull River Formation. The overburden is reported to consist of plain till and exposed bedrock with depths ranging from 0 to 1 m over the entire site.

Based on the regional topography, the groundwater flow beneath the Phase I ESA Property is inferred to be in a northwesterly direction.

Areas of Natural Significance

No areas of natural significance were identified in the Phase I Study Area.

Water Bodies

No natural water bodies were identified within the Phase I Study Area.

Drinking Water Wells

There are no potable water wells on the Phase I ESA Property, nor are they expected to be present as the subject land is situated in a municipally serviced area.

Existing Buildings and Structures

The Phase I ESA Property is currently occupied by a two-storey dwelling which was constructed prior to 1928. An addition was built on the southern end of the dwelling circa 2005. The exterior is finished in vinyl siding with a sloped shingle style roof. The dwelling is heated by a natural gas-fired furnace.

A private garage is situated to the east of the dwelling, while a small temporary shed structure is present on the south – central portion of the property. Both structures are finished with wood siding and a flat shingled style roof.

Subsurface Structures and Utilities

The Phase I ESA Property is situated in a municipally serviced area. Underground utilities and/or structures includes electricity, natural gas and municipal water that enter the Phase I ESA Property from Lower Byron Avenue.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists of residential with some commercial (retailers) and institutional/community properties.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Table 1 in Section 7.1 of the this report, one off-site PCA is considered to result in an APEC on the Phase I Property:

- PCA 28: Gasoline and Associated Products Storage in Fixed Tanks – this PCA was selected based on a reported historical fuel spill at the adjacent property to the east, resulting in APEC 1 along the northeastern portion of the Phase I Property.

Contaminants of Potential Concern

As per Section 7.1, BTEX and PHCs (F₁-F₄) are contaminants of potential concern (CPCs) in the groundwater beneath the Phase I ESA Property.

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 no off-site PCAs that have resulted in an APEC on the Phase I ESA Property.

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 SerCo Realty Group to conduct a Phase I-Environmental Site Assessment (ESA) for the property addressed 522 Lower Byron Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the Phase I ESA Property and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I ESA Property.

According to the historical research, the Phase I ESA Property was developed with the present-day residential dwelling as early as 1928. No on-site potentially contaminating activities (PCAs) were identified on the Phase I ESA Property.

The historical use of the surrounding lands consisted of primarily residential with some commercial and institutional land uses. Several historical off-site PCA were identified across Byron Avenue. Based on the separation distances and down-gradient orientations, the off-site PCAs were not considered to have represented areas of potential environmental concern (APECs). The ERIS report obtained for the subject land and lands in the study area were reviewed. The report identified a 400-L furnace oil spill at the private residence (516 Lower Byron Avenue) in 1989, located immediately east of the subject property. This off-site PCA is considered to represent an APEC on the Phase I ESA Property.

Following the historical research, a site visit was conducted. The Phase I ESA Property is currently occupied by the original pre-1928 residential dwelling. Neighbouring land use in the Phase I Study Area consists primarily of residential with some commercial land use (offices and retail) as well as institutional uses. No new off-site PCAs were identified to result in APECs on the Phase I ESA Property.

8.2 Recommendations

Based on our findings of the assessment, it is **our opinion that a Phase II-Environmental Site Assessment is required for the subject property.**

9.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared under the supervision of a Qualified Person, 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 Phase I ESA Property 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 SerCo Realty Group. Permission and notification from the SerCo Realty Group and Paterson will be required to release this report to any other party.

Paterson Group Inc.



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



Karyn Munch, P.Eng., QP_{ESA}



Report Distribution:

- SerCo Realty Group
- 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 Freedom of Information and Privacy Office.
MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP document titled “Waste Disposal Site Inventory in Ontario”.
MECP Brownfields Environmental Site Registry.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
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.

Public Information Sources

Google Earth.
Google Maps/Street View.

Private Information Sources

ERIS Report
Survey Plan

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5433-2 – SITE PLAN

DRAWING PE5433-3 – SURROUNDING LAND USE PLAN

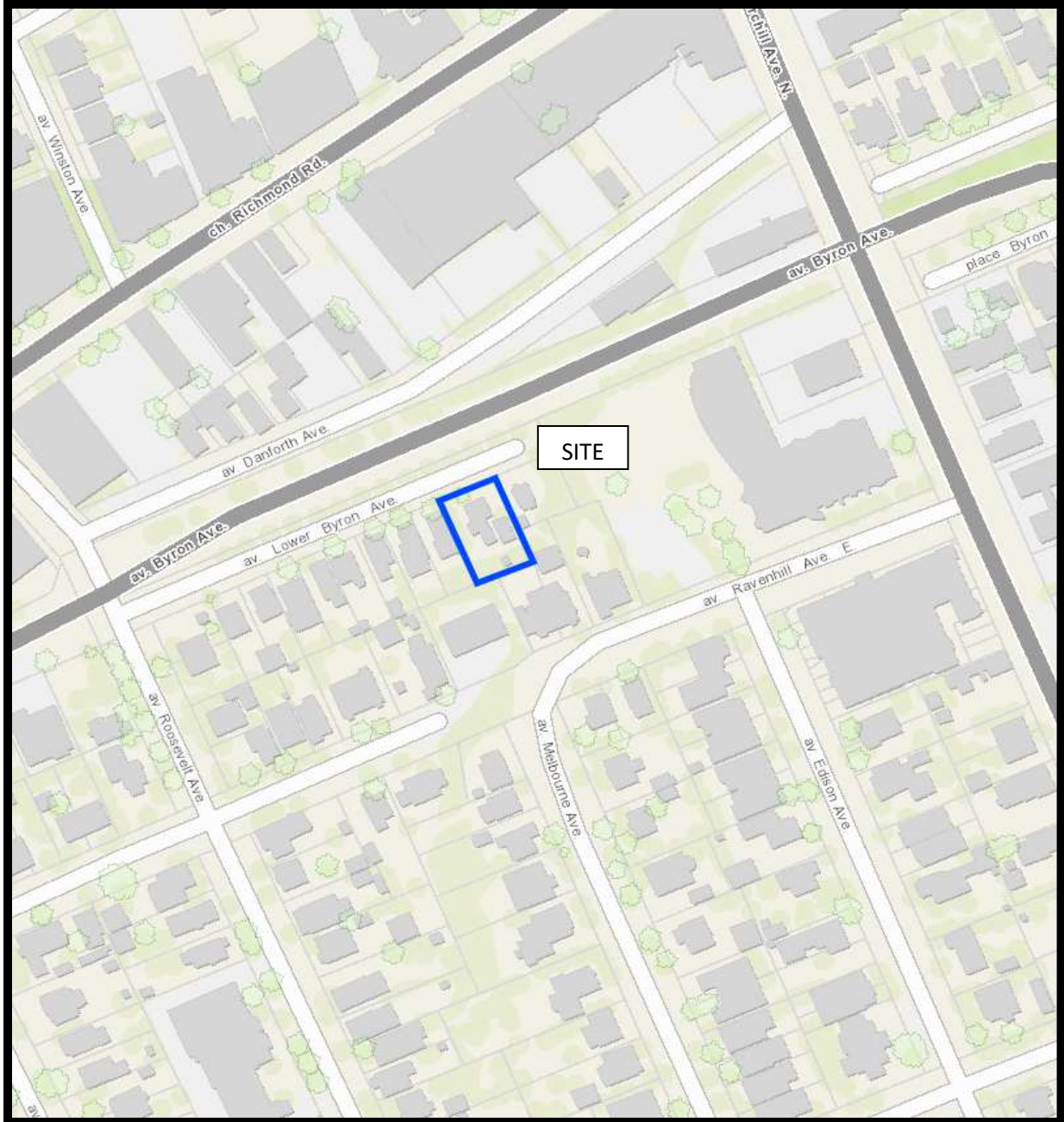


FIGURE 1
KEY PLAN

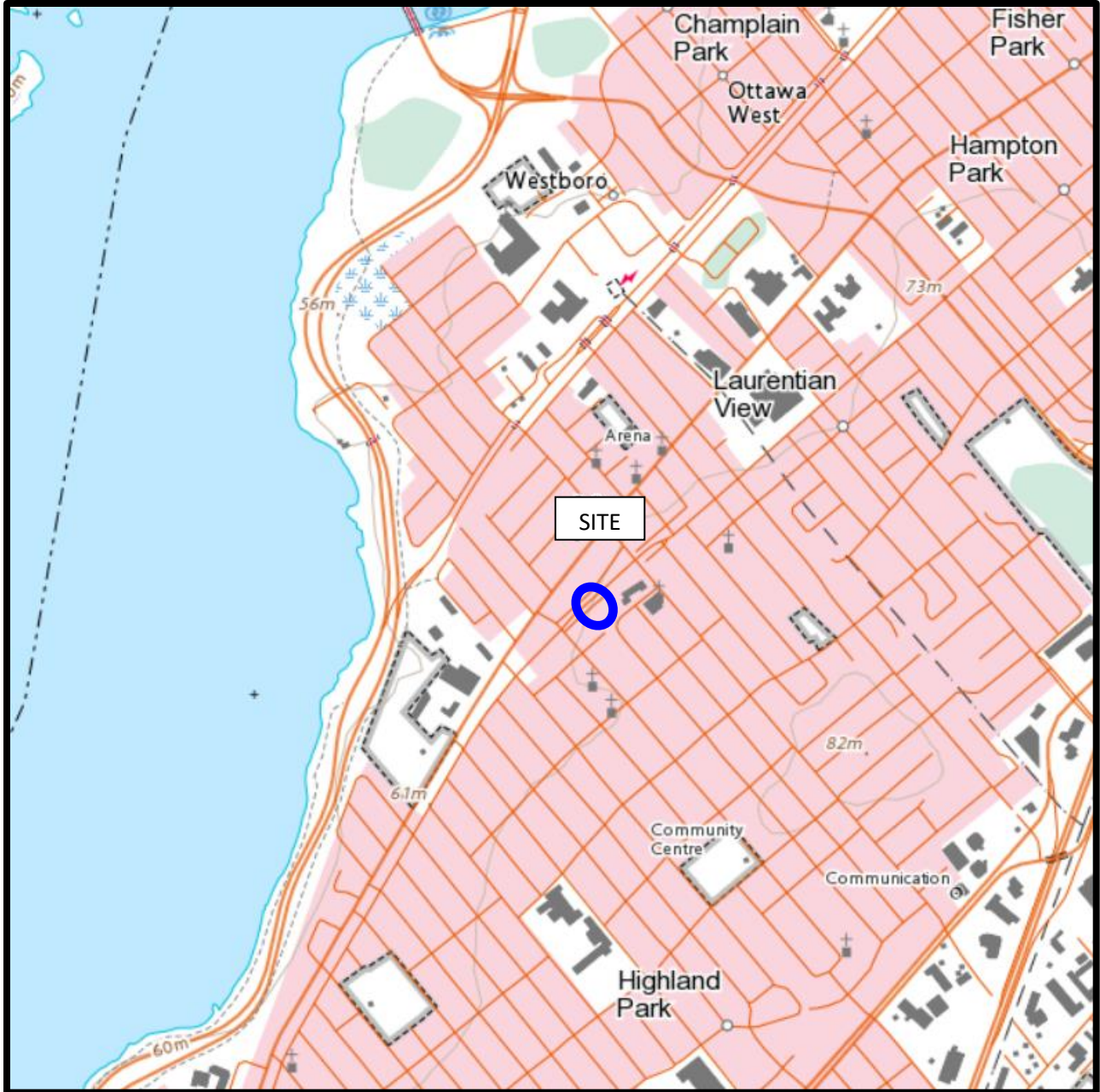
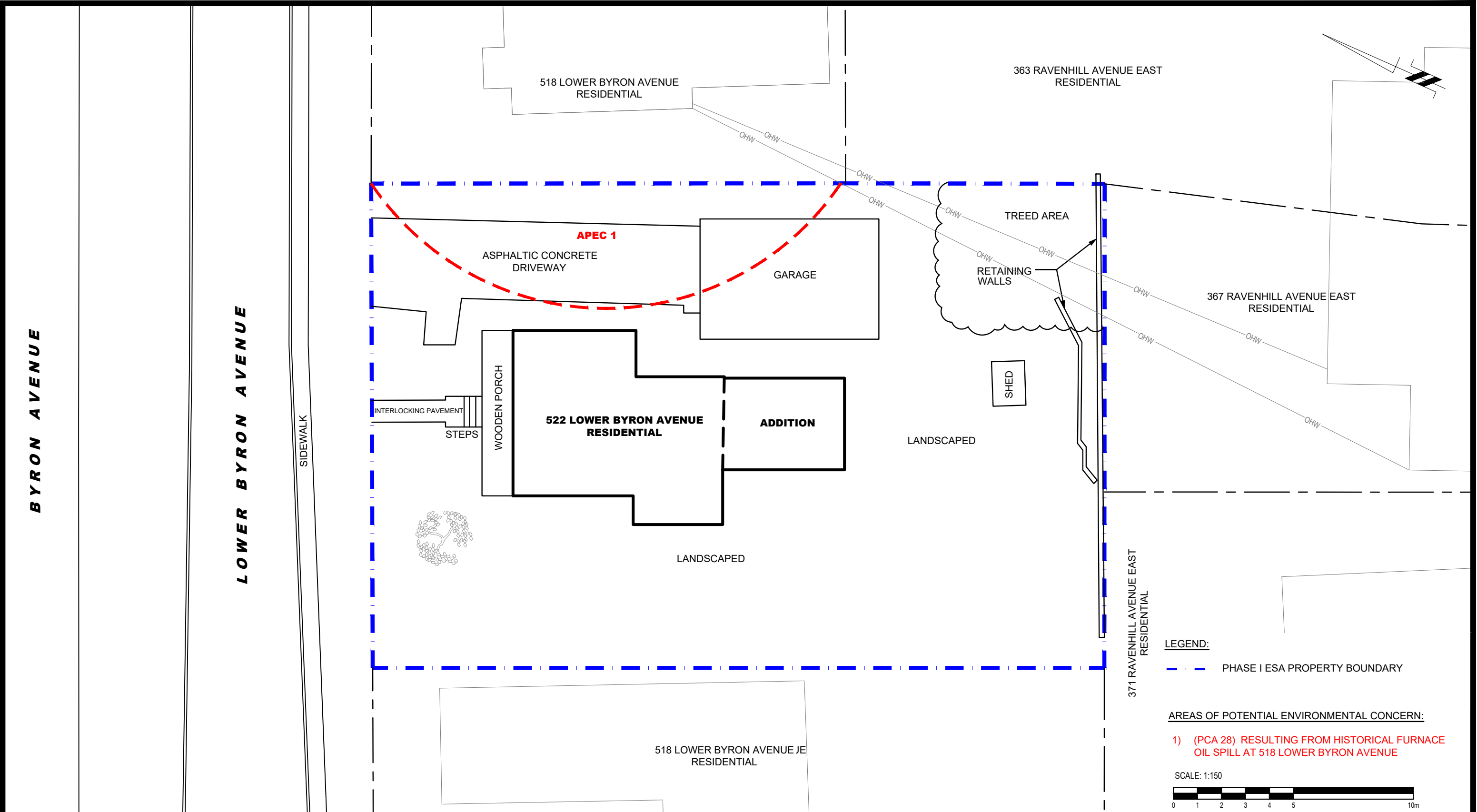


FIGURE 2
TOPOGRAPHIC MAP



LEGEND:
 - - - PHASE I ESA PROPERTY BOUNDARY

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:
 1) (PCA 28) RESULTING FROM HISTORICAL FURNACE OIL SPILL AT 518 LOWER BYRON AVENUE

SCALE: 1:150
 0 1 2 3 4 5 10m

patersongroup
 consulting engineers

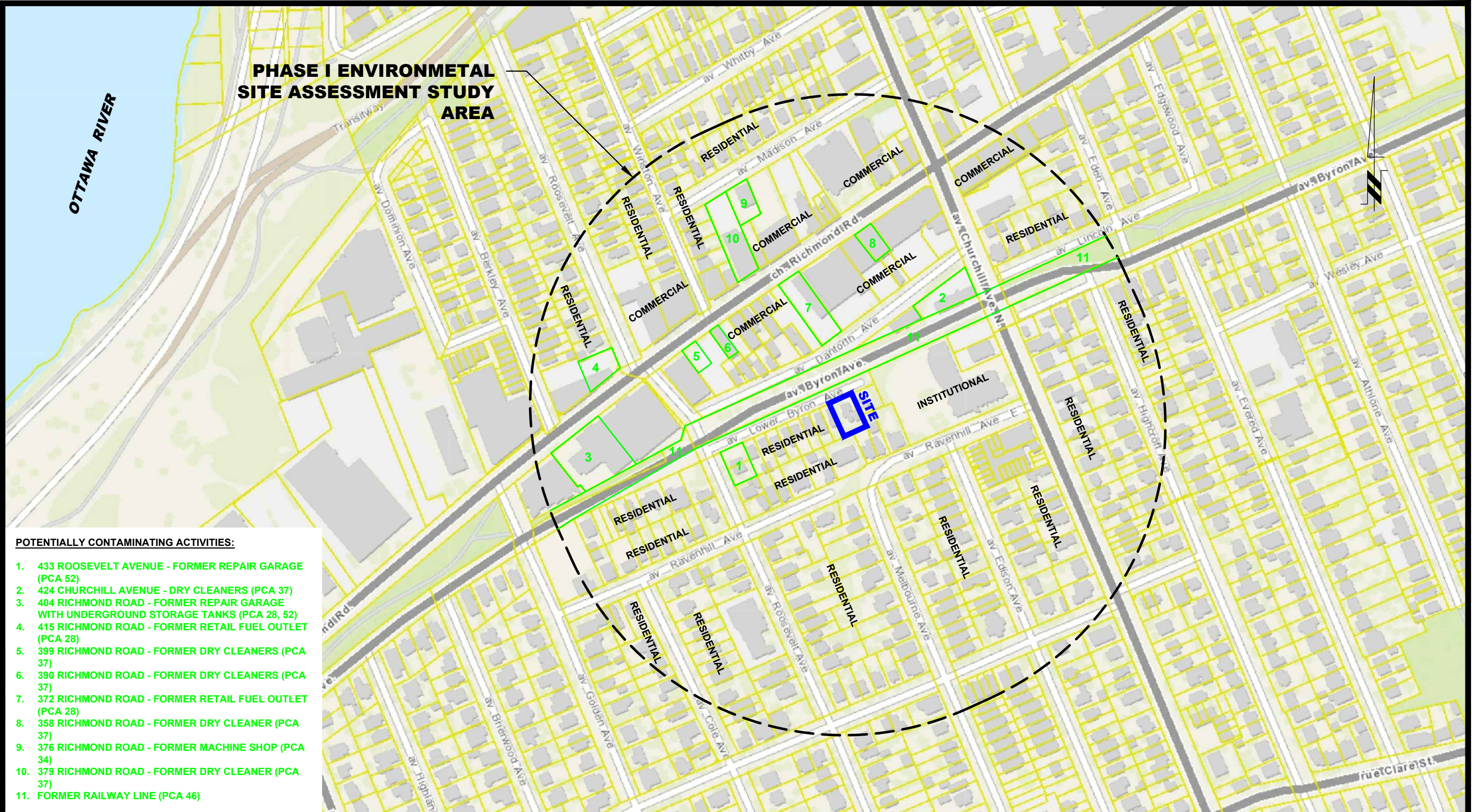
154 Colonnade Road South
 Ottawa, Ontario K2E 7J5
 Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL

SERCO REALTY GROUP
 PHASE I - ENVIRONMENTAL SITE ASSESSEMENT
 522 LOWER BYRON AVENUE
 OTTAWA, ONTARIO
SITE PLAN

Scale: 1:150
 Drawn by: MPG
 Checked by: MW
 Approved by: KM

Date: 02/2022
 Report No.: PE5433-1
 Dwg. No.: **PE5433-1**
 Revision No.:



**PHASE I ENVIRONMENTAL
SITE ASSESSMENT STUDY
AREA**

POTENTIALLY CONTAMINATING ACTIVITIES:

- 1. 433 ROOSEVELT AVENUE - FORMER REPAIR GARAGE (PCA 52)
- 2. 424 CHURCHILL AVENUE - DRY CLEANERS (PCA 37)
- 3. 404 RICHMOND ROAD - FORMER REPAIR GARAGE WITH UNDERGROUND STORAGE TANKS (PCA 28, 52)
- 4. 415 RICHMOND ROAD - FORMER RETAIL FUEL OUTLET (PCA 28)
- 5. 399 RICHMOND ROAD - FORMER DRY CLEANERS (PCA 37)
- 6. 390 RICHMOND ROAD - FORMER DRY CLEANERS (PCA 37)
- 7. 372 RICHMOND ROAD - FORMER RETAIL FUEL OUTLET (PCA 28)
- 8. 358 RICHMOND ROAD - FORMER DRY CLEANER (PCA 37)
- 9. 376 RICHMOND ROAD - FORMER MACHINE SHOP (PCA 34)
- 10. 379 RICHMOND ROAD - FORMER DRY CLEANER (PCA 37)
- 11. FORMER RAILWAY LINE (PCA 46)

patersongroup
consulting engineers

154 Colonnade Road South
Ottawa, Ontario K2E 7J5
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL

SERCOREALTY GROUP
PHASE I - ENVIRONMENTAL SITE ASSESSEMENT
522 LOWER BYRON AVENUE
ONTARIO

OTTAWA,
Title:

SURROUNDING LAND USE PLAN

Scale: 1:3000
Drawn by: MPG
Checked by: MW
Approved by: MSD

Date: 10/2021
Report No.: PE5433-1
Dwg. No.: **PE5433-2**
Revision No.:

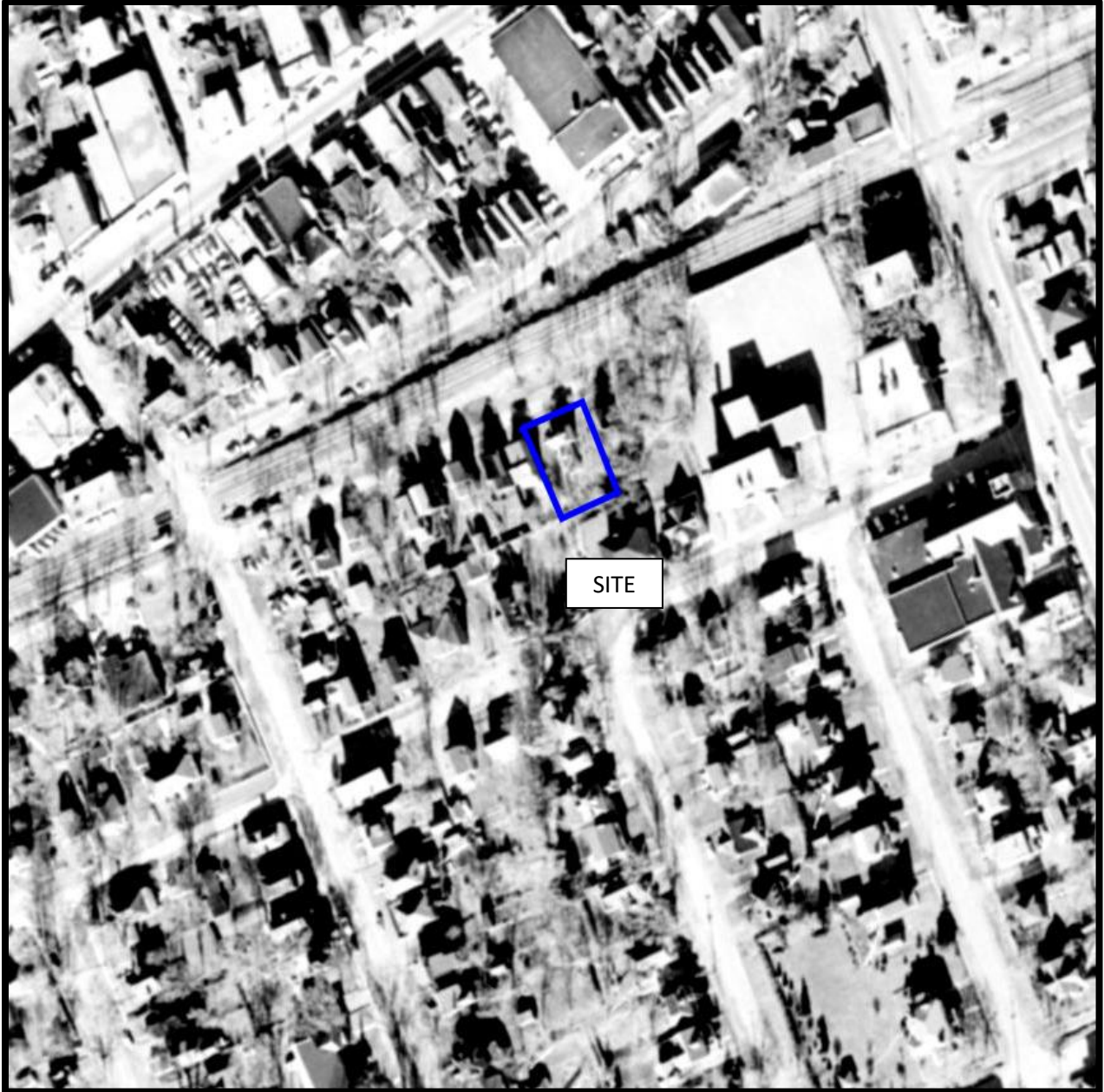
APPENDIX 1

AERIAL PHOTOGRAPHS

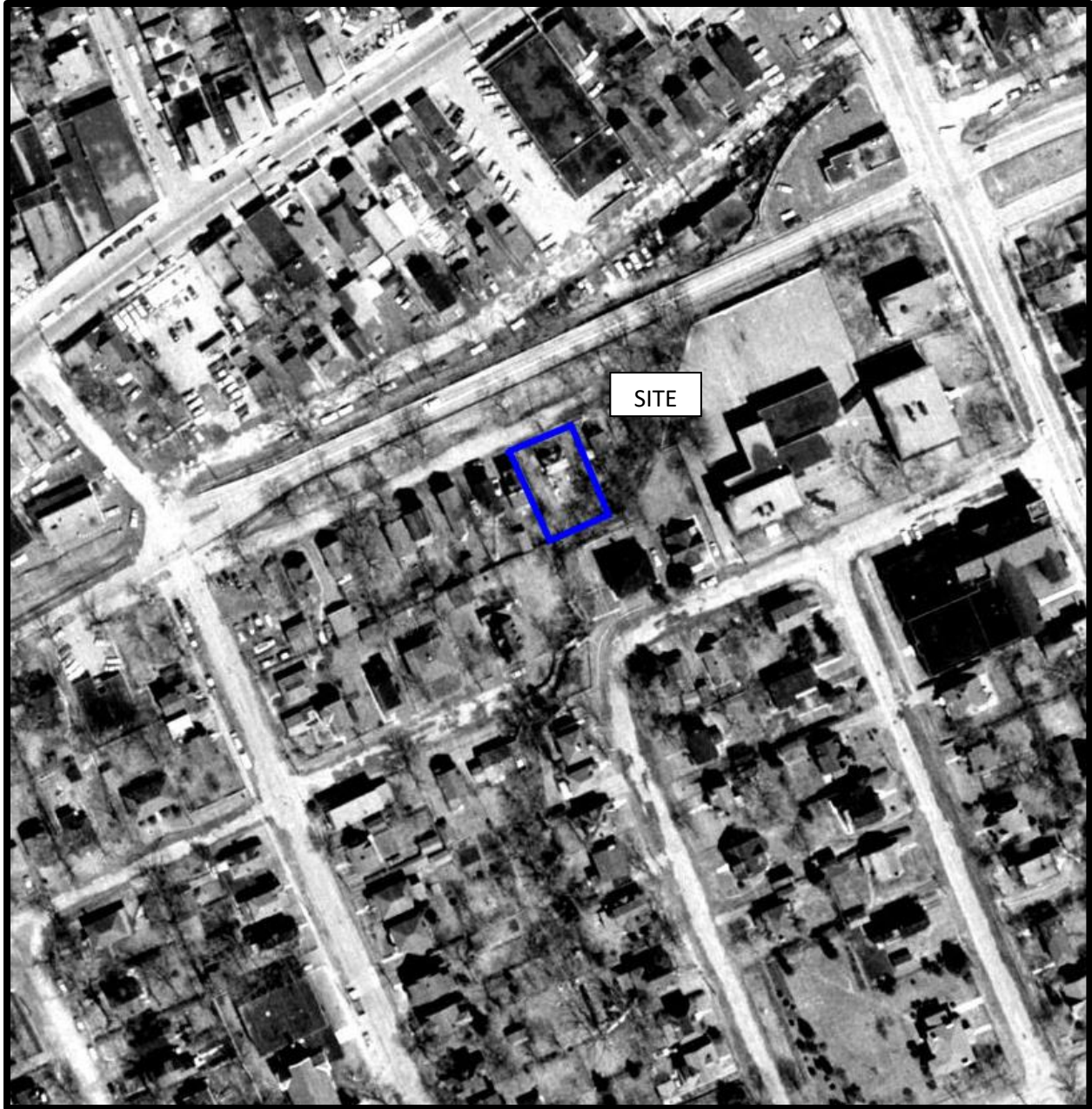
SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH
1928



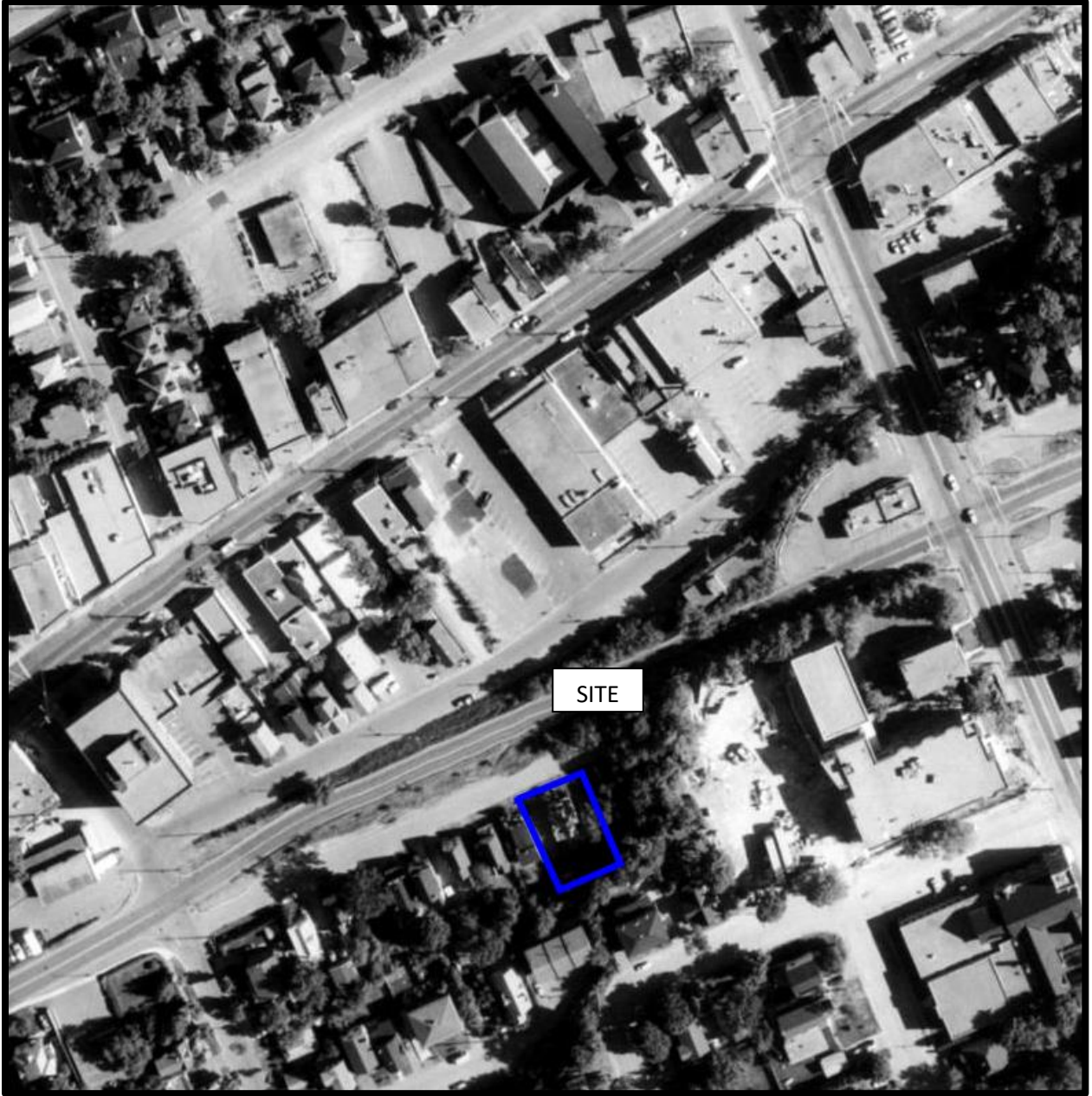
AERIAL PHOTOGRAPH
1958



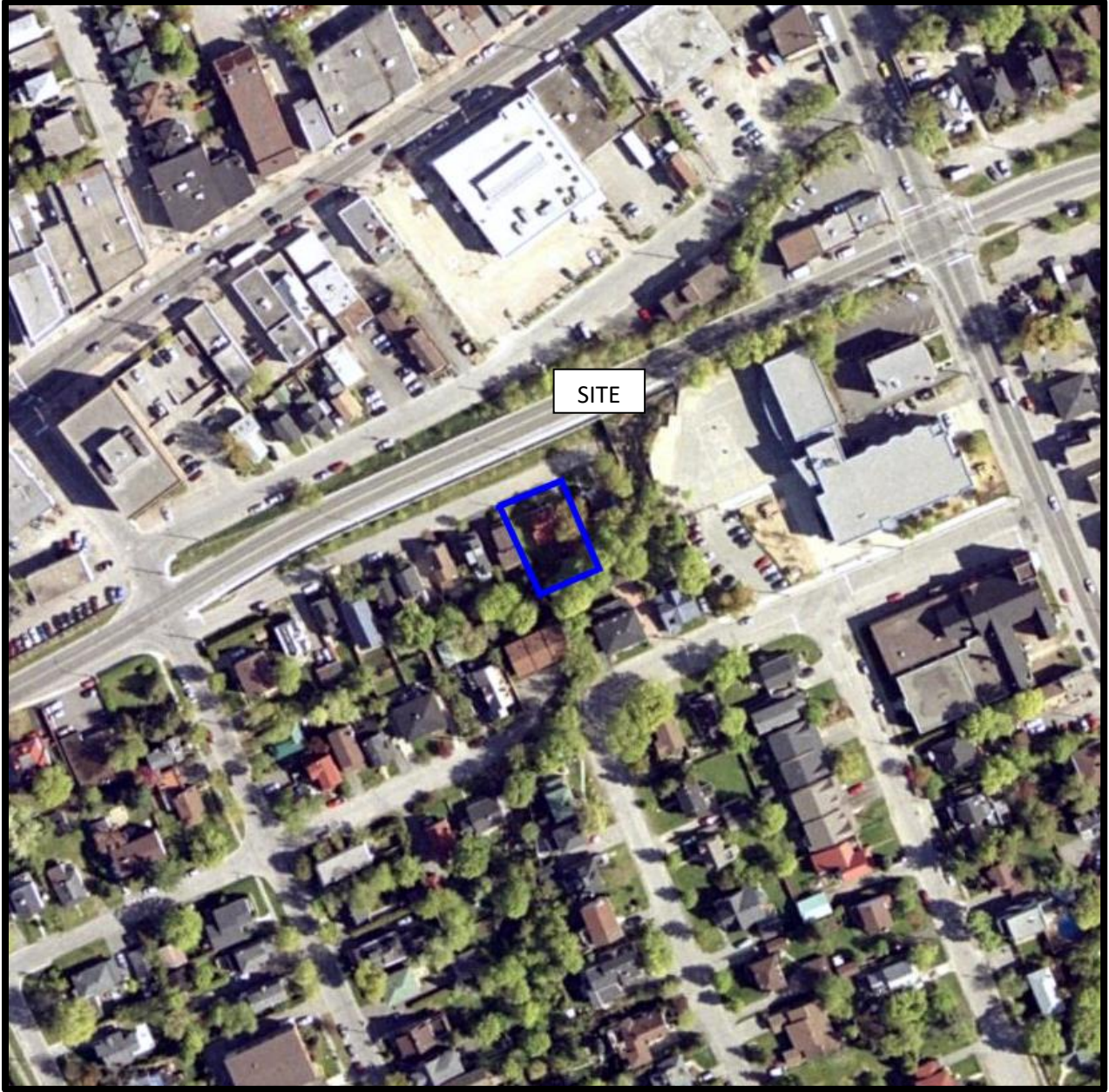
AERIAL PHOTOGRAPH
1965



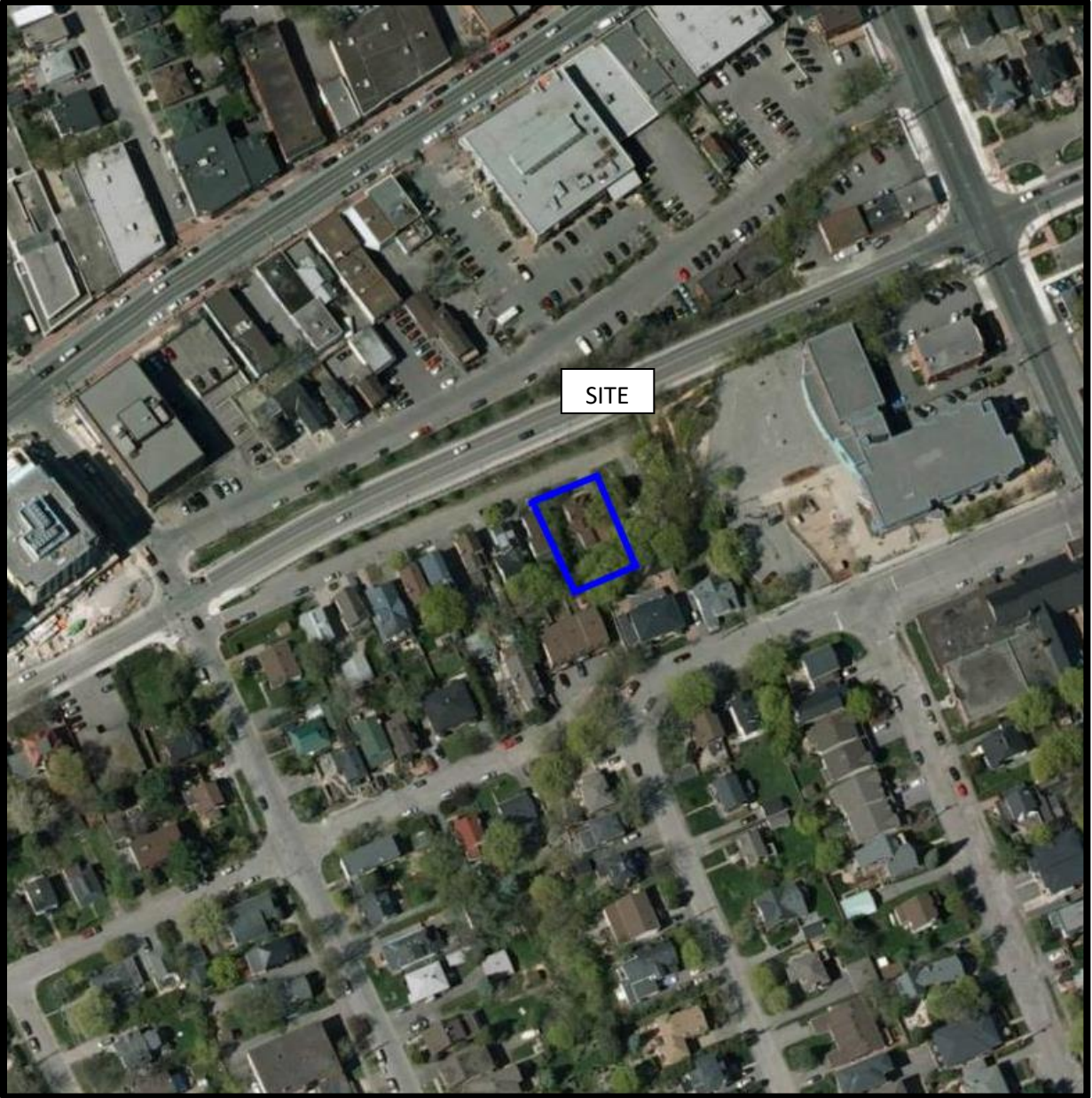
AERIAL PHOTOGRAPH
1976



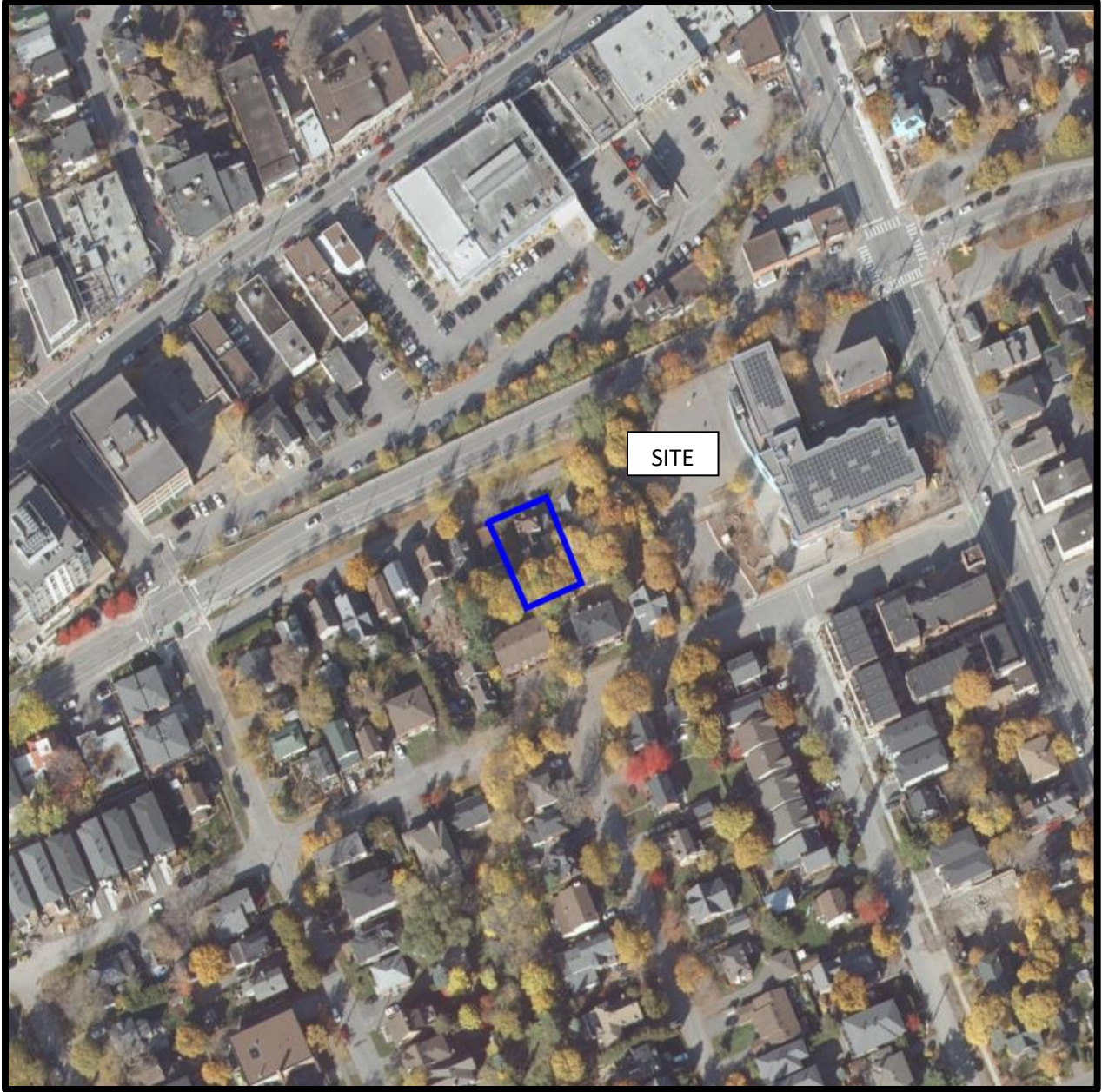
AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2019

APPENDIX 2

MECP FREEDOM OF INFORMATION

MECP WELL RECORDS

TSSA RESPONSE

HLUI RESPONSE

ERIS REPORT

**Ministry of the Environment,
Conservation and Parks**

Access and Privacy Office

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

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

Bureau de l'accès à l'information et
de la protection de la vie privée

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Télééc.: (416) 314-4285



September 10, 2021

Mandy Witteman
Paterson Group Inc.
154 Colonnade Road
Ottawa, ON K2E 7J5

Dear Mandy Witteman:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2021-05602, Your Reference PE5433

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of \$5.00 (non-refundable application fee).

The search is being conducted on the following: 522 Lower Byron Avenue, Ottawa. If there is any discrepancy please contact us immediately.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search and preparation time.

If you have any questions regarding this matter, please contact Nasreen Salar at or nasreen.salar@ontario.ca.

Yours truly,

Original signed by

Noel Kent
Manager, Access and Privacy

Ontario is now in Step Three of the [Roadmap to Reopen \(/page/reopening-ontario\)](#). Follow the [restrictions and public health measures \(https://covid-19.ontario.ca/public-health-measures\)](#).



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 \(https://data.ontario.ca/dataset/well-records\)](https://data.ontario.ca/dataset/well-records).

[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
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: July 21, 2021
Published: April 16, 2021

Related

How to use a Ministry of the Environment map (</page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

Ontario is now in Step Three of the [Roadmap to Reopen \(/page/reopening-ontario\)](#). Follow the [restrictions and public health measures \(https://covid-19.ontario.ca/public-health-measures\)](#).



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[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: July 21, 2021
Published: April 16, 2021

Related

How to use a Ministry of the Environment map (</page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

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[Go Back to Map\(\)](#).

Well ID

Well ID Number: 7303998

Well Audit Number: Z277536

Well Tag Number: A182773

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

Well Location

Address of Well Location	388 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: 440856.00 Northing: 5026632.00
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	CSND	GRVL		0 ft	1 ft
BRWN	SAND	SILT		1 ft	3 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	BENSEAL	
2 ft	3 ft	FILTER SAND	

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring
	Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.049 inch	PLASTIC	0 ft	2 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

1.315 inch	PLASTIC	2 ft	3 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	3 ft	2.375 inch

Audit Number: Z277536

Date Well Completed: December 15, 2017

Date Well Record Received by MOE: January 19, 2018

Updated: July 21, 2021

Published: April 16, 2021

Related

How to use a Ministry of the Environment map (</page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

[about Ontario \(https://www.ontario.ca/page/about-ontario\)](https://www.ontario.ca/page/about-ontario)

[accessibility \(https://www.ontario.ca/page/accessibility\)](https://www.ontario.ca/page/accessibility)

Ontario is now in Step Three of the [Roadmap to Reopen \(/page/reopening-ontario\)](#). Follow the [restrictions and public health measures \(https://covid-19.ontario.ca/public-health-measures\)](#).



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[Go Back to Map\(\)](#).

Well ID

Well ID Number: 7303999

Well Audit Number: Z277537

Well Tag Number: A189804

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

Well Location

Address of Well Location	388 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: 440852.00 Northing: 5026639.00
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	CSND	GRVL		0 ft	1 ft
BRWN	SAND	SILT		1 ft	3.5 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	1 ft	CONCRETE FLUSHMOUNT	
1 ft	2 ft	BENSEAL	
2 ft	3.5 ft	FILTER SAND	

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring
	Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.9 inch	PLASTIC	0 ft	2.5 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

1.61 inch	PLASTIC	2.5 ft	3.5 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	3.5 ft	3.25 inch

Audit Number: Z277537

Date Well Completed: December 15, 2017

Date Well Record Received by MOE: January 19, 2018

Updated: July 21, 2021

Published: April 16, 2021

Related

How to use a Ministry of the Environment map (</page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

[about Ontario \(https://www.ontario.ca/page/about-ontario\)](https://www.ontario.ca/page/about-ontario)

[accessibility \(https://www.ontario.ca/page/accessibility\)](https://www.ontario.ca/page/accessibility)

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[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: July 21, 2021
Published: April 16, 2021

Related

How to use a Ministry of the Environment map (</page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

Measurements recorded in: Metric Imperial

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner	
Springcross Properties				
Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
6 Gurdwara Road	Ottawa	Ont	K1A1S1A3	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
450 Churchill Ave - North	Ottawa	Lot 10.11	
County/District/Municipality	City/Town/Village	Province	Postal Code
Ottawa Carleton	Ottawa	Ontario	
UTM Coordinates Zone Easting Northing	Municipal Plan and Sublot Number	Other	
NAD 83 184410775026557	Plan 204		

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
dark brown	sand		Silty sand	0	2.67
			Concrete	2.67	3.05
grey			Limestone Bedrock	3.05	7.95
1 well installed					

Annular Space			
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)	
From	To		
0	3.70 bentonite pellets	1/2 pail	
3.70	7.95 filter sand	1/2 bag	

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	<input checked="" type="checkbox"/> Diamond <input type="checkbox"/> Jetting <input type="checkbox"/> Driving <input type="checkbox"/> Digging <input type="checkbox"/> Public <input type="checkbox"/> Commercial <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <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	
3.5	plastic	0.3	0	4.25	<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 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
4.1	plastic	10	4.25	7.95

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	3.10
		3.10	7.95
			5.6

Well Contractor and Well Technician Information	
Business Name of Well Contractor	Well Contractor's Licence No.
OGS INC	6191614
Business Address (Street Number/Name)	Municipality
5518 Appleton Side Road	Almonte
Province	Postal Code
Ontario	K0A1A0
Business E-mail Address	
oasinc@bellnet.ca	

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)	Date Submitted
613/2567666	Echlin, Chad	2010/11/06
Well Technician's Licence No.	Signature of Technician and/or Contractor	
312199		

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	

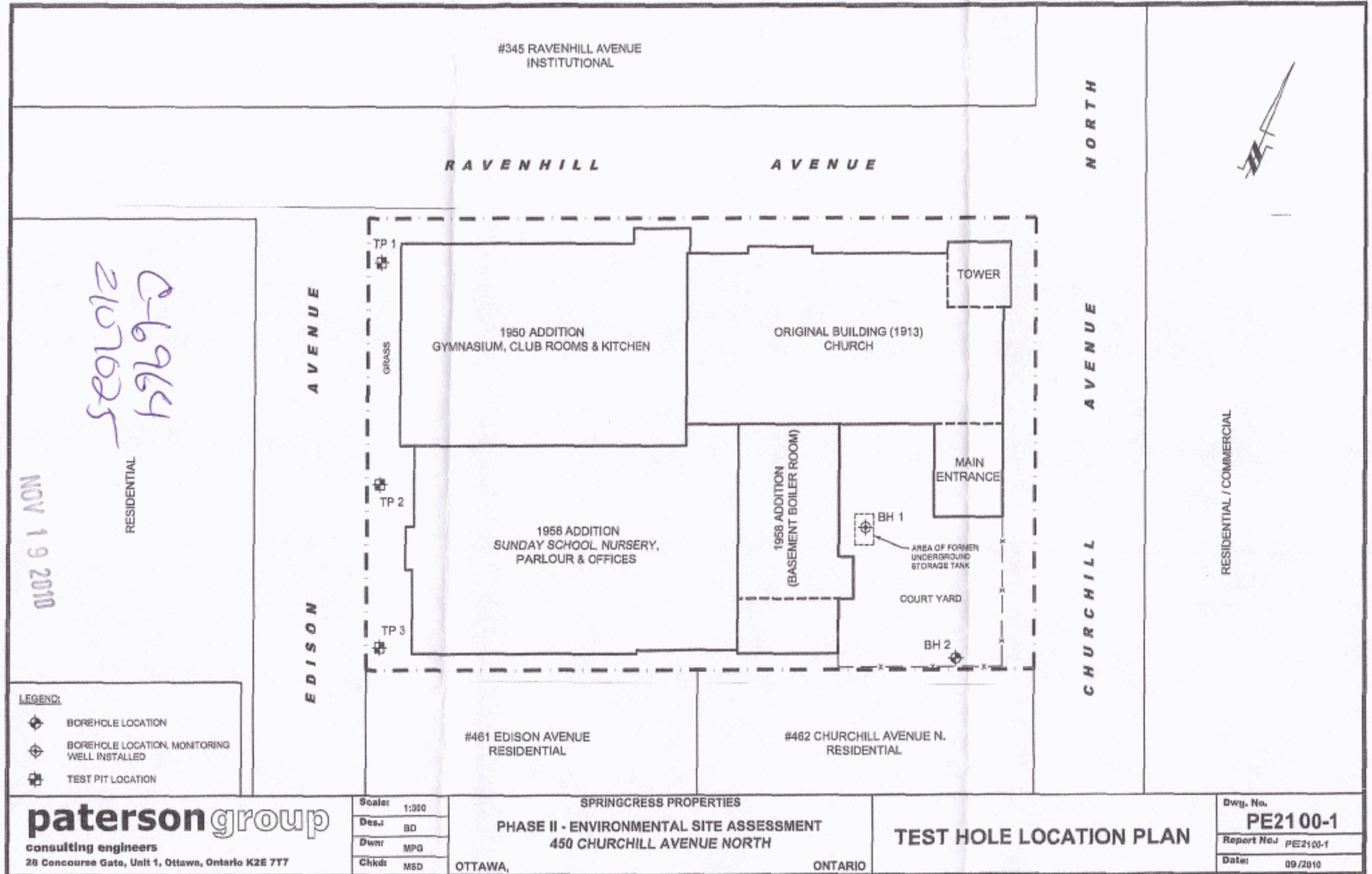
Map of Well Location

Please provide a map below following instructions on the back.

Site plan and area map are enclosed.

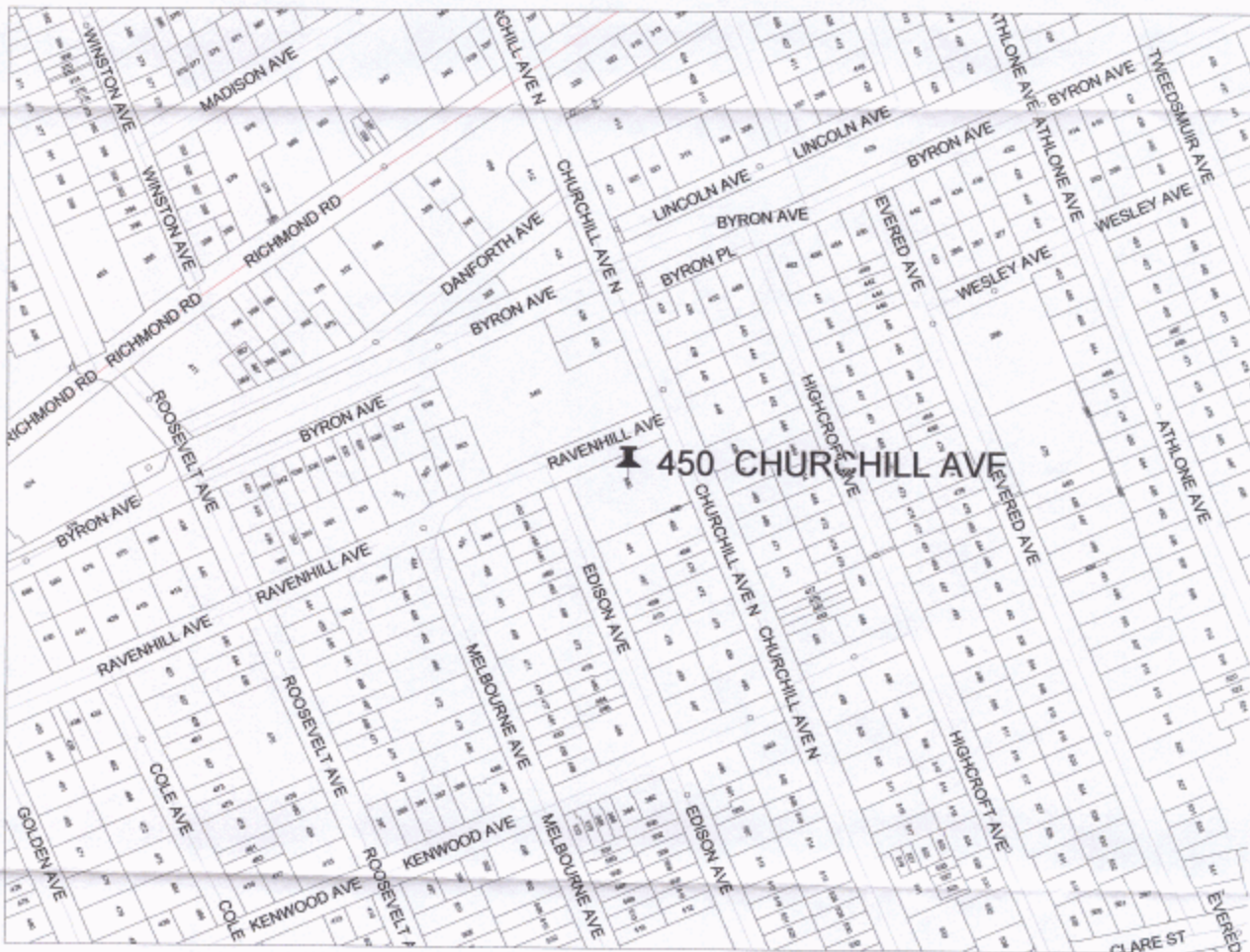
Well owner's information package delivered	Date Package Delivered	Ministry Use Only Audit No. Z107025 NOV 19 2010 Received
<input type="checkbox"/> Yes <input type="checkbox"/> No	Y Y Y Y M M D D	
	Date Work Completed	
	2010/09/15	

Ottawa

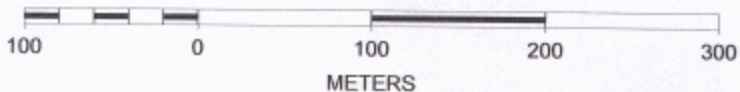


Ottawa

- Roads
- Transportation
- Property
 - Property Parcels
- Surface Water
- Boundaries



SCALE 1 : 4,537



C-6969
210705-

NOV 19 2010



Ministry of the Environment

We A108243 (int Below) A108243

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: [x] Metric [] Imperial

Page 1 of 2

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. Includes handwritten entries for sand, concrete, and limestone bedrock.

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³). Includes handwritten entries for bentonite pellets and filter sand.

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level). Includes handwritten entries for pumping rate and duration.

Method of Construction and Well Use checkboxes. Includes options like Cable Tool, Rotary, Boring, etc.

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To. Includes handwritten entries for plastic casing.

Map of Well Location section with instructions: 'Please provide a map below following instructions on the back.'

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

Handwritten note: 'Site plan and area Map are enclosed.'

Water Details and Hole Diameter tables. Includes columns for Water found at Depth, Kind of Water, Depth (m/ft) From, To, Diameter (cm/in).

Well Contractor and Well Technician Information section. Includes Business Name of Well Contractor, Well Contractor's Licence No., Business Address, Municipality, Province, Postal Code, Business E-mail Address, Name of Well Technician, Last Name, First Name, Well Technician's Licence No., Signature of Technician and/or Contractor, Date Submitted.

Comments section for additional notes.

Bottom section of the form with additional fields for Well Contractor and Well Technician information.

Ministry Use Only section with fields for Audit No., Date Work Completed, and Received date.



Ministry of the Environment

Well Record for Well Cluster - Part 1 of 3 (Only for Multiple Test Holes or Dewatering Wells) Regulation 903 Ontario Water Resources Act

All measurements recorded in: [x] Metric [] Imperial

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

Well Tag No. A108243, Well # on Drawing of Deepest Well: MW2 5.28 meters

Well Cluster Location Information: Address of Well Location (Street Number(s)/Name(s), RR, if available) 401 Richmond Road, Lot(s) 1 & 2, Concession(s), Geographic Township Ottawa, County/District/Upper Tier Municipality Ottawa Carleton, City, Town, Village or Hamlet Ottawa, Province Ontario, GPS Unit Make Magellan, Model, Unit Mode of Operation [x] Undifferentiated [] Averaged

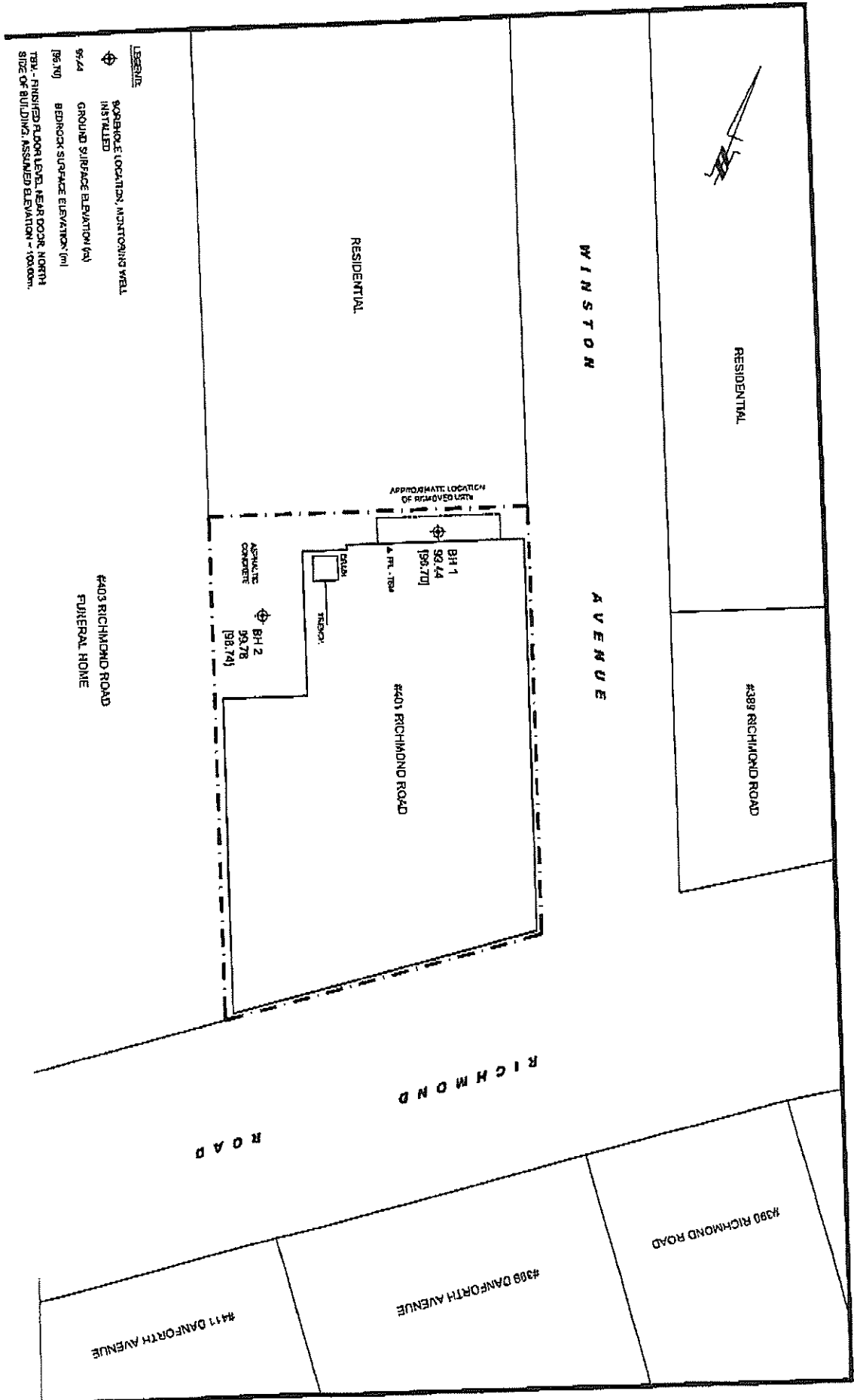
Mandatory Attachments/Additional Information: [x] Land Owner Consent Form must be attached. [x] Detailed Drawing of All Well Locations must be attached. I, the person constructing the well, will promptly submit to the Director, on request, any additional information in my custody or control related to any well in the well cluster that I have constructed. Signature of Technician/Contractor, Date (yyyy/mm/dd)

Well Details table with columns: Well # on Drawing, UTM Coordinates (Zone, Easting, Northing), Hole Depth (m/ft), Hole Diameter (cm/in), Method of Construction, Casing Material; Diameter (cm/in), Casing (m/ft) (From, To), Screen Interval (m/ft) (From, To), Annular Space Material (m/ft) (From, To), Material, Overburden/Bedrock or Abandonment Filing Material Intervals (m/ft), Static Water Level (m/ft), Date of Completion (yyyy/mm/dd). Rows include MW1 and MW2.

Well Contractor and Well Technician Information: Business Name of Well Contractor OGS INC., Business Address (Street Number/Name, RR) 5518 Appleton Side Rd, Municipality Almonte, Province ONT, Postal Code K0A1A0, Bus. Telephone No. 613-256-7666, Well Contractor's Licence No. 6964, Business E-mail Address ogsinc@bellnet.ca, Name of Well Technician (First Name, Last Name) Mike Turgeon, Well Technician's Licence No. 3635, Signature of Well Technician, Date Submitted (yyyy/mm/dd) 2012/05/10

Date First Well in Cluster Constructed or Abandoned (yyyy/mm/dd) 2011/08/09, Date Last Well in Cluster Completed (yyyy/mm/dd) 2011/08/09, Well Abandonment: Person Abandoning the Wells: Name (Print or Type) - See instruction 11 on the back of this form

Ministry Use Only: Date Received (yyyy/mm/dd) MAY 17 2012, Audit No. C 16690, Comments: ZIS (BT)



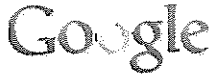
LEGEND

- ⊕ SPHERULE LOCATION, MONITORING WELL INSTALLED
- 96.64 GROUND SURFACE ELEVATION (m)
- 96.70 BEDROCK SURFACE ELEVATION (m)
- TRV - FINISHED FLOOR LEVEL, NEAR DOOR, NORTH SIDE OF BUILDING, ASSUMED ELEVATION - 100.00m

Z135(670)

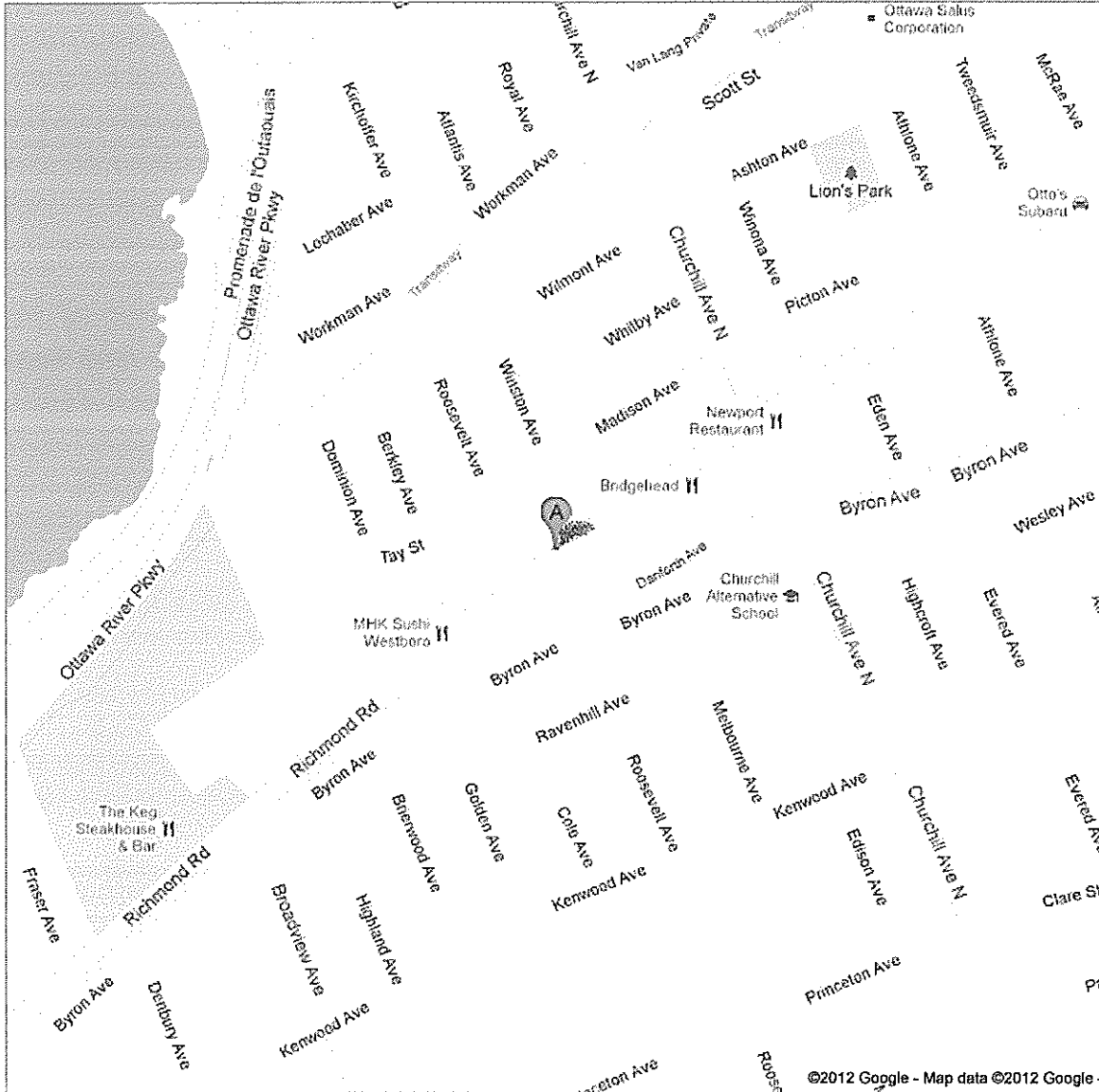
C6964
C16690

MAY 17 2012



Address 401 Richmond Rd
Ottawa, ON K2A 0E7, Canada

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



©2012 Google - Map data ©2012 Google

2134670 C6964 MAY 17 2012
C16690



Measurements recorded in: Metric Imperial

Well Owner's Information

First Name, Last Name / Organization (Churchill Alternative School), E-mail Address, Mailing Address (345 Ravenhill Ave.), Municipality (Ottawa), Province (Ontario), Postal Code (K2A 0J5), Telephone No. (613 596 8762)

Well Location

Address of Well Location (345 Ravenhill Ave. Well #3), Township (Ottawa), Lot (345), County/District/Municipality (Ottawa Carleton), City/Town/Village (Ottawa), Province (Ontario), UTM Coordinates (NAD 83 18 441053 5026604)

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 (Cable Tool, Rotary, Boring, etc.)

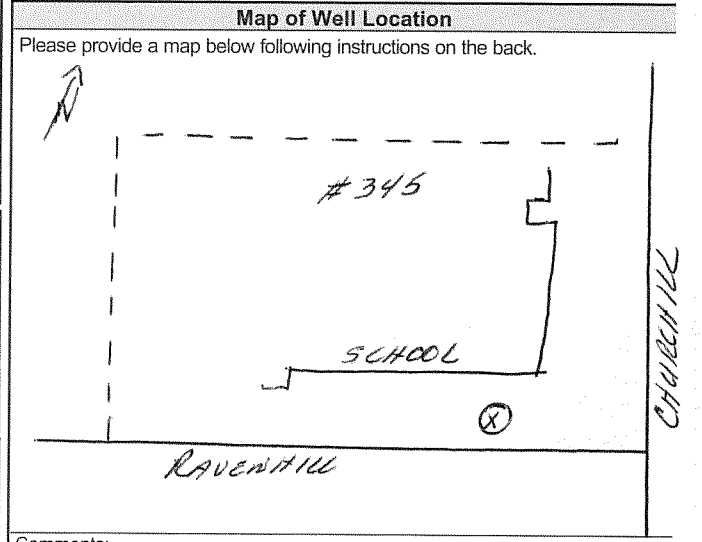
Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth (m/ft) From, To, Status of Well

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

Water Details and Hole Diameter tables with columns for depth, kind of water, and diameter

Well Contractor and Well Technician Information (Capital Water Supply Ltd., Stittsville, Stephen Miller)

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



Comments:

Well owner's information package delivered (Yes/No), Date Package Delivered, Date Work Completed, Ministry Use Only Audit No. (Z 172517)



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 (m/ft) From, To; Type of Sealant Used; Volume Placed

Results of Well Yield Testing: After test of well yield, water was; Draw Down, Recovery; 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: Cable Tool, Rotary, Boring, Air percussion, Diamond, Jetting, Digging, Public, Commercial, Not used, Domestic, Municipal, Dewatering, Livestock, Test Hole, Monitoring, Irrigation, Cooling & Air Conditioning, Industrial, Other

Construction Record - Casing: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth (m/ft) From, To; Status of Well: Water Supply, Replacement Well, Test Hole, Recharge Well, Dewatering Well, Observation and/or Monitoring Hole, Alteration (Construction), Abandoned, Insufficient Supply, Abandoned, Poor Water Quality, Abandoned, other, specify

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

Water Details, Hole Diameter: Water found at Depth, Kind of Water, Depth (m/ft) From, To, Diameter (cm/in)

Well Contractor and Well Technician Information: Business Name of Well Contractor, Well Contractor's Licence No., Business Address, Municipality, 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

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

Well owner's information package delivered, Date Package Delivered, Date Work Completed, Ministry Use Only: Audit No., Z 172516, Received



Measurements recorded in: Metric Imperial

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: Depth Set at (m/ft) From, To; Type of Sealant Used; Volume Placed (m³/ft³)

Results of Well Yield Testing: After test of well yield, water was; Draw Down (Time, Water Level); Recovery (Time, Water Level); 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: Cable Tool, Rotary, Boring, etc.; Well Use: Public, Commercial, Not used, etc.

Construction Record - Casing: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth; Status of Well: Water Supply, Replacement Well, etc.

Construction Record - Screen: Outside Diameter, Material, Slot No., Depth; Status of Well: Abandoned, Insufficient Supply, etc.

Water Details: Water found at Depth, Kind of Water; Hole Diameter: Depth, Diameter

Well Contractor and Well Technician Information: Business Name, Licence No., Business Address, Municipality, Province, Postal Code, Business E-mail Address, Name of Well Technician, Signature, Date Submitted

Map of Well Location: Please provide a map below following instructions on the back. Includes handwritten annotations: UNAEK DECK, FIRE ROUTE, # 345, RAVENHILL, CHURCHILL

Comments; Well owner's information package delivered; Date Package Delivered; Date Work Completed; Ministry Use Only: Audit No. Z 172518, Received: MAR 21 2013

Measurements recorded in: [X] 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 (m/ft) From, To; 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

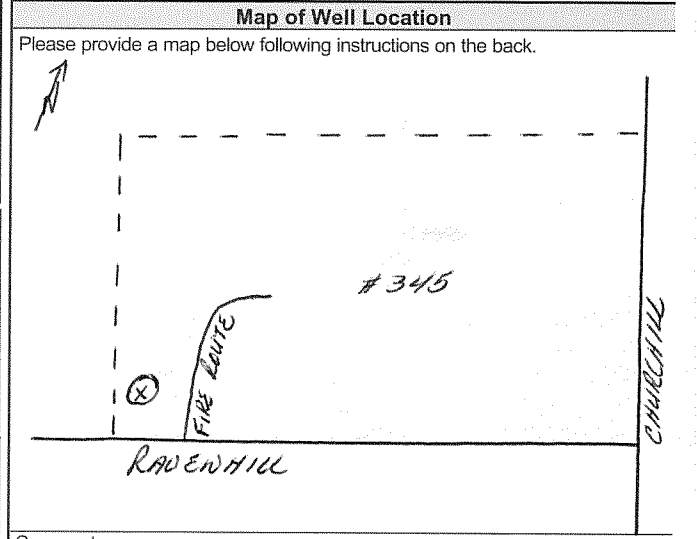
Method of Construction, Well Use: Cable Tool, Rotary, Boring, etc.

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

Construction Record - Screen: Outside Diameter, Material, Slot No., Depth, Status of Well

Water Details, Hole Diameter: Water found at Depth, Kind of Water, Depth, Diameter

Well Contractor and Well Technician Information: Business Name, Licence No., Business Address, Municipality, Province, Postal Code, Business E-mail Address



Well Technician's Licence No., Signature of Technician and/or Contractor, Date Submitted

Well owner's information package delivered, Date Package Delivered, Date Work Completed, Ministry Use Only Audit No. Z 172519

Mandy Witteman

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: October 6, 2021 11:01 AM
To: Mandy Witteman
Subject: RE: Search records request (PE5433)

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at <https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid=392> and email the completed form to publicinformationsservices@tssa.org along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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,

Mariah



Public Information Agent

Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationsservices@tssa.org
www.tssa.org



From: Mandy Witteman

<MWitteman@patersongroup.ca>

Sent: October 6, 2021 9:31 AM

To: Public Information Services <publicinformationsservices@tssa.org>

Subject: Search records request (PE5433)

[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 morning

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:**

Lower Byron Ave: 522, 518, 526, 528, 530

Ravenhill Ave E: 363, 365, 367, 374, 381

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

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Office Use Only

Application Number: _____	Ward Number: _____	Application Received: (dd/mm/yyyy): _____
Client Service Centre Staff: _____	Fee Received: \$	<input type="text"/>



Historic Land Use Inventory

Application Form

Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning Infrastructure and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

Background Information

***Site Address or Location:**

** Mandatory Field*

Applicant/Agent Information:

Name:	<input type="text" value="Mandy Witteman"/>		
Mailing Address:	<input type="text" value="154 Colonnade Road SouthOttawa, Ontario, K2E 7J5"/>		
Telephone:	<input type="text" value="403-921-1157"/>	Email Address:	<input type="text" value="MWitteman@Patersongroup.ca"/>

Registered Property Owner Information:

Same as above

Name:	<input type="text" value="Loredana Porcari (SerCo Realty)."/>		
Mailing Address:	<input type="text" value="9 Capella Court , Ottawa ON"/>		
Telephone:	<input type="text" value="613.226.2221"/>	Email Address:	<input type="text" value="Loredana Porcari <l.porcari@sercorealty.com>"/>

Site Details

Legal Description
and PIN:

What is the land
currently used for?

Lot frontage: m Lot depth: m Lot area: _____ m²

OR Lot area: (irregular lot) m²

Does the site have Full Municipal Services: Yes No

Required Fees

Please don't hesitate to visit the [Historic Land Use Inventory website](#) more information. Fees must be paid in full at the time of application submission.

Planning Fee

\$128.00

Submittal Requirements

The following are required to be submitted with this application:

- 1. Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
- 2. Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Infrastructure and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
- 3. A site plan or key plan of the property, its location and particular features.**
- 4. Any significant dates or time frames that you would like researched.**

Disclaimer
For use with HLUI Database

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to Paterson Group Inc. ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.
2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
4. Copyright is reserved to the City.
5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed:  _____

Dated (dd/mm/yyyy): 13/09/2021

Per: Mandy Witteman
(Please print name)

Title: Environmental Consultant

Company: Paterson Group Inc.

patersongroup

Consulting Engineers

September 13, 2021
File: PE5433 -HLUI

154 Colonnade Road South
Ottawa, Ontario
Canada, K2E 7J5
Tel: (613) 226-7381
Fax: (613) 226-6344

City of Ottawa
110 Laurier Avenue W
Ottawa, Ontario
K1P 1J1

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science
Archaeological Services

Subject: **Authorization Letter, HLUI Search
Phase I-Environmental Site Assessment
522 Lower Byron Ave, Ottawa, ON**

www.patersongroup.ca

Dear Sir/Madame

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:

522 Lower Byron Inc.

Name of Representative

Loredana Forcari

Signature of Representative



Date

Sept 13, 2021



DATABASE REPORT

Project Property: *PE543x- 522 Lower Byron Avenue
PE543x- 522 Lower Byron Avenue
Ottawa ON K2A 0E3*

Project No: *32356*

Report Type: *Standard Report*

Order No: *21082700363*

Requested by: *Paterson Group Inc.*

Date Completed: *September 1, 2021*

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Executive Summary

Property Information:

Project Property: PE543x- 522 Lower Byron Avenue
PE543x- 522 Lower Byron Avenue Ottawa ON K2A 0E3

Project No: 32356

Coordinates:

Latitude: 45.3903617
Longitude: -75.7547634
UTM Northing: 5,026,593.17
UTM Easting: 440,918.44
UTM Zone: 18T

Elevation: 229 FT
69.86 M

Order Information:

Order No: 21082700363
Date Requested: August 27, 2021
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	4	4
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	1	1
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<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
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	5	5
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	2	2
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	45	45
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	4	4
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	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	79	79
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	2	2
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	6	6
PINC	<i>Pipeline Incidents</i>	Y	0	1	1
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	2	2
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	2	2
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	7	7
SPL	<i>Ontario Spills</i>	Y	0	13	13
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	13	13
Total:			0	192	192

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>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	SPL	PRIVATE RESIDENCE	518 BYRON AVE. STORAGE TANK/BARREL OTTAWA CITY ON K2A 0E3	E/20.0	0.30	44
2	GEN	First General Services (URA)	528 Byron St Ottawa ON K2A 0E3	WSW/27.7	-0.02	44
3	WWIS		345 RAVENHURST AVE. WELL #1 Ottawa ON Well ID: 7218236	SSE/31.5	1.11	44
4	WWIS		345 RAVENHURST AVE. WELL #2 Ottawa ON Well ID: 7218235	E/36.6	1.04	46
5	EHS		Byron Ottawa ON	NE/42.4	-0.15	48
6	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	NNW/53.7	-0.55	48
6	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	NNW/53.7	-0.55	49
6	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	NNW/53.7	-0.55	49
7	WWIS		388 RICHMOND ROAD OTTAWA ON Well ID: 7303998	WNW/73.5	-1.02	49
8	WWIS		388 RICHMOND ROAD OTTAWA ON Well ID: 7303999	WNW/80.7	-1.02	52
9	WWIS		380 RICHMOND ROAD OTTAWA ON Well ID: 7198182	NW/84.2	-1.02	54
10	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON	NE/84.9	-0.02	58

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	NE/84.9	-0.02	58
10	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	NE/84.9	-0.02	58
10	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	NE/84.9	-0.02	59
11	SPL	BANK OF NOVA SCOTIA	388 RICHMOND ROAD BRANCH 388 RICHMOND ST, OTTAWA OTTAWA CITY ON K2A 0E8	WNW/85.7	-1.02	59
11	SPL	PRIVATE BUSINESS	388 RICHMOND RD. OTTAWA BANK OF NOVA SCOTIA STORAGE TANK OTTAWA CITY ON K2A 0E8	WNW/85.7	-1.02	60
11	SPL	PRIVATE BUSINESS	BANK OF NOVA SCOTIA, 388 RICHMOND ST STORAGE TANK OTTAWA CITY ON K2A 0E8	WNW/85.7	-1.02	60
11	SPL		388 Richmond Rd. Ottawa ON K2A 0E8	WNW/85.7	-1.02	61
11	EHS		388 Richmond Rd Ottawa ON K2A0E8	WNW/85.7	-1.02	61
11	WWIS		388 RICHMOND RD OTTAWA ON <i>Well ID: 7305578</i>	WNW/85.7	-1.02	61
12	SPL	PRIVATE RESIDENCE	HOME AT 389 DANFORTH AVE FURNACE OIL TANK FURNACE OIL TANK OTTAWA CITY ON K2A 0E1	W/91.6	-1.04	64
13	GEN	JOSEPH C. GAFFNEY	372 RICHMOND ROAD OTTAWA ON K2A 0E8	NNW/98.3	-0.99	65
13	GEN	JOSEPH C. GAFFNEY 22-433	372 RICHMOND ROAD OTTAWA ON K2A 0E8	NNW/98.3	-0.99	65

<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>
14	SPL		386 Richmond Rd S21 RESIDENCE<UNOFFICIAL> Ottawa ON K2A 0E8	WNW/99.2	-0.93	65
14	EHS		386 Richmond Rd Ottawa ON K2A0E8	WNW/99.2	-0.93	66
14	EHS		386 Richmond Rd Ottawa ON K2A0E8	WNW/99.2	-0.93	66
14	GEN	Ottawa Carleton Construction Group Ltd.	386 Richmond Road Ottawa ON K2A 0E8	WNW/99.2	-0.93	66
15	SPL	Enbridge Gas Distribution Inc.	433 Roosevelt Ave. Ottawa ON	WSW/102.6	-0.09	66
15	PINC	ENBRIDGE GAS INC	433 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Z4,CA ON	WSW/102.6	-0.09	67
16	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON	N/113.1	-1.00	67
16	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	N/113.1	-1.00	68
16	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	N/113.1	-1.00	68
16	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	N/113.1	-1.00	68
16	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	N/113.1	-1.00	68
16	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	N/113.1	-1.00	69
16	GEN	Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	N/113.1	-1.00	69

<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>
16	GEN	Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	N/113.1	-1.00	69
16	PES	MOUNTAIN EQUIPMENT CO- OPERATIVE	366 RICHMOND RD OTTAWA ON K2A 0E8	N/113.1	-1.00	70
16	PES	MEC MOUNTAIN EQUIPMENT COMPANY LTD.	366 RICHMOND RD OTTAWA ON K2A 0E8	N/113.1	-1.00	70
16	EHS		366 Richmond Rd Ottawa ON K2A 0E8	N/113.1	-1.00	71
16	EHS		366 Richmond Rd Ottawa ON K2A 0E8	N/113.1	-1.00	71
16	EHS		366 Richmond Rd Ottawa ON K2A 0E8	N/113.1	-1.00	71
17	EHS		349 Danforth Avenue Ottawa ON K2A 0E1	NNE/113.8	-0.30	71
17	EHS		349 Danforth Avenue Ottawa ON K2A 0E1	NNE/113.8	-0.30	71
17	EHS		349 Danforth Avenue Ottawa ON K2A 0E1	NNE/113.8	-0.30	72
17	EHS		349 Danforth Avenue Ottawa ON K2A 0E1	NNE/113.8	-0.30	72
17	EHS		349 Danforth Avenue Ottawa ON K2A 0E1	NNE/113.8	-0.30	72
17	EHS		349 Danforth Avenue Ottawa ON K2A 0E1	NNE/113.8	-0.30	72
17	EHS		349 Danforth Avenue Ottawa ON K2A 0E1	NNE/113.8	-0.30	72

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	EHS		380 Richmond Rd Ottawa ON K2A 0E8	NW/114.1	-0.93	73
19	GEN	VELO SPORTABLE CYCLE	358 RICHMOND ROAD OTTAWA ON K2A 0E8	NNE/119.9	-1.02	73
19	GEN	1534244 Ontario Inc	358 Richmond Road Ottawa ON	NNE/119.9	-1.02	73
20	CA	OTTAWA CITY	BYRON AVE./ROOSEVELT AVE. OTTAWA CITY ON	W/124.1	-1.09	74
21	MNR	SAMPLE 23	ON	ESE/129.6	2.42	74
21	MNR	HIGHLAND PARK	ON	ESE/129.6	2.42	75
22	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE/129.6	0.84	75
22	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE/129.6	0.84	75
22	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE/129.6	0.84	76
22	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE/129.6	0.84	76
22	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON	ENE/129.6	0.84	76
22	WWIS		345 RAVENHURST AVE. WELL #4 Ottawa ON Well ID: 7218229	ENE/129.6	0.84	77
22	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE/129.6	0.84	79

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE/129.6	0.84	79
22	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE/129.6	0.84	79
22	GEN	Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE/129.6	0.84	80
22	GEN	Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE/129.6	0.84	80
22	GEN	Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE/129.6	0.84	80
23	EHS		411 Roosevelt Avenue Ottawa ON K2A 3X9	W/132.5	-2.05	81
23	GEN	DISTRICT REALTY	411 ROOSEVELT AVENUE OTTAWA ON K2A3X9	W/132.5	-2.05	81
24	WWIS		345 RAVENHURST AVE. WELL #3 Ottawa ON Well ID: 7218228	E/135.0	1.92	81
25	EHS		424 Churchill Avenue Ottawa ON K1Z 5C8	ENE/135.9	-0.12	83
25	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1N 6B5	ENE/135.9	-0.12	83
25	GEN	LAUNDRY LAND 24-215	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE/135.9	-0.12	84
25	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE/135.9	-0.12	84
25	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE/135.9	-0.12	84

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE/135.9	-0.12	84
25	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE/135.9	-0.12	85
25	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE/135.9	-0.12	85
25	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON	ENE/135.9	-0.12	85
25	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE/135.9	-0.12	86
25	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE/135.9	-0.12	86
25	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE/135.9	-0.12	86
25	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE/135.9	-0.12	86
25	CDRY	Laundry Land Cleaning	424 Churchill Ave N Ottawa ON K1Z5C8	ENE/135.9	-0.12	87
25	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE/135.9	-0.12	87
25	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE/135.9	-0.12	87
25	EHS		424 Churchill Avenue North Ottawa ON K1Z 5C8	ENE/135.9	-0.12	88
26	PES	DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A 0E8	NNE/137.4	-1.02	88

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
26	EHS		356 Richmond Road Ottawa ON K2A 0E8	NNE/137.4	-1.02	88
26	EHS		356 Richmond Road Ottawa ON	NNE/137.4	-1.02	88
26	PES	DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A0E7	NNE/137.4	-1.02	89
27	RSC	Mr. Arnold Midgley, The Trustees of Kitchissippi United Church	450 Churchill Avenue North, Ottawa, Ontario, K1Z 5E2 ON K1Z 5E2	ESE/139.9	2.49	89
28	WWIS		388 RICHMOND RD OTTAWA ON <i>Well ID: 7305577</i>	NNW/147.3	-1.88	89
29	SCT	Simply Wood Furnishings Ltd.	393A Richmond Rd Ottawa ON K2A 0E9	WNW/150.4	-2.04	92
29	GEN	Mike Steinberg	393-401 Richmond Road Ottawa ON K2A 0E9	WNW/150.4	-2.04	93
29	SCT	Simply Wood Furnishings	393A Richmond Rd Ottawa ON K2A 0E9	WNW/150.4	-2.04	93
30	EHS		354 Richmond Road Ottawa ON K2A 0E8	NNE/153.6	-1.07	93
30	GEN	PEARL CLEANERS	354B RICHMOND ROAD OTTAWA ON K2A 0E8	NNE/153.6	-1.07	93
31	GEN	ALBERT & SON ENGRAVERS	412B CHURCHILL AVE. OTTAWA ON K1Z 5C6	NE/158.8	-0.12	94
32	EHS		412 Churchill Ave Ottawa ON	NE/158.9	-0.12	94
32	EHS		412 Churchill Avenue Ottawa ON K1V 8Y5	NE/158.9	-0.12	94

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
32	SPL	Enbridge Gas Distribution Inc.	412 & 414 Churchill Ave. Ottawa ON	NE/158.9	-0.12	95
32	INC		412 & 414 Churchill Avenue, Ottawa ON	NE/158.9	-0.12	95
33	WWIS		450 CHURCHILL AVENUE NORTH Ottawa ON <i>Well ID: 7154750</i>	E/162.6	2.99	96
34	EHS		439 Churchill Avenue North Ottawa ON K1Z 5E1	E/169.8	1.82	99
35	PES	J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396	410 RICHMOND ROAD OTTAWA ON K2A 0G2	W/171.1	-2.71	99
35	PES	J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396	410 RICHMOND ROAD OTTAWA ON K2A4C4	W/171.1	-2.71	99
35	GEN	J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	W/171.1	-2.71	100
35	GEN	J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	W/171.1	-2.71	100
35	GEN	J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	W/171.1	-2.71	100
35	GEN	J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	W/171.1	-2.71	101
35	GEN	J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	W/171.1	-2.71	101
36	SPL	PRIVATE OWNER	454 ROOSEVELT STORAGE TANK/BARREL OTTAWA CITY ON K2A 1Z6	SW/171.2	-0.13	101
37	GEN	TUBMAN FUNERAL HOMES	403 RICHMOND RD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	102

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
37	GEN	TUBMAN FUNERAL HOMES 44-171	403 RICHMOND RD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	102
37	GEN	TUBMAN FUNERAL HOMES	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	102
37	GEN	J.A. TUBMAN FUNERAL HOMES LIMITED	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	103
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	103
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	103
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	104
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	104
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	104
37	EHS		403 Richmond Rd Ottawa ON K2A0E9	WNW/171.5	-2.25	105
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON	WNW/171.5	-2.25	105
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	105
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	105
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	106

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	106
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	106
37	EHS		403 Richmond Road Ottawa ON K2A 0E9	WNW/171.5	-2.25	107
37	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW/171.5	-2.25	107
37	EHS		403 Richmond Road Ottawa ON K2A 0E9	WNW/171.5	-2.25	107
37	EHS		403 Richmond Road Ottawa ON K2A 0E9	WNW/171.5	-2.25	107
38	SPL		415 Ravenhill Avenue Ottawa ON	WSW/172.9	0.03	108
39	EHS		397 and 399 Winston Avenue Ottawa ON K2A 1Y8	NW/175.6	-1.99	108
39	EHS		397 and 399 Winston Avenue Ottawa ON K2A 1Y8	NW/175.6	-1.99	108
39	EHS		397 and 399 Winston Avenue Ottawa ON K2A 1Y8	NW/175.6	-1.99	108
40	SPL	ESSO PETROLEUM CANADA	ON SIDE OF ROAD BETWEEN 566 AND 570 BYRON TANK TRUCK (CARGO) OTTAWA CITY ON	WSW/176.6	-1.55	109
41	GEN	561391 Ontario Inc.	350 Richmond Road Ottawa ON K2A 0E8	NNE/177.5	-0.99	109
42	SCT	DOUBLE L PRINTERS	416 RICHMOND RD OTTAWA ON K2A 0G2	W/180.0	-2.69	109

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
42	SCT	Double L Printers - Div. of 595511 Ontario Inc.	416 Richmond Rd Ottawa ON K2A 0G2	W/180.0	-2.69	110
43	GEN	AL PARSONS (OUT OF BUSINESS)	376 MADISON AVE. OTTAWA ON K2A 0B7	NW/181.2	-2.01	110
43	GEN	AL PARSONS (OUT OF BUSINESS) 02-233	376 MADISON AVE. OTTAWA ON K2A 0B7	NW/181.2	-2.01	110
44	SCT	BlackCherry Digital Media Inc.	346 Richmond Rd Suite 210 Ottawa ON K2A 0E8	NNE/182.0	-0.99	110
45	EHS		401 Richmond Road Ottawa ON K2A 0E9	WNW/184.6	-3.10	111
45	WWIS		401 RICHMOND RD Ottawa ON Well ID: 7180984	WNW/184.6	-3.10	111
46	GEN	WESTBOROUGH PHARMASAVE	340 RICHMOND ROAD OTTAWA ON K2A 0E8	NNE/185.7	-0.99	114
46	GEN	WESTBORO PHARMACY LTD	WESTBORO PHARMACY LIMITED 340 RICHMOND ROAD OTTAWA ON K2A 0E8	NNE/185.7	-0.99	114
47	GEN	Westminster Presbyterian Church	470 Roosevelt Avenue Ottawa ON K2A 1Z6	SW/189.8	-0.03	115
48	RSC	Bourk's Property Management Limited	575 BYRON AVE, OTTAWA, ON, K2A 4C4 ON K2A 4C4	WSW/191.0	-2.17	115
48	GEN	Burke Family Properties	575 Byron Ave Ottawa ON K2A 4C4	WSW/191.0	-2.17	116
49	SCT	Entomological Society of Cda	393 Winston Ave Ottawa ON K2A 1Y8	NW/196.0	-2.46	116
50	GEN	Tall Tree Technologies Inc.	422 B Richmond Rd Ottawa ON K2A 0G2	W/196.1	-2.99	117

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
51	HINC		343 RICHMOND ROAD Ottawa ON K2A 0E7	NNE/200.0	-1.01	117
52	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	WSW/202.5	-1.94	117
52	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	WSW/202.5	-1.94	118
52	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	WSW/202.5	-1.94	118
52	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	WSW/202.5	-1.94	118
52	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	WSW/202.5	-1.94	118
52	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	WSW/202.5	-1.94	118
53	EHS		345 Richmond Road Ottawa ON K2A 0E7	NNE/206.4	-1.01	118
54	EHS		Richmond Rd Churchill Ave N Ottawa ON	NNE/212.8	-0.99	119
55	EHS		332 and 334 Richmond Road Ottawa ON	NE/213.6	-1.12	119
56	CA		Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON	WSW/214.6	-1.94	119
56	CA		Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON	WSW/214.6	-1.94	119
57	EHS		337 Richmond Road Ottawa ON K2A 0E7	NNE/215.8	-1.31	120
58	WWIS		324 RICHMOND ROAD Ottawa ON <i>Well ID: 7295754</i>	NE/217.1	-0.08	120

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
59	ECA	Bourke Family Development Inc.	430 Richmond Road/Relocation storm sewer on Byron Avenue Ottawa ON K2P 1L5	W/217.6	-2.99	123
60	SPL	FRANCIS FUELS	461 COLE AVE, ROADWAY IN FRONT OF TANK TRUCK (CARGO) OTTAWA CITY ON K2A 2B1	SW/222.4	-0.06	123
61	EHS		389 Roosevelt Ave Ottawa ON K2A1Y9	WNW/224.3	-2.91	124
62	CA	Uniform Urban Developments Ltd.	488 Edison Avenue Ottawa ON K2A 1T9	SE/224.8	3.92	124
62	ECA	Uniform Urban Developments Ltd.	488 Edison Avenue Ottawa ON K2G 5X3	SE/224.8	3.92	124
63	PRT	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON K2A 4H1	W/231.0	-4.07	125
63	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON K2A 4H1	W/231.0	-4.07	125
63	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	W/231.0	-4.07	125
63	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	W/231.0	-4.07	125
63	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	W/231.0	-4.07	126
63	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	W/231.0	-4.07	126
63	EHS		415 Richmond Rd Ottawa ON K2A4H1	W/231.0	-4.07	126
63	EXP	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W/231.0	-4.07	127

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
63	EXP	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W/231.0	-4.07	127
63	EXP	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W/231.0	-4.07	127
63	EXP	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W/231.0	-4.07	128
63	FST	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W/231.0	-4.07	128
63	FST	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W/231.0	-4.07	129
63	FST	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W/231.0	-4.07	129
63	FST	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W/231.0	-4.07	130
64	WWIS		337 RICHMOND RD Ottawa ON <i>Well ID: 7171703</i>	NNE/231.9	-1.31	130
65	EHS		363 Madison Ave Ottawa ON K2A0B6	NNW/235.6	-3.09	133
66	SCT	Valberg Imaging	322 Richmond Rd Ottawa ON K1Z 6X6	NE/240.7	-0.08	133
66	EHS		322 Richmond Rd Ottawa ON K1Z6X6	NE/240.7	-0.08	133
67	PRT	BOURKS IGNITION LTD	426 RICHMOND RD OTTAWA ON K2A 0G2	W/242.8	-3.90	134

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 4 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>
Uniform Urban Developments Ltd.	488 Edison Avenue Ottawa ON K2A 1T9	SE	224.80	62

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA CITY	BYRON AVE./ROOSEVELT AVE. OTTAWA CITY ON	W	124.08	20
	Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON	WSW	214.56	56
	Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON	WSW	214.56	56

CDRY - Dry Cleaning Facilities

A search of the CDRY database, dated Jan 2004-Dec 2018 has found that there are 1 CDRY 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>
Laundry Land Cleaning	424 Churchill Ave N Ottawa ON K1Z5C8	ENE	135.85	25

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated May 31, 2021 has found that there are 5 DTNK 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>
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON K2A 4H1	W	230.97	63

DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	W	230.97	63
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	W	230.97	63
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	W	230.97	63
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	W	230.97	63

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jun 30, 2021 has found that there are 2 ECA 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>
Uniform Urban Developments Ltd.	488 Edison Avenue Ottawa ON K2G 5X3	SE	224.80	62

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Bourke Family Development Inc.	430 Richmond Road/Relocation storm sewer on Byron Avenue Ottawa ON K2P 1L5	W	217.58	59

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 45 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>
	439 Churchill Avenue North Ottawa ON K1Z 5E1	E	169.81	34

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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Byron Ottawa ON	NE	42.43	<u>5</u>
388 Richmond Rd Ottawa ON K2A0E8	WNW	85.71	<u>11</u>
386 Richmond Rd Ottawa ON K2A0E8	WNW	99.20	<u>14</u>
386 Richmond Rd Ottawa ON K2A0E8	WNW	99.20	<u>14</u>
366 Richmond Rd Ottawa ON K2A 0E8	N	113.15	<u>16</u>
366 Richmond Rd Ottawa ON K2A 0E8	N	113.15	<u>16</u>
366 Richmond Rd Ottawa ON K2A 0E8	N	113.15	<u>16</u>
349 Danforth Avenue Ottawa ON K2A 0E1	NNE	113.79	<u>17</u>
349 Danforth Avenue Ottawa ON K2A 0E1	NNE	113.79	<u>17</u>
349 Danforth Avenue Ottawa ON K2A 0E1	NNE	113.79	<u>17</u>
349 Danforth Avenue Ottawa ON K2A 0E1	NNE	113.79	<u>17</u>
349 Danforth Avenue Ottawa ON K2A 0E1	NNE	113.79	<u>17</u>
349 Danforth Avenue Ottawa ON K2A 0E1	NNE	113.79	<u>17</u>

349 Danforth Avenue Ottawa ON K2A 0E1	NNE	113.79	<u>17</u>
380 Richmond Rd Ottawa ON K2A 0E8	NW	114.14	<u>18</u>
411 Roosevelt Avenue Ottawa ON K2A 3X9	W	132.51	<u>23</u>
424 Churchill Avenue Ottawa ON K1Z 5C8	ENE	135.85	<u>25</u>
424 Churchill Avenue North Ottawa ON K1Z 5C8	ENE	135.85	<u>25</u>
356 Richmond Road Ottawa ON K2A 0E8	NNE	137.43	<u>26</u>
356 Richmond Road Ottawa ON	NNE	137.43	<u>26</u>
354 Richmond Road Ottawa ON K2A 0E8	NNE	153.59	<u>30</u>
412 Churchill Ave Ottawa ON	NE	158.88	<u>32</u>
412 Churchill Avenue Ottawa ON K1V 8Y5	NE	158.88	<u>32</u>
403 Richmond Rd Ottawa ON K2A0E9	WNW	171.51	<u>37</u>
403 Richmond Road Ottawa ON K2A 0E9	WNW	171.51	<u>37</u>

403 Richmond Road Ottawa ON K2A 0E9	WNW	171.51	<u>37</u>
403 Richmond Road Ottawa ON K2A 0E9	WNW	171.51	<u>37</u>
397 and 399 Winston Avenue Ottawa ON K2A 1Y8	NW	175.62	<u>39</u>
397 and 399 Winston Avenue Ottawa ON K2A 1Y8	NW	175.62	<u>39</u>
397 and 399 Winston Avenue Ottawa ON K2A 1Y8	NW	175.62	<u>39</u>
401 Richmond Road Ottawa ON K2A 0E9	WNW	184.65	<u>45</u>
574/576 Byron Avenue Ottawa ON K2A 0E4	WSW	202.54	<u>52</u>
574/576 Byron Avenue Ottawa ON K2A 0E4	WSW	202.54	<u>52</u>
574/576 Byron Avenue Ottawa ON K2A 0E4	WSW	202.54	<u>52</u>
574/576 Byron Avenue Ottawa ON K2A 0E4	WSW	202.54	<u>52</u>
574/576 Byron Avenue Ottawa ON K2A 0E4	WSW	202.54	<u>52</u>
345 Richmond Road Ottawa ON K2A 0E7	NNE	206.43	<u>53</u>
Richmond Rd Churchill Ave N Ottawa ON	NNE	212.78	<u>54</u>

332 and 334 Richmond Road Ottawa ON	NE	213.63	55
337 Richmond Road Ottawa ON K2A 0E7	NNE	215.85	57
389 Roosevelt Ave Ottawa ON K2A1Y9	WNW	224.29	61
415 Richmond Rd Ottawa ON K2A4H1	W	230.97	63
363 Madison Ave Ottawa ON K2A0B6	NNW	235.65	65
322 Richmond Rd Ottawa ON K1Z6X6	NE	240.67	66

EXP - List of Expired Fuels Safety Facilities

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W	230.97	63
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W	230.97	63
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W	230.97	63
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W	230.97	63

FST - Fuel Storage Tank

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W	230.97	<u>63</u>
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W	230.97	<u>63</u>
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W	230.97	<u>63</u>
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	W	230.97	<u>63</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 79 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>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE	129.62	<u>22</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE	129.62	<u>22</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE	129.62	<u>22</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE	129.62	<u>22</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON	ENE	129.62	<u>22</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	ENE	129.62	<u>22</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE	129.62	<u>22</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE	129.62	<u>22</u>
Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE	129.62	<u>22</u>
Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE	129.62	<u>22</u>
Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	ENE	129.62	<u>22</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
First General Services (URA)	528 Byron St Ottawa ON K2A 0E3	WSW	27.74	<u>2</u>
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	NNW	53.74	<u>6</u>
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	NNW	53.74	<u>6</u>
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	NNW	53.74	<u>6</u>
Blyth Academy Ottawa	352 Danforth Ave Ottawa ON	NE	84.92	<u>10</u>

Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	NE	84.92	10
Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	NE	84.92	10
Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	NE	84.92	10
JOSEPH C. GAFFNEY	372 RICHMOND ROAD OTTAWA ON K2A 0E8	NNW	98.34	13
JOSEPH C. GAFFNEY 22-433	372 RICHMOND ROAD OTTAWA ON K2A 0E8	NNW	98.34	13
Ottawa Carleton Construction Group Ltd.	386 Richmond Road Ottawa ON K2A 0E8	WNW	99.20	14
Mountain Equipment Co-op	366 Richmond Road Ottawa ON	N	113.15	16
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	N	113.15	16
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	N	113.15	16
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	N	113.15	16
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	N	113.15	16
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	N	113.15	16
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	N	113.15	16
Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	N	113.15	16

Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	N	113.15	16
VELO SPORTABLE CYCLE	358 RICHMOND ROAD OTTAWA ON K2A 0E8	NNE	119.93	19
1534244 Ontario Inc	358 Richmond Road Ottawa ON	NNE	119.93	19
DISTRICT REALTY	411 ROOSEVELT AVENUE OTTAWA ON K2A3X9	W	132.51	23
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1N 6B5	ENE	135.85	25
LAUNDRY LAND 24-215	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON	ENE	135.85	25

LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE	135.85	25
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	ENE	135.85	25
Mike Steinberg	393-401 Richmond Road Ottawa ON K2A 0E9	WNW	150.44	29
PEARL CLEANERS	354B RICHMOND ROAD OTTAWA ON K2A 0E8	NNE	153.59	30
ALBERT & SON ENGRAVERS	412B CHURCHILL AVE. OTTAWA ON K1Z 5C6	NE	158.84	31
J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	W	171.14	35
J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	W	171.14	35
J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	W	171.14	35
J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	W	171.14	35

J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	W	171.14	35
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON	WNW	171.51	37
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES	403 RICHMOND RD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES 44- 171	403 RICHMOND RD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
J.A. TUBMAN FUNERAL HOMES LIMITED	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37

TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	WNW	171.51	37
561391 Ontario Inc.	350 Richmond Road Ottawa ON K2A 0E8	NNE	177.53	41
AL PARSONS (OUT OF BUSINESS)	376 MADISON AVE. OTTAWA ON K2A 0B7	NW	181.20	43
AL PARSONS (OUT OF BUSINESS) 02-233	376 MADISON AVE. OTTAWA ON K2A 0B7	NW	181.20	43
WESTBOROUGH PHARMASAVE	340 RICHMOND ROAD OTTAWA ON K2A 0E8	NNE	185.71	46
WESTBORO PHARMACY LTD	WESTBORO PHARMACY LIMITED 340 RICHMOND ROAD OTTAWA ON K2A 0E8	NNE	185.71	46
Westminster Presbyterian Church	470 Roosevelt Avenue Ottawa ON K2A 1Z6	SW	189.82	47
Burke Family Properties	575 Byron Ave Ottawa ON K2A 4C4	WSW	190.97	48
Tall Tree Technologies Inc.	422 B Richmond Rd Ottawa ON K2A 0G2	W	196.14	50

HINC - TSSA Historic Incidents

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	343 RICHMOND ROAD Ottawa ON K2A 0E7	NNE	199.98	51

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated May 31, 2021 has found that there are 1 INC 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>
	412 & 414 Churchill Avenue, Ottawa ON	NE	158.88	32

MNR - Mineral Occurrences

A search of the MNR database, dated 1846-Dec 2020 has found that there are 2 MNR 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>
HIGHLAND PARK	ON	ESE	129.58	21
SAMPLE 23	ON	ESE	129.58	21

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Jun 30, 2021 has found that there are 6 PES 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>
MOUNTAIN EQUIPMENT CO- OPERATIVE	366 RICHMOND RD OTTAWA ON K2A 0E8	N	113.15	16

MEC MOUNTAIN EQUIPMENT COMPANY LTD.	366 RICHMOND RD OTTAWA ON K2A 0E8	N	113.15	16
DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A0E7	NNE	137.43	26
DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A 0E8	NNE	137.43	26
J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396	410 RICHMOND ROAD OTTAWA ON K2A4C4	W	171.14	35
J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396	410 RICHMOND ROAD OTTAWA ON K2A 0G2	W	171.14	35

PINC - Pipeline Incidents

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE GAS INC	433 ROOSEVELT AVE.,OTTAWA,ON, K2A 1Z4,CA ON	WSW	102.59	15

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>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON K2A 4H1	W	230.97	63
BOURKS IGNITION LTD	426 RICHMOND RD OTTAWA ON K2A 0G2	W	242.79	67

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jul 2021 has found that there are 2 RSC 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>
Mr. Arnold Midgley, The Trustees of Kitchissippi United Church	450 Churchill Avenue North, Ottawa, Ontario, K1Z 5E2 ON K1Z 5E2	ESE	139.94	27

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Bourk's Property Management Limited	575 BYRON AVE, OTTAWA, ON, K2A 4C4 ON K2A 4C4	WSW	190.97	48

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 7 SCT 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>
Simply Wood Furnishings Ltd.	393A Richmond Rd Ottawa ON K2A 0E9	WNW	150.44	29
Simply Wood Furnishings	393A Richmond Rd Ottawa ON K2A 0E9	WNW	150.44	29
DOUBLE L PRINTERS	416 RICHMOND RD OTTAWA ON K2A 0G2	W	179.96	42
Double L Printers - Div. of 595511 Ontario Inc.	416 Richmond Rd Ottawa ON K2A 0G2	W	179.96	42
BlackCherry Digital Media Inc.	346 Richmond Rd Suite 210 Ottawa ON K2A 0E8	NNE	182.01	44
Entomological Society of Cda	393 Winston Ave Ottawa ON K2A 1Y8	NW	196.02	49
Valberg Imaging	322 Richmond Rd Ottawa ON K1Z 6X6	NE	240.67	66

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 13 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>
PRIVATE RESIDENCE	518 BYRON AVE. STORAGE TANK/BARREL OTTAWA CITY ON K2A 0E3	E	20.03	1
	415 Ravenhill Avenue Ottawa ON	WSW	172.95	38

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	388 Richmond Rd. Ottawa ON K2A 0E8	WNW	85.71	11
PRIVATE BUSINESS	BANK OF NOVA SCOTIA, 388 RICHMOND ST STORAGE TANK OTTAWA CITY ON K2A 0E8	WNW	85.71	11
PRIVATE BUSINESS	388 RICHMOND RD. OTTAWA BANK OF NOVA SCOTIA STORAGE TANK OTTAWA CITY ON K2A 0E8	WNW	85.71	11
BANK OF NOVA SCOTIA	388 RICHMOND ROAD BRANCH 388 RICHMOND ST, OTTAWA OTTAWA CITY ON K2A 0E8	WNW	85.71	11
PRIVATE RESIDENCE	HOME AT 389 DANFORTH AVE FURNACE OIL TANK FURNACE OIL TANK OTTAWA CITY ON K2A 0E1	W	91.58	12
	386 Richmond Rd S21 RESIDENCE<UNOFFICIAL> Ottawa ON K2A 0E8	WNW	99.20	14
Enbridge Gas Distribution Inc.	433 Roosevelt Ave. Ottawa ON	WSW	102.59	15
Enbridge Gas Distribution Inc.	412 & 414 Churchill Ave. Ottawa ON	NE	158.88	32

PRIVATE OWNER	454 ROOSEVELT STORAGE TANK/BARREL OTTAWA CITY ON K2A 1Z6	SW	171.22	36
ESSO PETROLEUM CANADA	ON SIDE OF ROAD BETWEEN 566 AND 570 BYRON TANK TRUCK (CARGO) OTTAWA CITY ON	WSW	176.63	40
FRANCIS FUELS	461 COLE AVE, ROADWAY IN FRONT OF TANK TRUCK (CARGO) OTTAWA CITY ON K2A 2B1	SW	222.43	60

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 13 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>
	345 RAVENHURST AVE. WELL #1 Ottawa ON <i>Well ID: 7218236</i>	SSE	31.50	3
	345 RAVENHURST AVE. WELL #2 Ottawa ON <i>Well ID: 7218235</i>	E	36.58	4
	345 RAVENHURST AVE. WELL #4 Ottawa ON <i>Well ID: 7218229</i>	ENE	129.62	22
	345 RAVENHURST AVE. WELL #3 Ottawa ON <i>Well ID: 7218228</i>	E	135.00	24
	450 CHURCHILL AVENUE NORTH Ottawa ON <i>Well ID: 7154750</i>	E	162.64	33
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	388 RICHMOND ROAD OTTAWA ON <i>Well ID: 7303998</i>	WNW	73.53	7
	388 RICHMOND ROAD OTTAWA ON	WNW	80.71	8

Well ID: 7303999

380 RICHMOND ROAD NW 84.18 9
OTTAWA ON

Well ID: 7198182

388 RICHMOND RD WNW 85.71 11
OTTAWA ON

Well ID: 7305578

388 RICHMOND RD NNW 147.26 28
OTTAWA ON

Well ID: 7305577

401 RICHMOND RD WNW 184.65 45
Ottawa ON

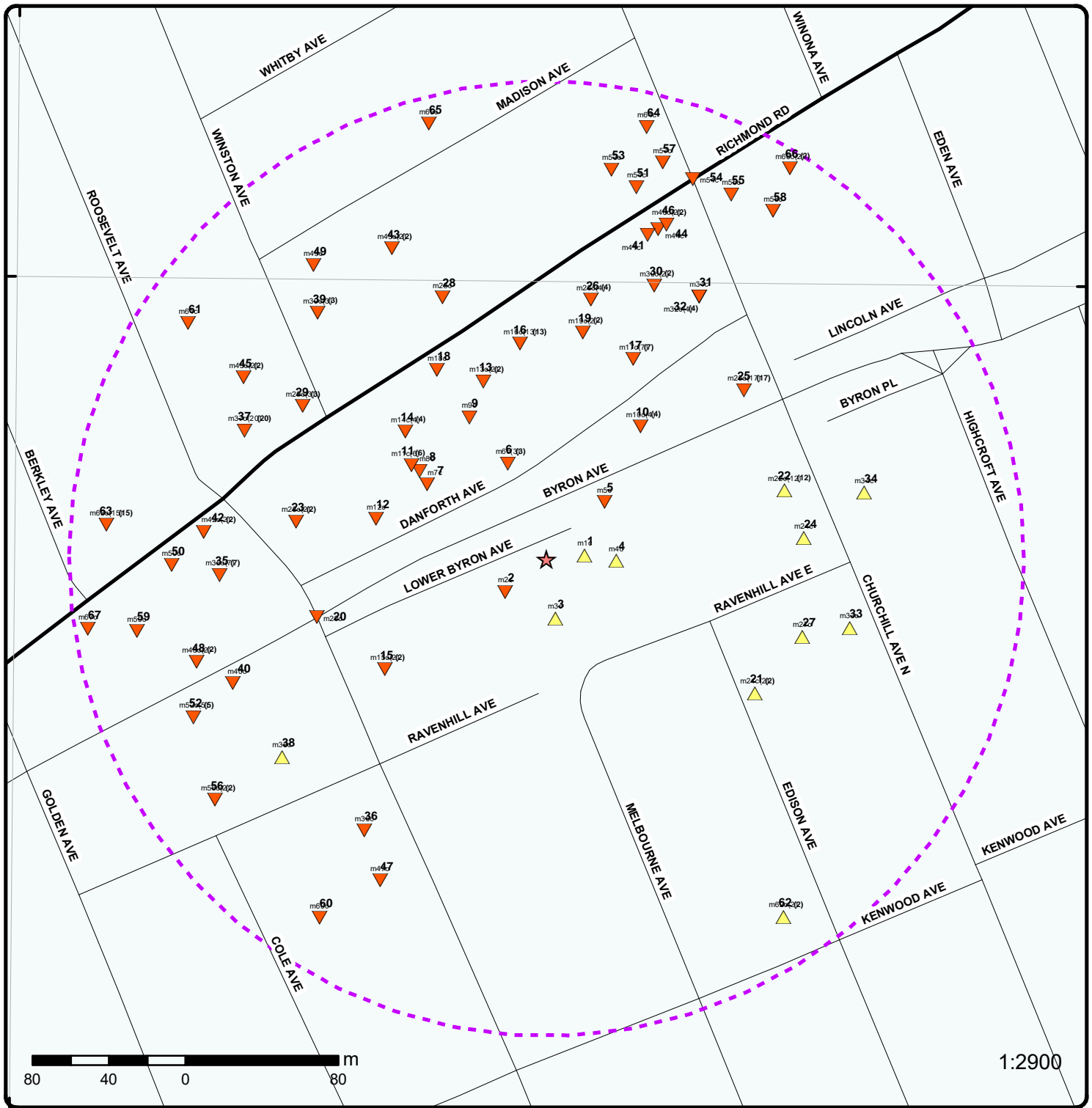
Well ID: 7180984

324 RICHMOND ROAD NE 217.07 58
Ottawa ON

Well ID: 7295754

337 RICHMOND RD NNE 231.87 64
Ottawa ON

Well ID: 7171703



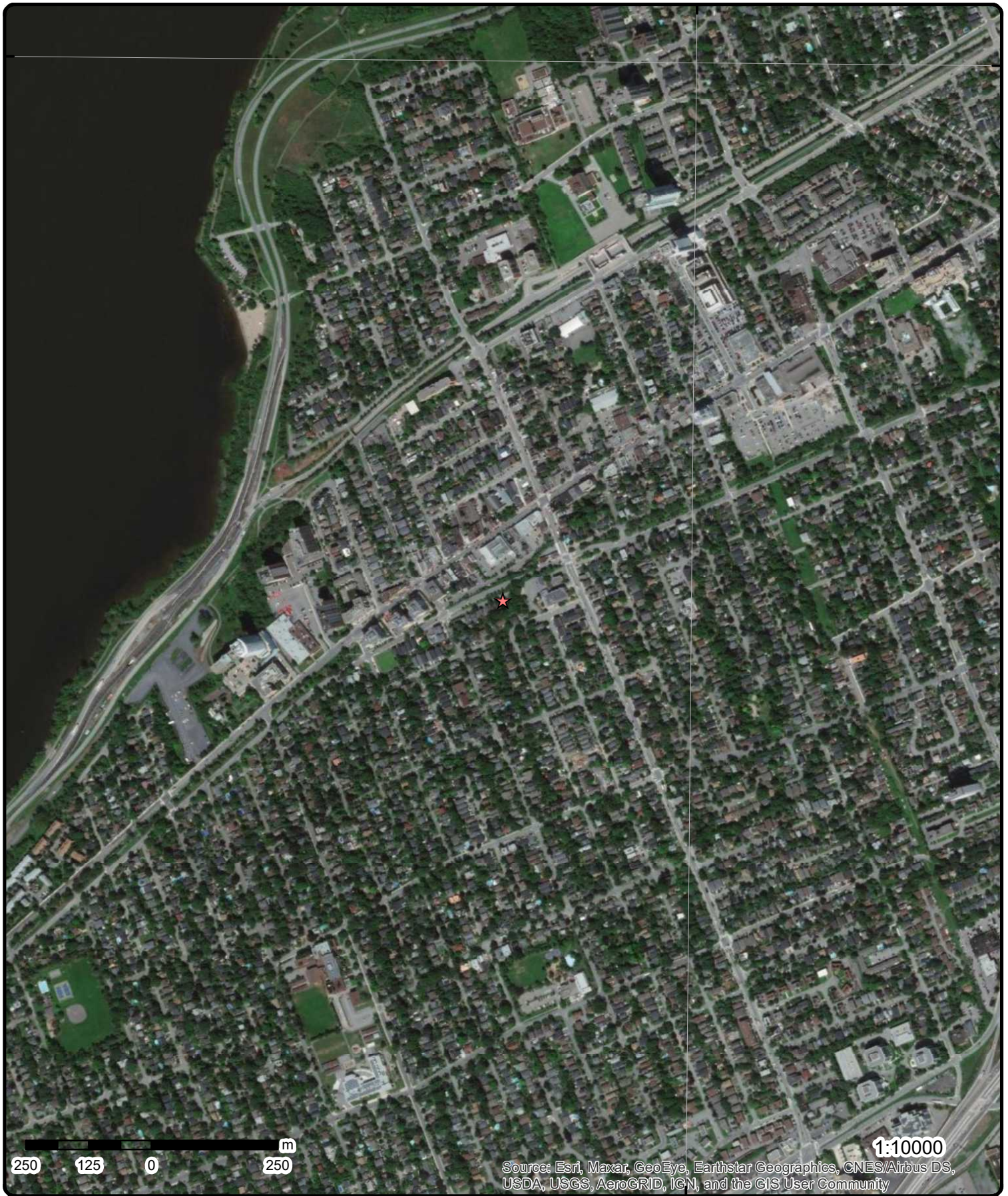
Map: 0.25 Kilometer Radius

Order Number: 21082700363

Address: PE543x- 522 Lower Byron Avenue, Ottawa, ON



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



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

1:10000

Aerial Year: 2020

Order Number: 21082700363

Address: PE543x- 522 Lower Byron Avenue, Ottawa, ON



Source: ESRI World Imagery

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

Topographic Map

Address: PE543x- 522 Lower Byron Avenue, ON

Source: ESRI World Topographic Map

Order Number: 21082700363



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	E/20.0	70.2 / 0.30	PRIVATE RESIDENCE 518 BYRON AVE. STORAGE TANK/BARREL OTTAWA CITY ON K2A 0E3	SPL
Ref No: 27129 Site No: Incident Dt: 10/28/1989 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: 10/28/1989 Dt Document Closed: Incident Reason: CORROSION Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: 400 L FURNACE OIL TO GRD AT RESIDENCE. Contaminant Qty:		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20101 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:			
2	1 of 1	WSW/27.7	69.8 / -0.02	First General Services (URA) 528 Byron St Ottawa ON K2A 0E3	GEN
Generator No: ON3182297 Status: Approval Years: 03,04 Contam. Facility: MHSW Facility: SIC Code: SIC Description:		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
3	1 of 1	SSE/31.5	71.0 / 1.11	345 RAVENHURST AVE. WELL #1 Ottawa ON	WWIS
Well ID: 7218236 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z172519 Tag:		Data Entry Status: Data Src: Date Received: 3/21/2014 Selected Flag: True Abandonment Rec: Yes Contractor: 1558 Form Version: 7 Owner: Street Name: 345 RAVENHURST AVE. WELL #1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				County: OTTAWA Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7218236.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2013/07/25			
Year Completed:		2013			
Depth (m):					
Latitude:		45.3900815557785			
Longitude:		-75.7547013558811			
Path:		721\7218236.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1004724871		Elevation:	73.028633
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	440923.00
Code OB Desc:				North83:	5026562.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:		25-Jul-2013 00:00:00		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	digit
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005102007			
Layer:		1			
Plug From:		137.149993896484			
Plug To:		1.82000005245209			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005102006			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005102000			
Casing No:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			1005102004		
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:			1005102005		
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:			m		
Screen Diameter UOM:			cm		
Screen Diameter:					
<u>Water Details</u>					
Water ID:			1005102003		
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:			m		
<u>Hole Diameter</u>					
Hole ID:			1005102002		
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:			m		
Hole Diameter UOM:			cm		

4	1 of 1	E/36.6	70.9 / 1.04	345 RAVENHURST AVE. WELL #2 Ottawa ON	WWIS
Well ID:	7218235			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	3/21/2014
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z172518			Owner:	
Tag:				Street Name:	345 RAVENHURST AVE. WELL #2
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7218235.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	2013/07/25				
Year Completed:	2013				
Depth (m):					
Latitude:	45.3903542718467				
Longitude:	-75.7542961872402				
Path:	721\7218235.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1004724862			Elevation:	75.069595
DP2BR:			Elevrc:		
Spatial Status:			Zone:	18	
Code OB:			East83:	440955.00	
Code OB Desc:			North83:	5026592.00	
Open Hole:			Org CS:	UTM83	
Cluster Kind:			UTMRC:	4	
Date Completed:	25-Jul-2013 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:			Location Method:	digit	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1005101999				
Layer:	1				
Plug From:	137.149993896484				
Plug To:	1.82000005245209				
Plug Depth UOM:	m				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1005101998				
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1005101992				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Casing ID: 1005101996
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005101997
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1005101995
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005101994
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

<u>5</u>	1 of 1	NE/42.4	69.7 / -0.15	Byron Ottawa ON	EHS
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Order No: 20170727112 Status: C Report Type: Custom Report Report Date: 03-AUG-17 Date Received: 27-JUL-17 Previous Site Name: Lot/Building Size: Additional Info Ordered:	Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.754379 Y: 45.390631
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<u>6</u>	1 of 3	NNW/53.7	69.3 / -0.55	FREDERICK GRODDE LTD. 379 DANFORTH AVENUE OTTAWA ON K2A 0E1	GEN
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Generator No: ON1788600 Status: Approval Years: 93,94,95,96,97,98,99,00,01 Contam. Facility:	PO Box No: Country: Choice of Contact: Co Admin:
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: 9999 SIC Description: OTHER SERVICES				Phone No Admin:	
Detail(s)					
Waste Class: 211 Waste Class Desc: AROMATIC SOLVENTS					
Waste Class: 213 Waste Class Desc: PETROLEUM DISTILLATES					
6	2 of 3	NNW/53.7	69.3 / -0.55	FREDERICK GRODDE LTD. 379 DANFORTH AVENUE OTTAWA ON K2A 0E1	GEN
Generator No: ON1788600 Status: Approval Years: 02,03 Contam. Facility: MHSW Facility: SIC Code: SIC Description:				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
6	3 of 3	NNW/53.7	69.3 / -0.55	FREDERICK GRODDE LTD. 379 DANFORTH AVENUE OTTAWA ON K2A 0E1	GEN
Generator No: ON1788600 Status: Approval Years: 04 Contam. Facility: MHSW Facility: SIC Code: SIC Description:				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
7	1 of 1	WNW/73.5	68.8 / -1.02	388 RICHMOND ROAD OTTAWA ON	WWIS
Well ID: 7303998 Construction Date: Primary Water Use: Test Hole Sec. Water Use: Monitoring Final Well Status: Monitoring and Test Hole Water Type: Casing Material: Audit No: Z277536 Tag: A182773 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Data Entry Status: Data Src: Date Received: 1/19/2018 Selected Flag: True Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 388 RICHMOND ROAD County: OTTAWA Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):					

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

Well Completed Date: 2017/12/15
Year Completed: 2017
Depth (m): 0.9144
Latitude: 45.3907059342138
Longitude: -75.7555655926853
Path:

Bore Hole Information

Bore Hole ID:	1006976690	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	440856.00
Code OB Desc:		North83:	5026632.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	15-Dec-2017 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1007132205
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1007132204
Layer: 1
Color: 6
General Color: BROWN
Mat1: 10
Most Common Material: COARSE SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Sealing Record</u>					
Plug ID:		1007132213			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007132214			
Layer:		2			
Plug From:		1			
Plug To:		2			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007132215			
Layer:		3			
Plug From:		2			
Plug To:		3			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007132212			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007132203			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1007132209			
Layer:		1			
Slot:		10			
Screen Top Depth:		2			
Screen End Depth:		3			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.31500005722046			
<u>Water Details</u>					
Water ID:		1007132207			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1007132206			
Diameter:		2.375			
Depth From:		0.0			
Depth To:		3.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

8	1 of 1	WNW/80.7	68.8 / -1.02	388 RICHMOND ROAD OTTAWA ON	WWIS
Well ID:	7303999			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	1/19/2018
Sec. Water Use:	Monitoring			Selected Flag:	True
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z277537			Owner:	
Tag:	A189804			Street Name:	388 RICHMOND ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2017/12/15
Year Completed: 2017
Depth (m): 1.0668
Latitude: 45.3907685998648
Longitude: -75.755617527846
Path:

Bore Hole Information

Bore Hole ID:	1006976693	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	440852.00
Code OB Desc:		North83:	5026639.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	15-Dec-2017 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007132217			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007132218			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		3.5			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007132226			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007132227			
Layer:		2			
Plug From:		1			
Plug To:		2			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007132228			
Layer:		3			
Plug From:		2			
Plug To:		3.5			
Plug Depth UOM:		ft			

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

Method Construction ID: 1007132225
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007132216
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1007132222
Layer: 1
Slot: 10
Screen Top Depth: 2.5
Screen End Depth: 3.5
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.61000001430511

Water Details

Water ID: 1007132220
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007132219
Diameter: 3.25
Depth From: 0.0
Depth To: 3.5
Hole Depth UOM: ft
Hole Diameter UOM: inch

<u>9</u>	1 of 1	NW/84.2	68.8 / -1.02	380 RICHMOND ROAD OTTAWA ON	WWIS
Well ID:	7198182			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	3/7/2013
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z163364			Owner:	
Tag:	A141813			Street Name:	380 RICHMOND ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2013/01/25
Year Completed: 2013
Depth (m): 10.67
Latitude: 45.391022811298
Longitude: -75.7552887628712
Path:

Bore Hole Information

Bore Hole ID:	1004260983	Elevation:	67.462875
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	440878.00
Code OB Desc:		North83:	5026667.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	25-Jan-2013 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1004820108
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.3100000023841858
Formation End Depth: 0.6100000143051147
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1004820110
Layer: 4
Color: 2
General Color: GREY
Mat1: 15

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		1.2200000286102295			
Formation End Depth:		10.670000076293945			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004820109			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0.6100000143051147			
Formation End Depth:		1.2200000286102295			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004820107			
Layer:		1			
Color:		7			
General Color:		RED			
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		0.3100000023841858			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1004820119			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1004820120			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		7.01000022888184			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Sealing Record</u>					
Plug ID:		1004820121			
Layer:		3			
Plug From:		7.01000022888184			
Plug To:		10.6700000762939			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004820118			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004820106			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004820114			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.61999988555908			
Casing Diameter:		4.03000020980835			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004820115			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.61999988555908			
Screen End Depth:		10.6700000762939			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82000017166138			
<u>Water Details</u>					
Water ID:		1004820113			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004820112			
Diameter:		7.619999885559082			
Depth From:		1.5199999809265137			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To: Hole Depth UOM: Hole Diameter UOM:		10.670000076293945 m cm			
<u>Hole Diameter</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:		1004820111 11.430000305175781 0.0 1.5199999809265137 m cm			
10	1 of 4	NE/84.9	69.8 / -0.02	Blyth Academy Ottawa 352 Danforth Ave Ottawa ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON7687172 2013 611110 ELEMENTARY AND SECONDARY SCHOOLS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		263 ORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		148 INORGANIC LABORATORY CHEMICALS			
10	2 of 4	NE/84.9	69.8 / -0.02	Blyth Academy Ottawa 352 Danforth Ave Ottawa ON K2A 0E2	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON7687172 2016 No No 611110 ELEMENTARY AND SECONDARY SCHOOLS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		148 INORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		263 ORGANIC LABORATORY CHEMICALS			
10	3 of 4	NE/84.9	69.8 / -0.02	Blyth Academy Ottawa 352 Danforth Ave Ottawa ON K2A 0E2	GEN
Generator No: Status: Approval Years: Contam. Facility:		ON7687172 2015 No		PO Box No: Country: Choice of Contact: Co Admin:	Canada CO_OFFICIAL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: SIC Description:	No 611110			Phone No Admin: ELEMENTARY AND SECONDARY SCHOOLS	
Detail(s)					
Waste Class: Waste Class Desc:	148			INORGANIC LABORATORY CHEMICALS	
Waste Class: Waste Class Desc:	263			ORGANIC LABORATORY CHEMICALS	
10	4 of 4	NE/84.9	69.8 / -0.02	Blyth Academy Ottawa 352 Danforth Ave Ottawa ON K2A 0E2	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON7687172 2014 No No 611110			PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin: ELEMENTARY AND SECONDARY SCHOOLS	
Detail(s)					
Waste Class: Waste Class Desc:	148			INORGANIC LABORATORY CHEMICALS	
Waste Class: Waste Class Desc:	263			ORGANIC LABORATORY CHEMICALS	
11	1 of 6	WNW/85.7	68.8 / -1.02	BANK OF NOVA SCOTIA 388 RICHMOND ROAD BRANCH 388 RICHMOND ST, OTTAWA OTTAWA CITY ON K2A 0E8	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	85046 5/4/1993 ABOVE-GROUND TANK LEAK POSSIBLE Multi Media Pollution LAND 5/4/1993 OVERSTRESS/OVERPRESSURE			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: BANK OF NOVA SCOTIA-2 L FURNACE OIL TO GROUND, CONTAINED.	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	2 of 6	WNW/85.7	68.8 / -1.02	PRIVATE BUSINESS 388 RICHMOND RD. OTTAWA BANK OF NOVA SCOTIA STORAGE TANK OTTAWA CITY ON K2A 0E8	SPL
Ref No:	222829			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	3/8/2002			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	OTHER CONTAINER LEAK			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	POSSIBLE			Site Municipality:	20107
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	3/8/2002			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	GASKET, JOINT			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	BANK OF NOVA SCOTIA: SPILL FUEL OIL TO PARKING LOT CONTAINED /CLEANING.				
Contaminant Qty:					

11	3 of 6	WNW/85.7	68.8 / -1.02	PRIVATE BUSINESS BANK OF NOVA SCOTIA, 388 RICHMOND ST STORAGE TANK OTTAWA CITY ON K2A 0E8	SPL
Ref No:	222842			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	3/8/2002			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	ABOVE-GROUND TANK LEAK			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	POSSIBLE			Site Municipality:	20107
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	3/8/2002			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	EQUIPMENT FAILURE			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	BANK OF NOVA SCOTIA: 50L FURNACE OIL TO GROUND, NO WATER, CLEANED UP				
Contaminant Qty:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	4 of 6	WNW/85.7	68.8 / -1.02	388 Richmond Rd. Ottawa ON K2A 0E8	SPL
Ref No:	3388-6HZHC2			Discharger Report:	0
Site No:				Material Group:	Oil
Incident Dt:	11/8/2005			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Tank (Above Ground) Leak			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:	FUEL OIL			Site Address:	
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	Ottawa
Nature of Impact:				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:	11/8/2005			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:	Error- Operator error			Source Type:	
Site Name:	Bank of Nova Scotia<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Furnace oil spill, qty unkn, Ottawa				
Contaminant Qty:					
11	5 of 6	WNW/85.7	68.8 / -1.02	388 Richmond Rd Ottawa ON K2A0E8	EHS
Order No:	20171107015			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	10-NOV-17			Search Radius (km):	.25
Date Received:	07-NOV-17			X:	-75.755826
Previous Site Name:				Y:	45.3909
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
11	6 of 6	WNW/85.7	68.8 / -1.02	388 RICHMOND RD OTTAWA ON	WWIS
Well ID:	7305578			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	2/13/2018
Sec. Water Use:	Monitoring			Selected Flag:	True
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z277515			Owner:	
Tag:	A189839			Street Name:	388 RICHMOND RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2018/01/16			
Year Completed:		2018			
Depth (m):		1.524			
Latitude:		45.3907952633933			
Longitude:		-75.7556689833379			
Path:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006985628				
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:	16-Jan-2018 00:00:00				
Remarks:					
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:	1007145579				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:	73				
Mat3 Desc:	HARD				
Formation Top Depth:	3.0				
Formation End Depth:	5.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007145578				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	06				
Mat2 Desc:	SILT				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007145577			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		12			
Most Common Material:		STONES			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007145590			
Layer:		3			
Plug From:		2			
Plug To:		5			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007145589			
Layer:		2			
Plug From:		1			
Plug To:		2			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007145588			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1007145587			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1007145576			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1007145584			
Layer:		1			
Slot:		10			
Screen Top Depth:		2			
Screen End Depth:		5			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.6599999666214			
<u>Water Details</u>					
Water ID:		1007145582			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007145581			
Diameter:		2.375			
Depth From:		4.0			
Depth To:		5.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007145580			
Diameter:		2.875			
Depth From:		0.0			
Depth To:		4.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

12	1 of 1	W/91.6	68.8 / -1.04	PRIVATE RESIDENCE HOME AT 389 DANFORTH AVE FURNACE OIL TANK FURNACE OIL TANK OTTAWA CITY ON K2A 0E1	SPL
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Ref No:	36769	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	3/29/1990	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20101
Nature of Impact:	Vegetation	Site Lot:	
Receiving Medium:	LAND	Site Conc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 3/29/1990 Dt Document Closed: Incident Reason: CORROSION Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: BACKENTRY- UNKNOWN QUANTITY OF FURNACE OIL TO GROUND, PINHOLE LEAK Contaminant Qty:				Nothing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	
13	1 of 2	NNW/98.3	68.9 / -0.99	JOSEPH C. GAFFNEY 372 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No: ON1338700 Status: Approval Years: 90 Contam. Facility: MHSW Facility: SIC Code: 6331 SIC Description: GASOLINE SERV. ST.		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
<u>Detail(s)</u>					
Waste Class: 221 Waste Class Desc: LIGHT FUELS					
13	2 of 2	NNW/98.3	68.9 / -0.99	JOSEPH C. GAFFNEY 22-433 372 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No: ON1338700 Status: Approval Years: 92,93,94,95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 6331 SIC Description: GASOLINE SERV. ST.		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
<u>Detail(s)</u>					
Waste Class: 221 Waste Class Desc: LIGHT FUELS					
14	1 of 4	WNW/99.2	68.9 / -0.93	386 Richmond Rd S21 RESIDENCE<UNOFFICIAL> Ottawa ON K2A 0E8	SPL
Ref No: 6156-6P2LJU Site No: Incident Dt: 4/20/2006 Year: Incident Cause: Unknown Incident Event: Contaminant Code: 13 Contaminant Name: FURNACE OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:		Discharger Report: Material Group: Oils Health/Env Conseq: Client Type: Sector Type: Other Agency Involved: Nearest Watercourse: Site Address: 386 RICHMOND RD Site District Office: Ottawa Site Postal Code: Site Region:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Environment Impact: Possible Nature of Impact: Air Pollution Receiving Medium: Air Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 4/20/2006 Dt Document Closed: Incident Reason: Unknown - Reason not determined Site Name: 386 RICHMOND RD Site County/District: Site Geo Ref Meth: Incident Summary: TSSA:fuel odour complaint-386 Richmond Rd. Ottawa Contaminant Qty: Not Specified					
Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:					
14	2 of 4	WNW/99.2	68.9 / -0.93	386 Richmond Rd Ottawa ON K2A0E8	EHS
Order No: 20170525017 Status: C Report Type: Standard Report Report Date: 30-MAY-17 Date Received: 25-MAY-17 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.755713 Y: 45.390953					
14	3 of 4	WNW/99.2	68.9 / -0.93	386 Richmond Rd Ottawa ON K2A0E8	EHS
Order No: 20171116067 Status: C Report Type: Custom Report Report Date: 21-NOV-17 Date Received: 16-NOV-17 Previous Site Name: Lot/Building Size: Additional Info Ordered: Topographic Maps					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.755712 Y: 45.391011					
14	4 of 4	WNW/99.2	68.9 / -0.93	Ottawa Carleton Construction Group Ltd. 386 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No: ON3053460 Status: Registered Approval Years: As of Oct 2019 Contam. Facility: MHSW Facility: SIC Code: SIC Description:					
PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:					
Detail(s)					
Waste Class: 221 L Waste Class Desc: Light fuels					
15	1 of 2	WSW/102.6	69.8 / -0.09	Enbridge Gas Distribution Inc. 433 Roosevelt Ave. Ottawa ON	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	8230-BFSLAG NA 9/7/2019 Leak/Break 35 NATURAL GAS (METHANE) 1075 Air No 9/7/2019 10/24/2019 Operator/Human Error Residential<UNOFFICIAL> TSSA FSB: Enbridge: 1/2" plastic IP nat gas line strike to atm. 0 other - see incident description	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	 2 - Minor Environment Corporation Miscellaneous Industrial 433 Roosevelt Ave. Ottawa Eastern Ottawa TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components		

15	2 of 2	WSW/102.6	69.8 / -0.09	ENBRIDGE GAS INC 433 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Z4,CA ON	PINC
Incident ID: Incident No: Incident Reported Dt: Type: Status Code: Tank Status: Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:	2679440 9/9/2019 FS-Pipeline Incident Pipeline Damage Reason Est ENBRIDGE GAS INC 433 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Z4,CA	Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:			

16	1 of 13	N/113.1	68.9 / -1.00	Mountain Equipment Co-op 366 Richmond Road Ottawa ON	GEN
Generator No:	ON6336429			PO Box No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 451110, 811490 SIC Description: SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE				Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					
16	2 of 13	N/113.1	68.9 / -1.00	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No: ON6336429 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 451110, 811490 SIC Description:				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
16	3 of 13	N/113.1	68.9 / -1.00	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:	
16	4 of 13	N/113.1	68.9 / -1.00	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.	
Detail(s)					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
16	5 of 13	N/113.1	68.9 / -1.00	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: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 451110, 811490 SIC Description: SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE				Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Justin Partridge Phone No Admin: 6137297802 Ext.	
Detail(s)					
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					
16	6 of 13	N/113.1	68.9 / -1.00	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No: ON6336429 Status: Approval Years: 2014 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: Lukasz Dybinksi Phone No Admin: 613 729 7802 Ext.	
Detail(s)					
Waste Class: 251					
Waste Class Desc: OIL SKIMMINGS & SLUDGES					
16	7 of 13	N/113.1	68.9 / -1.00	Mountain Equipment Co-op Ottawa 366 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No: ON6336429 Status: Registered Approval Years: As of Dec 2018 Contam. Facility: MHSW Facility: SIC Code: SIC Description:				PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: 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					
16	8 of 13	N/113.1	68.9 / -1.00	Mountain Equipment Co-op Ottawa 366 Richmond Road Ottawa ON K2A 0E8	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON6336429 Registered As of Oct 2019			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada
<u>Detail(s)</u>					
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				
Waste Class Desc:	Other specified inorganic sludges, slurries or solids				

16	9 of 13	N/113.1	68.9 / -1.00	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				

16	10 of 13	N/113.1	68.9 / -1.00	MEC MOUNTAIN EQUIPMENT COMPANY LTD. 366 RICHMOND RD OTTAWA ON K2A 0E8	PES
Detail Licence No:				Operator Box:	
Licence No:	L-232-7104524418			Operator Class:	
Status:	Active			Operator No:	
Approval Date:	2020-11-17			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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Trade Name: PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2304627					
16	11 of 13	N/113.1	68.9 / -1.00	366 Richmond Rd Ottawa ON K2A 0E8	EHS
Order No: 20282400321 Status: C Report Type: Custom Report Report Date: 31-AUG-20 Date Received: 24-AUG-20 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.7549521 Y: 45.3913714			
16	12 of 13	N/113.1	68.9 / -1.00	366 Richmond Rd Ottawa ON K2A 0E8	EHS
Order No: 20282400321 Status: C Report Type: Custom Report Report Date: 31-AUG-20 Date Received: 24-AUG-20 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.7549521 Y: 45.3913714			
16	13 of 13	N/113.1	68.9 / -1.00	366 Richmond Rd Ottawa ON K2A 0E8	EHS
Order No: 20282400321 Status: C Report Type: Custom Report Report Date: 31-AUG-20 Date Received: 24-AUG-20 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.7549521 Y: 45.3913714			
17	1 of 7	NNE/113.8	69.6 / -0.30	349 Danforth Avenue Ottawa ON K2A 0E1	EHS
Order No: 20200318139 Status: C Report Type: Standard Report Report Date: 23-MAR-20 Date Received: 18-MAR-20 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.7541952 Y: 45.3913044			
17	2 of 7	NNE/113.8	69.6 / -0.30	349 Danforth Avenue Ottawa ON K2A 0E1	EHS
Order No: 20200318139 Status: C Report Type: Standard Report		Nearest Intersection: Municipality: Client Prov/State: ON			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Date: 23-MAR-20 Search Radius (km): .25 Date Received: 18-MAR-20 X: -75.7541952 Previous Site Name: Y: 45.3913044 Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
17	3 of 7	NNE/113.8	69.6 / -0.30	349 Danforth Avenue Ottawa ON K2A 0E1	EHS
Order No: 20200318139 Nearest Intersection: Status: C Municipality: Report Type: Standard Report Client Prov/State: ON Report Date: 23-MAR-20 Search Radius (km): .25 Date Received: 18-MAR-20 X: -75.7541952 Previous Site Name: Y: 45.3913044 Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
17	4 of 7	NNE/113.8	69.6 / -0.30	349 Danforth Avenue Ottawa ON K2A 0E1	EHS
Order No: 21011600014 Nearest Intersection: Status: C Municipality: Report Type: Standard Report Client Prov/State: ON Report Date: 20-JAN-21 Search Radius (km): .25 Date Received: 16-JAN-21 X: -75.7541952 Previous Site Name: Y: 45.3913044 Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Topographic Maps					
17	5 of 7	NNE/113.8	69.6 / -0.30	349 Danforth Avenue Ottawa ON K2A 0E1	EHS
Order No: 20200318139 Nearest Intersection: Status: C Municipality: Report Type: Standard Report Client Prov/State: ON Report Date: 23-MAR-20 Search Radius (km): .25 Date Received: 18-MAR-20 X: -75.7541952 Previous Site Name: Y: 45.3913044 Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
17	6 of 7	NNE/113.8	69.6 / -0.30	349 Danforth Avenue Ottawa ON K2A 0E1	EHS
Order No: 21011600014 Nearest Intersection: Status: C Municipality: Report Type: Standard Report Client Prov/State: ON Report Date: 20-JAN-21 Search Radius (km): .25 Date Received: 16-JAN-21 X: -75.7541952 Previous Site Name: Y: 45.3913044 Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Topographic Maps					
17	7 of 7	NNE/113.8	69.6 / -0.30	349 Danforth Avenue Ottawa ON K2A 0E1	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20200318139 Status: C Report Type: Standard Report Report Date: 23-MAR-20 Date Received: 18-MAR-20 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.7541952 Y: 45.3913044					
18	1 of 1	NW/114.1	68.9 / -0.93	380 Richmond Rd Ottawa ON K2A 0E8	EHS
Order No: 20121221002 Status: C Report Type: Custom Report Report Date: 27-DEC-12 Date Received: 21-DEC-12 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.755508 Y: 45.391245					
19	1 of 2	NNE/119.9	68.8 / -1.02	VELO SPORTABLE CYCLE 358 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No: ON1830701 Status: Approval Years: 00,01 Contam. Facility: MHSW Facility: SIC Code: 6541 SIC Description: SPORTING GOODS STORE					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
Detail(s)					
Waste Class: 145					
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES					
Waste Class: 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					
19	2 of 2	NNE/119.9	68.8 / -1.02	1534244 Ontario Inc 358 Richmond Road Ottawa ON	GEN
Generator No: ON5993376 Status: Approval Years: 03,04,06 Contam. Facility:					
PO Box No: Country: Choice of Contact: Co Admin:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: 451110 SIC Description: Sporting Goods Stores				Phone No Admin:	
Detail(s)					
Waste Class: 211 Waste Class Desc: AROMATIC SOLVENTS					
Waste Class: 213 Waste Class Desc: PETROLEUM DISTILLATES					
<u>20</u>	1 of 1	W/124.1	68.8 / -1.09	OTTAWA CITY BYRON AVE./ROOSEVELT AVE. OTTAWA CITY ON	CA
Certificate #: 3-0215-99- Application Year: 99 Issue Date: 3/23/1999 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
<u>21</u>	1 of 2	ESE/129.6	72.3 / 2.42	SAMPLE 23 ON	MNR
MDI No: MDI31G05NW00015 OGF ID: 205262561 Deposit Status: DISCRETIONARY OCCURRENCE Claim Map: T-2383 Geological District: SOUTHEASTERN ONTARIO Mining Division: SOUTHERN ONTARIO Name: SAMPLE 23 P Commod: LIMESTONE (BUILDING STONES) S Commod: Class Sub Type No: 2496 Class Sub Type: Discretionary Mineral Occurrence Source Map: GSC 1917, MAP 168A IN MEMOIR 99 Detail: http://www.geologyontario.mndm.gov.on.ca/mndmfiles/mdi/data/records/MDI31G05NW00015.html All Names: SAMPLE 23 Access Description: N/A Status: DISCRETIONARY OCCURRENCE		Twp Area: NEPEAN Dep Class: Zone: 18 Easting: 441027.308 Northing: 5026523.025 Effective Dt/time: 13-Jun-2005 Date Last Modified: Geo Update Dt/time:			
Deposit Details					
Deposit Year: 1993 Deposit Character: Commodity Desc: LIMESTONE (BUILDING STONES) Ranking: 1 Twp/Area: NEPEAN Con/Lot/Sec: LOT: NA Con: NA Legal Desc: City of Ottawa Township Area Ranking: 1 Mndm Township Area No: 1758					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Effective Date/Time:		12/7/2005 12:32:36 PM			
21	2 of 2	ESE/129.6	72.3 / 2.42	HIGHLAND PARK	MNR
ON					
MDI No:	MDI31G05NW00016	Twp Area:	NEPEAN		
OGF ID:	205264986	Dep Class:			
Deposit Status:	DISCRETIONARY OCCURRENCE	Zone:	18		
Claim Map:	T-2383	Easting:	441027.308		
Geological District:	SOUTHEASTERN ONTARIO	Northing:	5026523.025		
Mining Division:	SOUTHERN ONTARIO	Effective Dt/time:	13-Jun-2005		
Name:	HIGHLAND PARK	Date Last Modified:			
P Commod:	LIMESTONE (BUILDING STONES)	Geo Update Dt/time:			
S Commod:					
Class Sub Type No:	2496				
Class Sub Type:	Discretionary Mineral Occurrence				
Source Map:	DEMR 1987, NTS 31G05 OTTAWA				
Detail:	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/mdi/data/records/MDI31G05NW00016.html				
All Names:	HIGHLAND PARK				
Access Description:	N/A				
Status:	DISCRETIONARY OCCURRENCE				
<u>Deposit Details</u>					
Deposit Year:	1993				
Deposit Character:					
Commodity Desc:	LIMESTONE (BUILDING STONES)				
Ranking:	1				
Twp/Area:	NEPEAN				
Con/Lot/Sec:	LOT: 34 Con: 1				
Legal Desc:					
Township Area Ranking:	1				
Mndm Township Area No:	1758				
Effective Date/Time:	12/7/2005 12:32:36 PM				
22	1 of 12	ENE/129.6	70.7 / 0.84	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				
22	2 of 12	ENE/129.6	70.7 / 0.84	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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code: SIC Description:	611110			Elementary and Secondary Schools	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	146			OTHER SPECIFIED INORGANICS	
Waste Class: Waste Class Desc:	145			PAINT/PIGMENT/COATING RESIDUES	
<u>22</u>	3 of 12	ENE/129.6	70.7 / 0.84	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 2011 611110			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	145			PAINT/PIGMENT/COATING RESIDUES	
Waste Class: Waste Class Desc:	146			OTHER SPECIFIED INORGANICS	
<u>22</u>	4 of 12	ENE/129.6	70.7 / 0.84	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 2012 611110			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	145			PAINT/PIGMENT/COATING RESIDUES	
Waste Class: Waste Class Desc:	146			OTHER SPECIFIED INORGANICS	
<u>22</u>	5 of 12	ENE/129.6	70.7 / 0.84	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code:	ON6810332 2013 611110			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	

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

22	6 of 12	ENE/129.6	70.7 / 0.84	345 RAVENHURST AVE. WELL #4 Ottawa ON	WWIS
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Well ID:	7218229	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	3/21/2014
Sec. Water Use:		Selected Flag:	True
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
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7218229.pdf

Additional Detail(s) (Map)

Well Completed Date:	2013/07/25
Year Completed:	2013
Depth (m):	
Latitude:	45.3906947095991
Longitude:	-75.7531765137942
Path:	721\7218229.pdf

Bore Hole Information

Bore Hole ID:	1004724844	Elevation:	76.743453
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441043.00
Code OB Desc:		North83:	5026629.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	25-Jul-2013 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005101933			
Layer:		1			
Plug From:		137.149993896484			
Plug To:		1.82000005245209			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005101932			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<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>Water Details</u>					
Water ID:		1005101929			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:		1005101928			
22	7 of 12	ENE/129.6	70.7 / 0.84	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No:	ON6810332			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Greg Benson
MHSW Facility:	No			Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
<u>Detail(s)</u>					
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
22	8 of 12	ENE/129.6	70.7 / 0.84	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No:	ON6810332			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Greg Benson
MHSW Facility:	No			Phone No Admin:	613-596-8211 Ext.8549
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				
22	9 of 12	ENE/129.6	70.7 / 0.84	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No:	ON6810332			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Greg Benson
MHSW Facility:	No			Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
<u>Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
22	10 of 12	ENE/129.6	70.7 / 0.84	Ottawa-Carleton District School Board Health & Safety 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No:	ON6810332			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:	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				
22	11 of 12	ENE/129.6	70.7 / 0.84	Ottawa-Carleton District School Board Health & Safety 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No:	ON6810332			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2020			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	146 T				
Waste Class Desc:	Other specified inorganic sludges, slurries or solids				
Waste Class:	145 I				
Waste Class Desc:	Wastes from the use of pigments, coatings and paints				
22	12 of 12	ENE/129.6	70.7 / 0.84	Ottawa-Carleton District School Board Health & Safety 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
Generator No:	ON6810332			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Apr 2021			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
23	1 of 2	W/132.5	67.8 / -2.05	411 Roosevelt Avenue Ottawa ON K2A 3X9	EHS
Order No:	20080407030			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	4/16/2008			Search Radius (km):	0.25
Date Received:	4/7/2008			X:	-75.756565
Previous Site Name:				Y:	45.390493
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans				
23	2 of 2	W/132.5	67.8 / -2.05	DISTRICT REALTY 411 ROOSEVELT AVENUE OTTAWA ON K2A3X9	GEN
Generator No:	ON9318155			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:	531111				
SIC Description:	LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS)				
Detail(s)					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
24	1 of 1	E/135.0	71.8 / 1.92	345 RAVENHURST AVE. WELL #3 Ottawa ON	WWIS
Well ID:	7218228			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	3/21/2014
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z172517			Owner:	
Tag:				Street Name:	345 RAVENHURST AVE. WELL #3
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7218228.pdf				

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

Well Completed Date: 2013/07/25
Year Completed: 2013
Depth (m):
Latitude: 45.3904705386262
Longitude: -75.7530457865257
Path: 721\7218228.pdf

Bore Hole Information

Bore Hole ID:	1004724841	Elevation:	77.372154
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441053.00
Code OB Desc:		North83:	5026604.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	25-Jul-2013 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID: 1005101925
Layer: 1
Plug From: 137.149993896484
Plug To: 1.82000005245209
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005101924
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1005101918
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005101922
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005101923			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1005101921			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005101920			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

25	1 of 17	ENE/135.9	69.7 / -0.12	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				

25	2 of 17	ENE/135.9	69.7 / -0.12	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				

Detail(s)

Waste Class: 241

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		HALOGENATED SOLVENTS			
25	3 of 17	ENE/135.9	69.7 / -0.12	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				
<hr/>					
25	4 of 17	ENE/135.9	69.7 / -0.12	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				
<hr/>					
25	5 of 17	ENE/135.9	69.7 / -0.12	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	GEN
Generator No:	ON0550900			PO Box No:	
Status:				Country:	
Approval Years:	2009			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				
<hr/>					
25	6 of 17	ENE/135.9	69.7 / -0.12	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	GEN
Generator No:	ON0550900			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: 812310 SIC Description: Coin-Operated Laundries and Dry Cleaners				Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: 241 Waste Class Desc: HALOGENATED SOLVENTS					
25	7 of 17	ENE/135.9	69.7 / -0.12	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: 241 Waste Class Desc: HALOGENATED SOLVENTS					
25	8 of 17	ENE/135.9	69.7 / -0.12	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: 241 Waste Class Desc: HALOGENATED SOLVENTS					
25	9 of 17	ENE/135.9	69.7 / -0.12	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON	GEN
Generator No: ON0550900 Status: Approval Years: 2013 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: 241 Waste Class Desc: HALOGENATED SOLVENTS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	10 of 17	ENE/135.9	69.7 / -0.12	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				
25	11 of 17	ENE/135.9	69.7 / -0.12	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				
25	12 of 17	ENE/135.9	69.7 / -0.12	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
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				
25	13 of 17	ENE/135.9	69.7 / -0.12	LAUNDRY LAND 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
Generator No:	ON0550900			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: 241 H
Waste Class Desc: Halogenated solvents and residues

25	14 of 17	ENE/135.9	69.7 / -0.12	Laundry Land Cleaning 424 Churchill Ave N Ottawa ON K1Z5C8	CDRY
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Legal Name of Company: Laundry Land Dry Cleaning

Waste Quantity by Year

Reporting Year: 2018
Quantity of PERC (kg): 309
Total Waste Water (kg): 230
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:

25	15 of 17	ENE/135.9	69.7 / -0.12	LAUNDRY LAND 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
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Generator No: ON0550900	PO Box No:	Canada
Status: Registered	Country:	
Approval Years: As of Jul 2020	Choice of Contact:	
Contam. Facility:	Co Admin:	
MHSW Facility:	Phone No Admin:	
SIC Code:		
SIC Description:		

Detail(s)

Waste Class: 241 H
Waste Class Desc: Halogenated solvents and residues

25	16 of 17	ENE/135.9	69.7 / -0.12	LAUNDRY LAND 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
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Generator No: ON0550900	PO Box No:	Canada
Status: Registered	Country:	
Approval Years: As of Apr 2021	Choice of Contact:	
Contam. Facility:	Co Admin:	
MHSW Facility:	Phone No Admin:	
SIC Code:		
SIC Description:		

Detail(s)

Waste Class: 241 H

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Halogenated solvents and residues			
25	17 of 17	ENE/135.9	69.7 / -0.12	424 Churchill Avenue North Ottawa ON K1Z 5C8	EHS
Order No:	21032600178	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	Custom Report	Client Prov/State:		ON	
Report Date:	31-MAR-21	Search Radius (km):		.25	
Date Received:	26-MAR-21	X:		-75.7534529	
Previous Site Name:		Y:		45.3911633	
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				
26	1 of 4	NNE/137.4	68.8 / -1.02	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:	Vendor	Oper Area Code:			
Licence Type:		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:					
26	2 of 4	NNE/137.4	68.8 / -1.02	356 Richmond Road Ottawa ON K2A 0E8	EHS
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				
26	3 of 4	NNE/137.4	68.8 / -1.02	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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	4 of 4	NNE/137.4	68.8 / -1.02	DOVERS HARDWARE 356 RICHMOND ROAD OTTAWA ON K2A0E7	PES
Detail Licence No: Licence No: 05219 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Retail Vendor Class 03 Licence Type Code: 21 Licence Class: 03 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 7224523 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
27	1 of 1	ESE/139.9	72.4 / 2.49	Mr. Arnold Midgley, The Trustees of Kitchissippi United Church 450 Churchill Avenue North, Ottawa, Ontario, K1Z 5E2 ON K1Z 5E2	RSC
RSC ID: 108923 RA No: RSC Type: Curr Property Use: Institutional Ministry District: OTTAWA Filing Date: 16-Jun-11 Date Ack: Date Returned: Restoration Type: Soil Type: Criteria: CPU Issued Sect No 1686: Asmt Roll No: 0614 084 502 05000 0000 Prop ID No (PIN): 04016-0077 (LT) Property Municipal Address: 450 Churchill Avenue North, Ottawa, Ontario, K1Z 5E2 Mailing Address: 630 Island Park Drive, Ottawa, Ontario, K1Y 0B7 Latitude & Longitude: 45.39000000N 75.75305560W UTM Coordinates: NAD83 18-441052-5026552 (converted from Latitude & Longitude) Consultant: Legal Desc: LTS 10 & 11, PL 204, E EDISON ST; LTS 10 & 11, PL 204, W CHURCHILL AV; OTTAWA/NEPEAN Measurement Method: Digitized from a satellite image Applicable Standards: Background Site Conditions Standard, with Potable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use RSC PDF:		Cert Date: 15-Apr-11 Cert Prop Use No: No CPU Intended Prop Use: Residential Qual Person Name: Stratified (Y/N): Audit (Y/N): Entire Leg Prop. (Y/N): Yes Accuracy Estimate: 11 to 20 meters Telephone: 613-7227254 Fax: 613-7229530 Email: kitchissippi@bellnet.ca			
28	1 of 1	NNW/147.3	68.0 / -1.88	388 RICHMOND RD OTTAWA ON	WWIS
Well ID: 7305577 Construction Date:		Data Entry Status: Data Src:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use:	Test Hole			Date Received:	2/13/2018
Sec. Water Use:	Monitoring			Selected Flag:	True
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z277516			Owner:	
Tag:	A190061			Street Name:	388 RICHMOND RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2018/01/16
Year Completed: 2018
Depth (m): 3.3528
Latitude: 45.391588661562
Longitude: -75.7554751532246
Path:

Bore Hole Information

Bore Hole ID:	1006985625	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	440864.00
Code OB Desc:		North83:	5026730.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	16-Jan-2018 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007145562
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 3.5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007145563			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		3.5			
Formation End Depth:		5.5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007145564			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		5.5			
Formation End Depth:		11.0			
Formation End 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:		1007145574			
Layer:		2			
Plug From:		1			
Plug To:		5.5			
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			

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

Method Construction ID: 1007145572
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007145561
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

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: 1.6599999666214

Water Details

Water ID: 1007145567
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007145565
Diameter: 2.875
Depth From: 0.0
Depth To: 4.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1007145566
Diameter: 2.375
Depth From: 4.0
Depth To: 11.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

29	1 of 3	WNW/150.4	67.8 / -2.04	Simply Wood Furnishings Ltd. 393A Richmond Rd Ottawa ON K2A 0E9	SCT
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Established: 1987

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plant Size (ft²):					
Employment:		5			
--Details--					
Description:		Wood Kitchen Cabinet and Counter Top Manufacturing			
SIC/NAICS Code:		337110			
29	2 of 3	WNW/150.4	67.8 / -2.04	Mike Steinberg 393-401 Richmond Road Ottawa ON K2A 0E9	GEN
Generator No:		ON1851952		PO Box No:	
Status:				Country:	
Approval Years:		02,03,04,05		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
29	3 of 3	WNW/150.4	67.8 / -2.04	Simply Wood Furnishings 393A Richmond Rd Ottawa ON K2A 0E9	SCT
Established:		1987			
Plant Size (ft²):		7000			
Employment:		5			
--Details--					
Description:		Wood Kitchen Cabinet and Counter Top Manufacturing			
SIC/NAICS Code:		337110			
30	1 of 2	NNE/153.6	68.8 / -1.07	354 Richmond Road Ottawa ON K2A 0E8	EHS
Order No:		20030922015		Nearest Intersection: Churchill 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:					
30	2 of 2	NNE/153.6	68.8 / -1.07	PEARL CLEANERS 354B RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No:		ON1984500		PO Box No:	
Status:		Country:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	95,96,97,98,99,00,01 2499	OTHER CLOTHING ETC.		Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	241 HALOGENATED SOLVENTS				
<u>31</u>	1 of 1	NE/158.8	69.7 / -0.12	ALBERT & SON ENGRAVERS 412B CHURCHILL AVE. OTTAWA ON K1Z 5C6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2135900 96,97,98 2821	PLATEMAKING, ETC.		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	112 ACID WASTE - HEAVY METALS				
Waste Class: Waste Class Desc:	211 AROMATIC SOLVENTS				
Waste Class: Waste Class Desc:	212 ALIPHATIC SOLVENTS				
<u>32</u>	1 of 4	NE/158.9	69.7 / -0.12	412 Churchill Ave Ottawa ON	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:	20041115003 C Custom Report 11/18/04 11/15/04			Nearest Intersection: Richmond Road & Churchill Ave Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.753662 Y: 45.391773	
<u>32</u>	2 of 4	NE/158.9	69.7 / -0.12	412 Churchill Avenue Ottawa ON K1V 8Y5	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:	20061204035 C Complete Report 12/8/2006 12/4/2006			Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.753662 Y: 45.391773	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	3 of 4	NE/158.9	69.7 / -0.12	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)				

32	4 of 4	NE/158.9	69.7 / -0.12	412 & 414 Churchill Avenue, Ottawa ON	INC
Incident No:	377302			Any Health Impact:	
Incident ID:	2528892			Any Enviro Impact:	
Instance No:				Service Interrupted:	
Status Code:	Causal Analysis Complete			Was Prop Damaged:	
Attribute Category:	FS-Incident			Reside App. Type:	
Context:				Commer App. Type:	
Date of Occurrence:				Indus App. Type:	
Time of Occurrence:				Institut App. Type:	
Incident Created On:				Venting Type:	
Instance Creation Dt:				Vent Conn Mater:	
Instance Install Dt:				Vent Chimney Mater:	
Occur Insp Start Date:				Pipeline Type:	Service / Riser Distribution Pipeline
Approx Quant Rel:				Pipeline Involved:	
Tank Capacity:				Pipe Material:	Plastic
Fuels Occur Type:				Depth Ground Cover:	.8m
Fuel Type Involved:				Regulator Location:	Outside
Enforcement Policy:				Regulator Type:	Service Regulator (up to 60 psi intake)
Prc Escalation Req:				Operation Pressure:	IP
Tank Material Type:				Liquid Prop Make:	
Tank Storage Type:				Liquid Prop Model:	
Tank Location Type:				Liquid Prop Serial No:	
Pump Flow Rate Cap:				Liquid Prop Notes:	
Task No:				Equipment Type:	
Notes:				Equipment Model:	
Drainage System:				Serial No:	
Sub Surface Contam.:				Cylinder Capacity:	
Aff Prop Use Water:				Cylinder Cap Units:	
Contam. Migrated:				Cylinder Mat Type:	
Contact Natural Env:				Near Body of Water:	
Incident Location:	412 & 414 Churchill Avenue, Ottawa - 1" Pipeline Hit				
Occurrence Narrative:	Gas Line not properly Located.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Operation Type Involved:					
Item:					
Item Description:					
Device Installed Location:					

33	1 of 1	E/162.6	72.9 / 2.99	450 CHURCHILL AVENUE NORTH Ottawa ON	WWIS
Well ID:	7154750			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	11/19/2010
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	6964
Casing Material:				Form Version:	7
Audit No:	Z107025			Owner:	
Tag:	A094415			Street Name:	450 CHURCHILL AVENUE NORTH
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7154750.pdf

Additional Detail(s) (Map)

Well Completed Date: 2010/09/15
Year Completed: 2010
Depth (m): 7.95
Latitude: 45.3900495345304
Longitude: -75.7527335985327
Path: 715\7154750.pdf

Bore Hole Information

Bore Hole ID:	1003411150	Elevation:	78.010704
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441077.00
Code OB Desc:		North83:	5026557.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	15-Sep-2010 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1003549137			
Layer:		2			
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.6700000762939453			
Formation End Depth:		3.049999952316284			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003549136			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		84			
Mat3 Desc:		SILTY			
Formation Top Depth:		0.0			
Formation End Depth:		2.6700000762939453			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003549138			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		26			
Mat2 Desc:		ROCK			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3.049999952316284			
Formation End Depth:		7.949999809265137			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003549141			
Layer:		1			
Plug From:		0			
Plug To:		3.70000004768372			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003549142			
Layer:		2			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Plug From:</i>		3.70000004768372			
<i>Plug To:</i>		7.94999980926514			
<i>Plug Depth UOM:</i>		m			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1003549147			
<i>Method Construction Code:</i>		7			
<i>Method Construction:</i>		Diamond			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1003549135			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1003549144			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0			
<i>Depth To:</i>		4.25			
<i>Casing Diameter:</i>		3.5			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1003549145			
<i>Layer:</i>		1			
<i>Slot:</i>		10			
<i>Screen Top Depth:</i>		4.25			
<i>Screen End Depth:</i>		7.94999980926514			
<i>Screen Material:</i>		5			
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>		4.09999990463257			
<u>Water Details</u>					
<i>Water ID:</i>		1003549143			
<i>Layer:</i>					
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i>					
<i>Water Found Depth UOM:</i>		m			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1003549139			
<i>Diameter:</i>		7.5			
<i>Depth From:</i>		0.0			
<i>Depth To:</i>		3.0999999046325684			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1003549140			
Diameter:		5.599999904632568			
Depth From:		3.0999999046325684			
Depth To:		7.949999809265137			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>34</u>	1 of 1	E/169.8	71.7 / 1.82	439 Churchill Avenue North Ottawa ON K1Z 5E1	EHS
Order No:	21022600123			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	03-MAR-21			Search Radius (km):	.25
Date Received:	26-FEB-21			X:	-75.7526435
Previous Site Name:				Y:	45.390686
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
<u>35</u>	1 of 7	W/171.1	67.1 / -2.71	J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396 410 RICHMOND ROAD OTTAWA ON K2A 0G2	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Vendor			Oper Area Code:	
Licence Type:				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:					
<u>35</u>	2 of 7	W/171.1	67.1 / -2.71	J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396 410 RICHMOND ROAD OTTAWA ON K2A4C4	PES
Detail Licence No:				Operator Box:	
Licence No:	15886			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	613
Licence Type:	Limited Vendor			Oper Phone No:	7615575
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Lot: Concession: Region: District: County: Trade Name: PDF Link:</p>					
<p>Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:</p>					
35	3 of 7	W/171.1	67.1 / -2.71	J. Clark Pharmacy Care Ltd. 410 RICHMOND ROAD OTTAWA ON K2A 4C4	GEN
<p>Generator No: ON7312008 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 446110 SIC Description: 446110</p>					
<p>PO Box No: Country: Canada Choice of Contact: CO_ADMIN Co Admin: NASTRAN NAJAFI-FARD Phone No Admin: 4164931120 Ext.3218</p>					
<u>Detail(s)</u>					
<p>Waste Class: 312 Waste Class Desc: PATHOLOGICAL WASTES</p>					
<p>Waste Class: 261 Waste Class Desc: PHARMACEUTICALS</p>					
35	4 of 7	W/171.1	67.1 / -2.71	J. Clark Pharmacy Care Ltd. 410 RICHMOND ROAD OTTAWA ON K2A 4C4	GEN
<p>Generator No: ON7312008 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 446110 SIC Description: 446110</p>					
<p>PO Box No: Country: Canada Choice of Contact: CO_ADMIN Co Admin: NASTRAN NAJAFI-FARD Phone No Admin: 4164931120 Ext.3218</p>					
<u>Detail(s)</u>					
<p>Waste Class: 312 Waste Class Desc: PATHOLOGICAL WASTES</p>					
<p>Waste Class: 261 Waste Class Desc: PHARMACEUTICALS</p>					
35	5 of 7	W/171.1	67.1 / -2.71	J. Clark Pharmacy Care Ltd. 410 RICHMOND ROAD OTTAWA ON K2A 4C4	GEN
<p>Generator No: ON7312008 Status: Registered Approval Years: As of Dec 2018 Contam. Facility: MHSW Facility: SIC Code: SIC Description:</p>					
<p>PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
35	6 of 7	W/171.1	67.1 / -2.71	J. Clark Pharmacy Care Ltd. 410 RICHMOND ROAD OTTAWA ON K2A 4C4	GEN
Generator No:		ON7312008		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Jul 2020		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
35	7 of 7	W/171.1	67.1 / -2.71	J. Clark Pharmacy Care Ltd. 410 RICHMOND ROAD OTTAWA ON K2A 4C4	GEN
Generator No:		ON7312008		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Apr 2021		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
36	1 of 1	SW/171.2	69.7 / -0.13	PRIVATE OWNER 454 ROOSEVELT STORAGE TANK/BARREL OTTAWA CITY ON K2A 1Z6	SPL
Ref No:		41998		Discharger Report:	
Site No:				Material Group:	
Incident Dt:		10/11/1990		Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:		UNDERGROUND TANK LEAK		Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant UN No 1:				Site Region:	
Environment Impact:	CONFIRMED			Site Municipality:	20101
Nature of Impact:	Water course or lake			Site Lot:	
Receiving Medium:	LAND / WATER			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	10/11/1990			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	OVERSTRESS/OVERPRESSURE			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	FURNACE OIL TANK-500 L FURNACE OIL TO BASEMENT FLOOR AND OTTAWA RIVER				
Contaminant Qty:					

37	1 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES 403 RICHMOND RD OTTAWA ON K2A 0E9	GEN
Generator No:	ONF017100			PO Box No:	
Status:				Country:	
Approval Years:	88,89,90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9731				
SIC Description:	FUNERAL HOMES				
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

37	2 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES 44-171 403 RICHMOND RD OTTAWA ON K2A 0E9	GEN
Generator No:	ONF017100			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97,98,99			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9731				
SIC Description:	FUNERAL HOMES				
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

37	3 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No:	ONF017100			PO Box No:	
Status:				Country:	
Approval Years:	00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9731				
SIC Description:	FUNERAL HOMES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
			312		
			PATHOLOGICAL WASTES		
37	4 of 20	WNW/171.5	67.6 / -2.25	J.A. TUBMAN FUNERAL HOMES LIMITED 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No:	ONF017100			PO Box No:	
Status:				Country:	
Approval Years:	02,03			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
			261		
			PHARMACEUTICALS		
37	5 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No:	ONF017100			PO Box No:	
Status:				Country:	
Approval Years:	04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	812210				
SIC Description:	Funeral Homes				
<u>Detail(s)</u>					
			261		
			PHARMACEUTICALS		
			312		
			PATHOLOGICAL WASTES		
37	6 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No:	ONF017100			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	812210				
SIC Description:	Funeral Homes				
<u>Detail(s)</u>					
			261		
			PHARMACEUTICALS		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
37	7 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No:	ONF017100			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	812210				
SIC Description:	Funeral Homes				
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
37	8 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No:	ONF017100			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	812210				
SIC Description:	Funeral Homes				
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
37	9 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No:	ONF017100			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	812210				
SIC Description:	Funeral Homes				
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PATHOLOGICAL WASTES			
37	10 of 20	WNW/171.5	67.6 / -2.25	403 Richmond Rd Ottawa ON K2A0E9	EHS
Order No:	20140416094			Nearest Intersection:	
Status:	C			Municipality:	Ottawa, ON
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	28-APR-14			Search Radius (km):	.25
Date Received:	16-APR-14			X:	-75.756941
Previous Site Name:				Y:	45.391034
Lot/Building Size:					
Additional Info Ordered:					
37	11 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON	GEN
Generator No:	ONF017100			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	812210				
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
37	12 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No:	ONF017100			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:	812210				
SIC Description:	812210				
<u>Detail(s)</u>					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
37	13 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No:	ONF017100			PO Box No:	
Status:				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:	2015 No No 812210 812210			Choice of Contact: Co Admin: Phone No Admin:	CO_OFFICIAL
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	312 PATHOLOGICAL WASTES				
Waste Class: Waste Class Desc:	261 PHARMACEUTICALS				
<u>37</u>	14 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ONF017100 No 2014 No No 812210 812210			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	261 PHARMACEUTICALS				
Waste Class: Waste Class Desc:	312 PATHOLOGICAL WASTES				
<u>37</u>	15 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ONF017100 Registered As of Dec 2018			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	312 P Pathological wastes				
<u>37</u>	16 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code:	ONF017100 Registered As of Jul 2020			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
37	17 of 20	WNW/171.5	67.6 / -2.25	403 Richmond Road Ottawa ON K2A 0E9	EHS
Order No:		20281800223		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		21-AUG-20		Search Radius (km): .25	
Date Received:		18-AUG-20		X: -75.7567882	
Previous Site Name:				Y: 45.3909513	
Lot/Building Size:					
Additional Info Ordered:					
37	18 of 20	WNW/171.5	67.6 / -2.25	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN
Generator No:		ONF017100		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Apr 2021		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
37	19 of 20	WNW/171.5	67.6 / -2.25	403 Richmond Road Ottawa ON K2A 0E9	EHS
Order No:		20281800223		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		21-AUG-20		Search Radius (km): .25	
Date Received:		18-AUG-20		X: -75.7567882	
Previous Site Name:				Y: 45.3909513	
Lot/Building Size:					
Additional Info Ordered:					
37	20 of 20	WNW/171.5	67.6 / -2.25	403 Richmond Road Ottawa ON K2A 0E9	EHS
Order No:		20281800223		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		21-AUG-20		Search Radius (km): .25	
Date Received:		18-AUG-20		X: -75.7567882	
Previous Site Name:				Y: 45.3909513	
Lot/Building Size:					
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	1 of 1	WSW/172.9	69.9 / 0.03	415 Ravenhill Avenue Ottawa ON	SPL
Ref No:	8110-ACZMXA			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	8/20/2016			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Unknown / N/A
Incident Event:	Operator/Human error			Agency Involved:	
Contaminant Code:	13			Nearest Watercourse:	
Contaminant Name:	FURNACE OIL			Site Address:	415 Ravenhill Avenue
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Land			Northing:	5026484
MOE Response:				Easting:	440792
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	8/20/2016			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Primary Assessment of Incident
Incident Reason:	Unknown / N/A			Source Type:	
Site Name:	Residence <UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Oil tank dumped into truck and spilled contents				
Contaminant Qty:	0 other - see incident description				
39	1 of 3	NW/175.6	67.9 / -1.99	397 and 399 Winston Avenue Ottawa ON K2A 1Y8	EHS
Order No:	20302300371			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	28-OCT-20			Search Radius (km):	.25
Date Received:	23-OCT-20			X:	-75.7563071
Previous Site Name:				Y:	45.3915087
Lot/Building Size:					
Additional Info Ordered:					
39	2 of 3	NW/175.6	67.9 / -1.99	397 and 399 Winston Avenue Ottawa ON K2A 1Y8	EHS
Order No:	20302300371			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	28-OCT-20			Search Radius (km):	.25
Date Received:	23-OCT-20			X:	-75.7563071
Previous Site Name:				Y:	45.3915087
Lot/Building Size:					
Additional Info Ordered:					
39	3 of 3	NW/175.6	67.9 / -1.99	397 and 399 Winston Avenue Ottawa ON K2A 1Y8	EHS
Order No:	20302300371			Nearest Intersection:	
Status:	C			Municipality:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Type: Standard Report Report Date: 28-OCT-20 Date Received: 23-OCT-20 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Client Prov/State: ON Search Radius (km): .25 X: -75.7563071 Y: 45.3915087					
40	1 of 1	WSW/176.6	68.3 / -1.55	ESSO PETROLEUM CANADA ON SIDE OF ROAD BETWEEN 566 AND 570 BYRON TANK TRUCK (CARGO) OTTAWA CITY ON	SPL
Ref No: 151242 Site No: Incident Dt: 1/8/1998 Year: Incident Cause: PIPE/HOSE LEAK Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: NOT ANTICIPATED Nature of Impact: Other Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 1/8/1998 Dt Document Closed: Incident Reason: UNKNOWN Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: ESSO HOME COMFORT: 2 L OF FURNACE OIL TO ASPHALT DURING DELIVERY. Contaminant Qty:					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20101 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:					
41	1 of 1	NNE/177.5	68.9 / -0.99	561391 Ontario Inc. 350 Richmond Road Ottawa ON K2A 0E8	GEN
Generator No: ON1337355 Status: Approval Years: 03,04 Contam. Facility: MHSW Facility: SIC Code: SIC Description:					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
42	1 of 2	W/180.0	67.2 / -2.69	DOUBLE L PRINTERS 416 RICHMOND RD OTTAWA ON K2A 0G2	SCT
Established: 1969 Plant Size (ft²): 2500 Employment: 6					
--Details-- Description: COMMERCIAL PRINTING, LITHOGRAPHIC SIC/NAICS Code: 2752					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		COMMERCIAL PRINTING, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		2759			
Description:		Quick Printing			
SIC/NAICS Code:		323114			
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Other Printing			
SIC/NAICS Code:		323119			
42	2 of 2	W/180.0	67.2 / -2.69	Double L Printers - Div. of 595511 Ontario Inc. 416 Richmond Rd Ottawa ON K2A 0G2	SCT
Established:		1969			
Plant Size (ft²):		2500			
Employment:		6			
43	1 of 2	NW/181.2	67.9 / -2.01	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.			
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
43	2 of 2	NW/181.2	67.9 / -2.01	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.			
44	1 of 1	NNE/182.0	68.9 / -0.99	BlackCherry Digital Media Inc. 346 Richmond Rd Suite 210 Ottawa ON K2A 0E8	SCT
Established:		01-AUG-04			
Plant Size (ft²):					
Employment:					

--Details--

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

45	1 of 2	WNW/184.6	66.8 / -3.10	401 Richmond Road Ottawa ON K2A 0E9	EHS
Order No:	20110520022		Nearest Intersection:		
Status:	C		Municipality:		
Report Type:	Standard Report		Client Prov/State: ON		
Report Date:	5/26/2011		Search Radius (km): 0.25		
Date Received:	5/20/2011 10:33:36 AM		X: -75.756609		
Previous Site Name:			Y: 45.391076		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				

45	2 of 2	WNW/184.6	66.8 / -3.10	401 RICHMOND RD Ottawa ON	WWIS
Well ID:	7180984		Data Entry Status:		
Construction Date:			Data Src:		
Primary Water Use:	Test Hole		Date Received: 5/17/2012		
Sec. Water Use:			Selected Flag: True		
Final Well Status:	Observation Wells		Abandonment Rec:		
Water Type:			Contractor: 6964		
Casing Material:			Form Version: 7		
Audit No:	Z134670		Owner:		
Tag:	A108243		Street Name: 401 RICHMOND RD		
Construction Method:			County: OTTAWA		
Elevation (m):			Municipality: NEPEAN TOWNSHIP		
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot:		
Well Depth:			Concession:		
Overburden/Bedrock:			Concession Name:		
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7180984.pdf				

Additional Detail(s) (Map)

Well Completed Date:	2011/08/09
Year Completed:	2011
Depth (m):	5.28
Latitude:	45.3912018446211
Longitude:	-75.7567986138181
Path:	718\7180984.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1003781307			Elevation:	66.710906
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	440760.00
Code OB Desc:				North83:	5026688.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	09-Aug-2011 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID:	1004309961
Layer:	1
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	60
Mat2 Desc:	CEMENTED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.15000000596046448
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	1004309964
Layer:	4
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0399999618530273
Formation End Depth:	5.28000020980835
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	1004309963
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	13
Mat3 Desc:	BOULDERS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0.7599999904632568			
Formation End Depth:		1.03999999618530273			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004309962			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		01			
Mat2 Desc:		FILL			
Mat3:		35			
Mat3 Desc:		WOOD FRAGMENTS			
Formation Top Depth:		0.15000000596046448			
Formation End Depth:		0.7599999904632568			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004309972			
Layer:		2			
Plug From:		2.45000004768372			
Plug To:		5.28000020980835			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004309971			
Layer:		1			
Plug From:		0			
Plug To:		2.45000004768372			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004309970			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004309960			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004309967			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		3.79999995231628			
Casing Diameter:		3.5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004309968			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.79999995231628			
Screen End Depth:		5.28000020980835			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.09999990463257			
<u>Water Details</u>					
Water ID:		1004309966			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		3.5			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004309965			
Diameter:		7.5			
Depth From:		0.0			
Depth To:		5.28000020980835			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

46	1 of 2	NNE/185.7	68.9 / -0.99	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				

46	2 of 2	NNE/185.7	68.9 / -0.99	WESTBORO PHARMACY LTD WESTBORO PHARMACY LIMITED 340 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No:	ON1842422			PO Box No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approval Years: 02,03,04 Contam. Facility: MHSW Facility: SIC Code: SIC Description:				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					
47	1 of 1	SW/189.8	69.8 / -0.03	Westminster Presbyterian Church 470 Roosevelt Avenue Ottawa ON K2A 1Z6	GEN
Generator No: ON2986666 Status: Registered Approval Years: As of Dec 2017 Contam. Facility: MHSW Facility: SIC Code: SIC Description:				PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: 243 D Waste Class Desc: PCB					
48	1 of 2	WSW/191.0	67.7 / -2.17	Bourk's Property Management Limited 575 BYRON AVE, OTTAWA, ON, K2A 4C4 ON K2A 4C4	RSC
RSC ID: 77721 RA No: RSC Type: Curr Property Use: Industrial Ministry District: OTTAWA Filing Date: 1-Jun-10 Date Ack: Date Returned: Restoration Type: Soil Type: Criteria: CPU Issued Sect 1686: No Asmt Roll No: Prop ID No (PIN): Property Municipal Address: Mailing Address: Latitude & Longitude: UTM Coordinates: Consultant: Legal Desc:				Cert Date: 19-Apr-10 Cert Prop Use No: No CPU Intended Prop Use: Residential Qual Person Name: William Bourk Stratified (Y/N): Audit (Y/N): Entire Leg Prop. (Y/N): No Accuracy Estimate: 11 to 20 meters Telephone: 613-5912402 Fax: 613-5995234 Email: bbourk@bourks.com	
		Part of 03971-0390 (LT) and all of PIN 03971-0393 (LT) 575 BYRON AVE, OTTAWA, ON, K2A 4C4 4009 CARLING AVE, KANATA (OTTAWA), ON, K2K 2A3 45.39027780N 75.75722220W NAD83 18-440726-5026586 (converted from Latitude & Longitude)			
		PART OF LOTS 17, 18, 19 AND 20, SOUTH SIDE OF RICHMOND ROAD, PLAN 179; PART OF LOTS 14, 15, 16, 17, 18, 19 AND 20, NORTH SIDE OF JAMES STREET, PLAN 179; PART OF LOT 13, SOUTH SIDE OF RICHMOND ROAD, PLAN 204; ALL OF LOT 14, WEST SIDE OF ROOSEVELT AVENUE (FORMERLY RIVER STREET), PLAN 204; ALL OF LOTS 14, 15, 16, 17, 18, 19 AND 20, SOUTH SIDE OF RICHMOND ROAD, PLAN 204; PARTS 1, 2, 3, 4 AND 5 PLAN 4R23857 EXCEPT PARTS 4, 7, 9, 10, 11, 12, 14, 15, 16 AND 17 PLAN 4R24019. S/T AN EASEMENT IN FAVOUR OF CITY OF OTTAWA OVER PARTS 4 AND 5 PLAN 4R23857 AS IN LT1209818. TOGETHER WITH AN EASEMENT IN FAVOUR OF ALL OF LOTS 14, 15, 16 AND 17 AND PART OF			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				<p>LOTS 13 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND ALL OF LOT 14 WEST SIDE OF ROOSEVELT AVENUE PLAN 204, PART OF LOTS 17 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 14, 15, 16, 17 AND 18 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 2, 3, 4 AND 5 PLAN 4R23857 OVER PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 18, 19 AND 20 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 4, 7, 9, 10, 11, 12, 14, 15, 16 AND 17 PLAN 4R24019 AS IN OC1065862. TOGETHER WITH AN EASEMENT IN FAVOUR OF ALL OF LOTS 14, 15, 16 AND 17 AND PART OF LOTS 13 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND ALL OF LOT 14 WEST SIDE OF ROOSEVELT AVENUE PLAN 204, PART OF LOTS 17 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 14, 15, 16, 17 AND 18 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 2, 3, 4 AND 5 PLAN 4R23857 OVER PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 18, 19 AND 20 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 4, 7, 9, 10, 11, 12, 14, 15, 16 AND 17 PLAN 4R24019 AS IN OC1065862. TOGETHER WITH AN EASEMENT IN FAVOUR OF ALL OF LOTS 14, 15, 16 AND 17 AND PART OF LOTS 13 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND ALL OF LOT 14 WEST SIDE OF ROOSEVELT AVENUE PLAN 204, PART OF LOTS 17 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 14, 15, 16, 17 AND 18 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 2, 3, 4 AND 5 PLAN 4R23857 OVER PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 18, 19 AND 20 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 4, 7, 9, 10, 11, 12, 14, 15, 16 AND 17 PLAN 4R24019 AS IN OC1065862. TOGETHER WITH AN EASEMENT IN FAVOUR OF ALL OF LOTS 14, 15, 16 AND 17 AND PART OF LOTS 13 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND ALL OF LOT 14 WEST SIDE OF ROOSEVELT AVENUE PLAN 204, PART OF LOTS 17 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 14, 15, 16, 17 AND 18 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 2, 3, 4 AND 5 PLAN 4R23857 OVER PART OF LOTS 18 AND 19 SOUTH SIDE OF RICHMOND ROAD PLAN 204, PART 14 PLAN 4R24019 AS IN OC1065862. TOGETHER WITH AN EASEMENT IN FAVOUR OF ALL OF LOTS 14, 15, 16 AND 17 AND PART OF LOTS 13 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND ALL OF LOT 14 WEST SIDE OF ROOSEVELT AVENUE PLAN 204, PART OF LOTS 17 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 14, 15, 16, 17 AND 18 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 2, 3, 4 AND 5 PLAN 4R23857 OVER PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 18, 19 AND 20 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 4, 7, 9, 10, 11, 12, 14, 15, 16 AND 17 PLAN 4R24019 AS IN OC1065862.</p>	
Measurement Method:		Digitized from a satellite image			
Applicable Standards:		Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use			
RSC PDF:					

48	2 of 2	WSW/191.0	67.7 / -2.17	Burke Family Properties 575 Byron Ave Ottawa ON K2A 4C4	GEN
Generator No:	ON9387703			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	236220				
SIC Description:	Commercial and Institutional Building Construction				
Detail(s)					
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				

49	1 of 1	NW/196.0	67.4 / -2.46	Entomological Society of Cda 393 Winston Ave Ottawa ON K2A 1Y8	SCT
Established:	01-DEC-68				
Plant Size (ft²):					
Employment:					

--Details--

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		Professional Organizations			
SIC/NAICS Code:		813920			
50	1 of 1	W/196.1	66.9 / -2.99	Tall Tree Technologies Inc. 422 B Richmond Rd Ottawa ON K2A 0G2	GEN
Generator No:	ON6274467			PO Box No:	
Status:				Country:	
Approval Years:	07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	451110				
SIC Description:	Sporting Goods Stores				
Detail(s)					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
51	1 of 1	NNE/200.0	68.9 / -1.01	343 RICHMOND ROAD Ottawa ON K2A 0E7	HINC
External File Num:	FS INC 0609-02847				
Fuel Occurrence Type:	Pipeline Strike				
Date of Occurrence:	10/18/2006				
Fuel Type Involved:	Natural Gas				
Status Desc:	Completed - Causal Analysis(End)				
Job Type Desc:	Incident/Near-Miss Occurrence (FS)				
Oper. Type Involved:	Commercial (e.g. restaurant, business unit, etc)				
Service Interruptions:	Yes				
Property Damage:	No				
Fuel Life Cycle Stage:	Utilization				
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:No Human Factors:Yes				
Reported Details:					
Fuel Category:	Gaseous Fuel				
Occurrence Type:	Incident				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
County Name:	Ottawa				
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
52	1 of 5	WSW/202.5	67.9 / -1.94	574/576 Byron Avenue Ottawa ON K2A 0E4	EHS
Order No:	20200417062			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	22-APR-20			Search Radius (km):	.25
Date Received:	17-APR-20			X:	-75.7571124
Previous Site Name:				Y:	45.3895974
Lot/Building Size:					
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	2 of 5	WSW/202.5	67.9 / -1.94	574/576 Byron Avenue Ottawa ON K2A 0E4	EHS
Order No:	20200417062	Nearest Intersection:			
Status:	C	Municipality:	Ottawa		
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	22-APR-20	Search Radius (km):	.25		
Date Received:	17-APR-20	X:	-75.7571124		
Previous Site Name:		Y:	45.3895974		
Lot/Building Size:					
Additional Info Ordered:					
52	3 of 5	WSW/202.5	67.9 / -1.94	574/576 Byron Avenue Ottawa ON K2A 0E4	EHS
Order No:	20200417062	Nearest Intersection:			
Status:	C	Municipality:	Ottawa		
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	22-APR-20	Search Radius (km):	.25		
Date Received:	17-APR-20	X:	-75.7571124		
Previous Site Name:		Y:	45.3895974		
Lot/Building Size:					
Additional Info Ordered:					
52	4 of 5	WSW/202.5	67.9 / -1.94	574/576 Byron Avenue Ottawa ON K2A 0E4	EHS
Order No:	20200417062	Nearest Intersection:			
Status:	C	Municipality:	Ottawa		
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	22-APR-20	Search Radius (km):	.25		
Date Received:	17-APR-20	X:	-75.7571124		
Previous Site Name:		Y:	45.3895974		
Lot/Building Size:					
Additional Info Ordered:					
52	5 of 5	WSW/202.5	67.9 / -1.94	574/576 Byron Avenue Ottawa ON K2A 0E4	EHS
Order No:	20200417062	Nearest Intersection:			
Status:	C	Municipality:	Ottawa		
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	22-APR-20	Search Radius (km):	.25		
Date Received:	17-APR-20	X:	-75.7571124		
Previous Site Name:		Y:	45.3895974		
Lot/Building Size:					
Additional Info Ordered:					
53	1 of 1	NNE/206.4	68.9 / -1.01	345 Richmond Road Ottawa ON K2A 0E7	EHS
Order No:	20090504042	Nearest Intersection:			
Status:	C	Municipality:	Ottawa		
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	5/13/2009	Search Radius (km):	0.25		
Date Received:	5/4/2009	X:	-75.754352		
Previous Site Name:		Y:	45.392197		
Lot/Building Size:					
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
54	1 of 1	NNE/212.8	68.9 / -0.99	Richmond Rd Churchill Ave N Ottawa ON	EHS
Order No:	20170727127			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	03-AUG-17			Search Radius (km):	.25
Date Received:	27-JUL-17			X:	-75.753809
Previous Site Name:				Y:	45.392155
Lot/Building Size:					
Additional Info Ordered:					
55	1 of 1	NE/213.6	68.7 / -1.12	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:					
56	1 of 2	WSW/214.6	67.9 / -1.94	Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON	CA
Certificate #:	3435-4KDS7N				
Application Year:	00				
Issue Date:	5/17/00				
Approval Type:	Municipal & Private sewage				
Status:	Approved				
Application Type:	New Certificate of Approval				
Client Name:	Corporation of the City of Ottawa				
Client Address:	111 Sussex Drive, 7th Floor				
Client City:	Ottawa				
Client Postal Code:	K1N 5A1				
Project Description:	Construction of a Sanitary Sewer on Golden Ave. from Ravenhill Ave. to Byron Ave. Construction of a Sanitary Sewer on Ravenhill Ave. from Cole St. to Golden Ave. Construction of a Sanitary Sewer on Cole St. from Avondale Ave. to Ravenhill Ave.				
Contaminants:					
Emission Control:					
56	2 of 2	WSW/214.6	67.9 / -1.94	Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON	CA
Certificate #:	0267-4KEHS6				
Application Year:	00				
Issue Date:	5/17/00				
Approval Type:	Municipal & Private water				
Status:	Approved				
Application Type:	New Certificate of Approval				
Client Name:	Corporation of the City of Ottawa				
Client Address:	111 Sussex Drive, 7th Floor				
Client City:	Ottawa				
Client Postal Code:	K1N 5A1				
Project Description:	Construction of a Watermain on Cole St. from Avondale Ave. to Ravenhill Ave. Construction of a Watermain on Ravenhill Ave. from Cole St. to Golden Ave. Construction of a Watermain on Golden Ave. from Ravenhill Ave. to				

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

Contaminants:
Emission Control:

57	1 of 1	NNE/215.8	68.6 / -1.31	337 Richmond Road Ottawa ON K2A 0E7	EHS
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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
Lot/Building Size:			
Additional Info Ordered:			

58	1 of 1	NE/217.1	69.8 / -0.08	324 RICHMOND ROAD Ottawa ON	WWIS
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Well ID:	7295754	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Test Hole	Date Received:	9/29/2017
Sec. Water Use:	Monitoring	Selected Flag:	True
Final Well Status:	Monitoring and Test Hole	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z258542	Owner:	
Tag:	A189841	Street Name:	324 RICHMOND ROAD
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7295754.pdf

Additional Detail(s) (Map)

Well Completed Date:	2017/08/21
Year Completed:	2017
Depth (m):	1.2192
Latitude:	45.3920082813205
Longitude:	-75.7532706138829
Path:	729\7295754.pdf

Bore Hole Information

Bore Hole ID:	1006738446	Elevation:	68.905883
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441037.00
Code OB Desc:		North83:	5026775.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	21-Aug-2017 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks:				Location Method:	WWF
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>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			
Mat2 Desc:		HARD			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
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			
Mat2 Desc:		LAYERED			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		3.0			
Formation End Depth:		4.0			
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			
Mat2 Desc:		GRAVEL			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		1.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Plug ID:</i>		1006884710			
<i>Layer:</i>		2			
<i>Plug From:</i>		1			
<i>Plug To:</i>		2			
<i>Plug Depth UOM:</i>		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1006884712			
<i>Layer:</i>		4			
<i>Plug From:</i>		19			
<i>Plug To:</i>		40			
<i>Plug Depth UOM:</i>		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1006884711			
<i>Layer:</i>		3			
<i>Plug From:</i>		2			
<i>Plug To:</i>		19			
<i>Plug Depth UOM:</i>		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1006884709			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		1			
<i>Plug Depth UOM:</i>		ft			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1006884708			
<i>Method Construction Code:</i>		D			
<i>Method Construction:</i>		Direct Push			
<i>Other Method Construction:</i>		DIAMOND			
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1006884697			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1006884705			
<i>Layer:</i>		1			
<i>Slot:</i>		10			
<i>Screen Top Depth:</i>		20			
<i>Screen End Depth:</i>		40			
<i>Screen Material:</i>		5			
<i>Screen Depth UOM:</i>		ft			
<i>Screen Diameter UOM:</i>		inch			
<i>Screen Diameter:</i>		1.6599999666214			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		1006884703			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006884702			
Diameter:		2.375			
Depth From:		4.0			
Depth To:		40.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1006884701			
Diameter:		2.875			
Depth From:		0.0			
Depth To:		4.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
59	1 of 1	W/217.6	66.9 / -2.99	Bourke Family Development Inc. 430 Richmond Road/Relocation storm sewer on Byron Avenue Ottawa ON K2P 1L5	ECA
Approval No:	3911-7BKMY9			MOE District:	
Approval Date:	2008-02-07			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Bourke Family Development Inc.				
Address:	430 Richmond Road/Relocation storm sewer on Byron Avenue				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3725-7BHTC5-14.pdf				
60	1 of 1	SW/222.4	69.8 / -0.06	FRANCIS FUELS 461 COLE AVE, ROADWAY IN FRONT OF TANK TRUCK (CARGO) OTTAWA CITY ON K2A 2B1	SPL
Ref No:	121152			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	11/24/1995			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:	20101

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Nature of Impact: Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 11/24/1995 Dt Document Closed: Incident Reason: GASKET/JOINT Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: FRANCIS FUELS-10L FURNACE OIL TO PVMT.NO DRAINS/ SEWERS AFFECTED.CLEANING. Contaminant Qty:				Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	

61	1 of 1	WNW/224.3	67.0 / -2.91	389 Roosevelt Ave Ottawa ON K2A1Y9	EHS
Order No: 20161201074 Status: C Report Type: Standard Report Report Date: 08-DEC-16 Date Received: 01-DEC-16 Previous Site Name: Lot/Building Size: ~0.5 ha Additional Info Ordered:				Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.757172 Y: 45.391455	

62	1 of 2	SE/224.8	73.8 / 3.92	Uniform Urban Developments Ltd. 488 Edison Avenue Ottawa ON K2A 1T9	CA
Certificate #: 5737-5RBJCF Application Year: 2003 Issue Date: 9/16/2003 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:					

62	2 of 2	SE/224.8	73.8 / 3.92	Uniform Urban Developments Ltd. 488 Edison Avenue Ottawa ON K2G 5X3	ECA
Approval No: 5737-5RBJCF Approval Date: 2003-09-16 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Uniform Urban Developments Ltd. Address: 488 Edison Avenue Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0349-5QVRRG-14.pdf				MOE District: Ottawa City: Longitude: -75.75316 Latitude: 45.388683 Geometry X: Geometry Y:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
63	1 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA ON K2A 4H1	PRT
Location ID: 11059 Type: retail Expiry Date: 1995-02-28 Capacity (L): 21491 Licence #: 0055798001					
63	2 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA ON K2A 4H1	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No: 9821356 Status: EXPIRED Instance ID: Instance Type: FS Facility Description: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 3/2/1994 Original Source: EXP Record Date: Up to May 2013					
63	3 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No: 10905998 Status: EXPIRED Instance ID: 50761 Instance Type: FS Piping Description: FS Piping TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: Original Source: EXP Record Date: Up to Mar 2012					
63	4 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA ON	DTNK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Delisted Expired Fuel Safety Facilities</u>					
				Instance No: 10905966 Status: EXPIRED Instance ID: 51454 Instance Type: FS Piping Description: FS Piping TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: Original Source: EXP Record Date: Up to Mar 2012	
63	5 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
				Instance No: 10906016 Status: EXPIRED Instance ID: 51719 Instance Type: FS Piping Description: FS Piping TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: Original Source: EXP Record Date: Up to Mar 2012	
63	6 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
				Instance No: 10905983 Status: EXPIRED Instance ID: 52618 Instance Type: FS Piping Description: FS Piping TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: Original Source: EXP Record Date: Up to Mar 2012	
63	7 of 15	W/231.0	65.8 / -4.07	415 Richmond Rd Ottawa ON K2A4H1	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20140324007 Status: C Report Type: Custom Report Report Date: 27-MAR-14 Date Received: 24-MAR-14 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.757707 Y: 45.3905					
63	8 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	EXP
Instance No: 10905992 Status: EXPIRED Instance ID: Instance Type: Instance Creation Dt: 10/2/1989 Instance Install Dt: 10/2/1989 Item: Item Description: FS Liquid Fuel Tank Facility Type: FS LIQUID FUEL TANK Overfill Prot Type: NULL Creation Date: 7/5/2009 1:22:04 AM Expired Date: Manufacturer: NULL Source: FS Liquid Fuel Tank Description: UNDERGROUND TANK Serial No: NULL Ulc Standard: NULL Facility Location: 415 RICHMOND RD OTTAWA K2A 4H1 ON CA					
Model: NULL Quantity: 1 Unit of Measure: EA Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: NULL Panam Venue Nm: NULL					
63	9 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	EXP
Instance No: 10905974 Status: EXPIRED Instance ID: Instance Type: Instance Creation Dt: 10/2/1989 Instance Install Dt: 10/2/1989 Item: Item Description: FS Liquid Fuel Tank Facility Type: FS LIQUID FUEL TANK Overfill Prot Type: NULL Creation Date: 7/5/2009 1:22:05 AM Expired Date: Manufacturer: NULL Source: FS Liquid Fuel Tank Description: UNDERGROUND TANK Serial No: NULL Ulc Standard: NULL Facility Location: 415 RICHMOND RD OTTAWA K2A 4H1 ON CA					
Model: NULL Quantity: 1 Unit of Measure: EA Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: NULL Panam Venue Nm: NULL					
63	10 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ON					
Instance No:	10906007			Model:	NULL
Status:	EXPIRED			Quantity:	1
Instance ID:				Unit of Measure:	EA
Instance Type:				Fuel Type2:	NULL
Instance Creation Dt:	10/2/1989			Fuel Type3:	NULL
Instance Install Dt:	10/2/1989			Piping Steel:	
Item:				Piping Galvanized:	
Item Description:	FS Liquid Fuel Tank			Tank Single Wall St:	
Facility Type:	FS LIQUID FUEL TANK			Piping Underground:	
Overfill Prot Type:	NULL			Tank Underground:	
Creation Date:	7/5/2009 1:22:07 AM			Panam Related:	NULL
Expired Date:				Panam Venue Nm:	NULL
Manufacturer:	NULL				
Source:	FS Liquid Fuel Tank				
Description:	UNDERGROUND TANK				
Serial No:	NULL				
Ulc Standard:	NULL				
Facility Location:	415 RICHMOND RD OTTAWA K2A 4H1 ON CA				

63	11 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	EXP
Instance No:	10905957			Model:	NULL
Status:	EXPIRED			Quantity:	1
Instance ID:				Unit of Measure:	EA
Instance Type:				Fuel Type2:	NULL
Instance Creation Dt:	10/2/1989			Fuel Type3:	NULL
Instance Install Dt:	10/2/1989			Piping Steel:	
Item:				Piping Galvanized:	
Item Description:	FS Liquid Fuel Tank			Tank Single Wall St:	
Facility Type:	FS LIQUID FUEL TANK			Piping Underground:	
Overfill Prot Type:	NULL			Tank Underground:	
Creation Date:	7/5/2009 1:22:10 AM			Panam Related:	NULL
Expired Date:				Panam Venue Nm:	NULL
Manufacturer:	NULL				
Source:	FS Liquid Fuel Tank				
Description:	UNDERGROUND TANK				
Serial No:	NULL				
Ulc Standard:	NULL				
Facility Location:	415 RICHMOND RD OTTAWA K2A 4H1 ON CA				

63	12 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	FST
Instance No:	10905992			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:	FS LIQUID FUEL TANK			Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	10/2/1989			Fuel Type3:	NULL
Install Year:	1983			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Capacity:	25000			Num Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:					
Facility Location:					
Device Installed Location:		415 RICHMOND RD OTTAWA K2A 4H1 ON CA			

Fuel Storage Tank Details

Owner Account Name: DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED

63	13 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	FST
Instance No:	10906007			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:	FS LIQUID FUEL TANK			Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	10/2/1989			Fuel Type3:	NULL
Install Year:	1976			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	22700			Num Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:					
Facility Location:					
Device Installed Location:		415 RICHMOND RD OTTAWA K2A 4H1 ON CA			

Fuel Storage Tank Details

Owner Account Name: DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED

63	14 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	FST
Instance No:	10905974			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:	FS LIQUID FUEL TANK			Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	10/2/1989			Fuel Type3:	NULL
Install Year:	1983			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	25000			Num Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:				Panam Venue:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:					
Facility Location:					
Device Installed Location:		415 RICHMOND RD OTTAWA K2A 4H1 ON CA			
Fuel Storage Tank Details					
Owner Account Name:		DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED			

63	15 of 15	W/231.0	65.8 / -4.07	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	FST
Instance No:		10905957		Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:		FS LIQUID FUEL TANK		Unit of Measure:	
Item Description:		FS Liquid Fuel Tank		Fuel Type: Gasoline	
Tank Type:		Liquid Fuel Single Wall UST		Fuel Type2: NULL	
Install Date:		10/2/1989		Fuel Type3: NULL	
Install Year:		1983		Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		25000		Num Underground:	
Tank Material:		Steel		Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:					
Facility Location:					
Device Installed Location:		415 RICHMOND RD OTTAWA K2A 4H1 ON CA			
Fuel Storage Tank Details					
Owner Account Name:		DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED			

64	1 of 1	NNE/231.9	68.6 / -1.31	337 RICHMOND RD Ottawa ON	WWIS
Well ID:		7171703		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Monitoring and Test Hole		Date Received: 11/15/2011	
Sec. Water Use:		0		Selected Flag: True	
Final Well Status:		Test Hole		Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No:		Z134378		Owner:	
Tag:		A106606		Street Name: 337 RICHMOND RD	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: OTTAWA CITY	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7171703.pdf

Additional Detail(s) (Map)

Well Completed Date: 2011/09/08
Year Completed: 2011
Depth (m): 9.14
Latitude: 45.3923987409827
Longitude: -75.7541189779868
Path: 717\7171703.pdf

Bore Hole Information

Bore Hole ID:	1003606801	Elevation:	66.915748
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	440971.00
Code OB Desc:		North83:	5026819.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	08-Sep-2011 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1004064137
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 0.6100000143051147
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1004064138
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 68
Mat2 Desc: DRY
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0.6100000143051147
Formation End Depth: 9.140000343322754

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Formation End Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1004064148			
<i>Layer:</i>		3			
<i>Plug From:</i>		1.5			
<i>Plug To:</i>		9.14000034332275			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1004064147			
<i>Layer:</i>		2			
<i>Plug From:</i>		0.310000002384186			
<i>Plug To:</i>		1.5			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1004064146			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		0.310000002384186			
<i>Plug Depth UOM:</i>		m			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1004064145			
<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>		1004064136			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1004064141			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0			
<i>Depth To:</i>		1.5			
<i>Casing Diameter:</i>		4.03000020980835			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1004064142			
<i>Layer:</i>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Slot: 10 Screen Top Depth: 1.5 Screen End Depth: 9.14000034332275 Screen Material: 5 Screen Depth UOM: m Screen Diameter UOM: cm Screen Diameter: 4.82000017166138					
<u>Water Details</u>					
Water ID: 1004064140 Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1004064139 Diameter: 5.710000038146973 Depth From: 0.0 Depth To: 9.140000343322754 Hole Depth UOM: m Hole Diameter UOM: cm					
65	1 of 1	NNW/235.6	66.8 / -3.09	363 Madison Ave Ottawa ON K2A0B6	EHS
Order No: 20130709019 Status: C Report Type: Standard Report Report Date: 18-JUL-13 Date Received: 09-JUL-13 Previous Site Name: Unknown Lot/Building Size: 450 sm Additional Info Ordered:					
Nearest Intersection: Municipality: Ottawa Client Prov/State: ON Search Radius (km): .25 X: -75.755576 Y: 45.392404					
66	1 of 2	NE/240.7	69.8 / -0.08	Valberg Imaging 322 Richmond Rd Ottawa ON K1Z 6X6	SCT
Established: 01-DEC-85 Plant Size (ft²): Employment:					
--Details--					
Description: Other Printing SIC/NAICS Code: 323119 Description: Photographic Services SIC/NAICS Code: 541920					
66	2 of 2	NE/240.7	69.8 / -0.08	322 Richmond Rd Ottawa ON K1Z6X6	EHS
Order No: 20170719096 Status: C Report Type: Standard Report					
Nearest Intersection: Municipality: Client Prov/State: ON					

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

67	1 of 1	W/242.8	66.0 / -3.90	BOURKS IGNITION LTD 426 RICHMOND RD OTTAWA ON K2A 0G2	PRT
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Location ID: 11060
Type: private
Expiry Date: 1993-12-31
Capacity (L): 0.00
Licence #: 0037308001

Unplottable Summary

Total: **28** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	CITY	BYRON AVE.	OTTAWA ON	
CA		Richmond Road	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	OTTAWA CITY	ROOSEVELT AVE.	OTTAWA CITY ON	
CA	Bourke Family Development Inc.	Byron Ave Registered Plan No. 204	Ottawa ON	
CA	City of Ottawa	Madison Avenue Madison Avenue (Churchill Avenue to Winston Avenue)	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	TEM DEVELOPMENTS LTD.	KENWOOD AVENUE	OTTAWA CITY ON	
CA	OTTAWA CITY	CHURCHILL AVE.	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	OTTAWA CITY	BYRON AVENUE	OTTAWA CITY ON	
CONV	IMPERIAL OIL LIMITED		DON MILLS ON	
CONV	IMPERIAL OIL LIMITED		NORTH YORK ON	
ECA	2317916 Ontario Inc.	Roosevelt Ave	Ottawa ON	K1S 3J2
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
SPL	ESSO PETROLEUM CANADA	ESSO DISTRIBUTION STATION BULK STATION	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	Esso Petroleum Canada, A Division of Imperial Oil Limited	Nepean	Ottawa ON
SPL	ESSO PETROLEUM CANADA	BULK STATION	OTTAWA CITY ON
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON
SPL	FRANCIS FUELS	LEMIEUX FILTRATION PLANT TANK TRUCK (CARGO)	OTTAWA-CARLETON R. M. ON
SPL	ESSO PETROLEUM CANADA	TRANSPORT TRUCK (CARGO)	OTTAWA CITY ON
WWIS		lot 31	ON
WWIS		lot 31	ON

Unplottable Report

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: 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: 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: OTTAWA CITY
ROOSEVELT AVE. OTTAWA CITY ON

Database:
CA

Certificate #: 3-2058-88-
Application Year: 88
Issue Date: 10/26/1988
Approval Type: Municipal sewage
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
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 of Ottawa
Richmond Road Ottawa ON

Database:
CA

Certificate #: 6859-5X8K46
Application Year: 2004
Issue Date: 3/23/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
RICHMOND ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 3-1088-90-
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: 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: TEM DEVELOPMENTS LTD.
KENWOOD AVENUE OTTAWA CITY ON

Database:
CA

Certificate #: 7-1195-88-
Application Year: 88
Issue Date: 9/16/1988
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: 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: 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: IMPERIAL OIL LIMITED
DON MILLS ON

Database:
CONV

File No:
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:

Location:
Region: EASTERN REGION
Ministry District:

Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAILED TO COMPLY WITH CONDITIONS OF C. OF A.
Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 66(3)
Act/Regulation/Section: OWRA- -66(3)
Date of Offence:
Date of Conviction:
Date Charged: 6/4/93
Charge Disposition:
Fine: \$6,000
Synopsis:

Site: IMPERIAL OIL LIMITED
NORTH YORK ON

Database:
CONV

File No:
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAILED TO INSPECT OIL/WATER SEPARATOR WEEKLY & MAINTAIN LOG BOOK AT SITE
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 66(3)
Act/Regulation/Section: OWRA- -66(3)
Date of Offence:
Date of Conviction:
Date Charged: 6/4/93
Charge Disposition:
Fine: \$4,000
Synopsis:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 66(3)
Act/Regulation/Section: OWRA- -66(3)

Date of Offence:
Date of Conviction:
Date Charged: 6/4/93
Charge Disposition:
Fine: \$1,000
Synopsis:

Site: 2317916 Ontario Inc.
Roosevelt Ave Ottawa ON K1S 3J2

Database:
ECA

Approval No: 6901-8Z7LWC
Approval Date: 2012-10-31
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
Business Name: 2317916 Ontario Inc.
Address: Roosevelt Ave
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/7883-8YZSYS-14.pdf>

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: City of Ottawa
Madison Avenue Madison Avenue (Churchill Avenue to Winston Avenue) Ottawa ON K2G 6J8

Database:
ECA

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
Business Name: City of Ottawa
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: ESSO PETROLEUM CANADA
ESSO DISTRIBUTION STATION BULK STATION OTTAWA CITY ON

Database:
SPL

Ref No: 46877
Site No:
Incident Dt: 2/21/1991
Year:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Contaminant Code:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:

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: 2/21/1991
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

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:

ESSO DISTRIB. STATION - 50 L FURNACE OIL SPILLED TO LOADING DOCK. OV/FILL.

Site: **ESSO PETROLEUM CANADA**
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 47843
Site No:
Incident Dt: 3/19/1991
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/20/1991
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

ESSO HOME COMFORT - TANK TRUCK SPILLED APPROX 1 L.HEATING OIL ON GROUND

Site: **Esso Petroleum Canada, A Division of Imperial Oil Limited**
Nepean Ottawa ON

Database:
SPL

Ref No: 0874-78WNRU
Site No:
Incident Dt:
Year:
Incident Cause: Pipe Or Hose Leak
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: soil contamination
Receiving Medium: Land
Receiving Env:
MOE Response: No Field Response

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

Dt MOE Arvl on Scn:
MOE Reported Dt: 11/13/2007
Dt Document Closed: 11/16/2007
Incident Reason: Equipment Failure
Site Name: 1961 Merivale Rd<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Errentom Tanklines - 8L diesel to grd
Contaminant Qty: 8 L

Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: **ESSO PETROLEUM CANADA**
BULK STATION OTTAWA CITY ON

Database:
SPL

Ref No: 155190
Site No:
Incident Dt: 5/1/1998
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: 5/1/1998
Dt Document Closed:
Incident Reason: NEGLIGENCE (APPARENT)
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: ESSO-156 L DIESEL TO LOT,LOADING ARM NOT IN TRUCKSCOMPARTMENT,PUMP STARTED.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: **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:
Incident Summary:
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: FRANCIS FUELS
LEMIEAUX FILTRATION PLANT TANK TRUCK (CARGO) OTTAWA-CARLETON R.M. ON

Database:
SPL

Ref No: 35061
Site No:
Incident Dt: 5/22/1990
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/22/1990
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: FRANCIS FUELS-10 L DIESELFUEL TO GRAVEL.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20000
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: ESSO PETROLEUM CANADA
TRANSPORT TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 59519
Site No:
Incident Dt: 11/7/1991
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/7/1991
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: ESSO-3 LITRES DIESEL FUEL TO GRND UNDER LOADING RACK, COUPLING NOT CLOSED
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: lot 31 ON

Database:
WWIS

Well ID: 1534734
Construction Date:
Primary Water Use: Not Used

Data Entry Status:
Data Src: 1
Date Received: 6/10/2004

Sec. Water Use:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 265833
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Selected Flag: True
Abandonment Rec:
Contractor: 6907
Form Version: 2
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 031
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097509
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 31-May-2004 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932942463
Layer: 1
Color:
General Color:
Mat1: 24
Most Common Material: PREV. DRILLED
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961534734
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11101224
Casing No: 1
Comment:

Alt Name:

Results of Well Yield Testing

Pump Test ID: 991534734
Pump Set At:
Static Level: 8.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Site:
lot 31 ON

Database:
WWIS

Well ID:	1528149	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Not Used	Date Received:	8/30/1994
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	6844
Casing Material:		Form Version:	1
Audit No:	149112	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	031
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:	10049688	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	p	East83:	
Code OB Desc:	Unknown type above a bedrock layer	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	27-Jul-1994 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID: 931068737

Layer: 1
Color: 8
General Color: BLACK
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068739
Layer: 3
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068740
Layer: 4
Color: 6
General Color: BROWN
Mat1: 08
Most Common Material: FINE SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068738
Layer: 2
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068741
Layer: 5
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 74
Mat2 Desc: LAYERED
Mat3:
Mat3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113003
Layer: 1
Plug From: 3
Plug To: 7
Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113005
Layer: 3
Plug From: 9
Plug To: 20
Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113004
Layer: 2
Plug From: 7
Plug To: 9
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961528149
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10598258
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086839
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 20

Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326495
Layer: 1
Slot: 010
Screen Top Depth: 10
Screen End Depth: 20
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System:

Provincial

[AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Dec 31, 2020

Borehole:

Provincial

[BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Chemical Manufacturers and Distributors:

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations:

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Apr 2021

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Nov 2020

Certificates of Property Use:

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994- Jul 31, 2021

Drill Hole Database:

Provincial [DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks:

Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: May 31, 2021

Environmental Activity and Sector Registry:

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011- Jun 30, 2021

Environmental Registry:

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994- Jul 31, 2021

Environmental Compliance Approval:

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011- Jun 30, 2021

Environmental Effects Monitoring:

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Jun 30, 2021

Environmental Issues Inventory System:

Federal [EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by 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 / water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

List of Expired Fuels Safety Facilities:

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Federal Convictions:

Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Apr 2021

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Apr 30, 2021

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

[HINC](#)

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

[MINE](#)

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial [MNR](#)

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES):

Federal [NATE](#)

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial [NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks:

Federal [NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal [NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal [NDWD](#)

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal [NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Mar 31, 2021

National Energy Board Wells:

Federal [NEBP](#)

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells:

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites:

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders:

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Jul 31, 2021

Canadian Pulp and Paper:

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011- Jun 30, 2021

Pipeline Incidents:

Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Private and Retail Fuel Storage Tanks:

Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994- Jul 31, 2021

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2018

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Jul 2021

Retail Fuel Storage Tanks:

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory:

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database:

Provincial [SRDS](#)

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2018

Anderson's Storage Tanks:

Private [TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal [TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Dec 2020

Variations for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011- Jun 30, 2021

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial [WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30th, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial [WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Apr 30, 2021

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX 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

Karyn Munch, P.Eng. QP_{ESA} Senior Environmental Engineer

Karyn received her Bachelor's of Applied Science from Carleton University in 2002 in Environmental Engineering. Upon graduation Karyn began working as a consultant for Dessau Soprin Inc. After one year of working for Dessau, Karyn joined the Paterson Group in the Environmental Division. Karyn has worked for Paterson for 19 years and has accrued extensive field and office experience. Karyn's experience working in the field ranges from Phase I site reviews, Phase II investigations, Remediation site inspections and designated substance surveys. Through her eight years of field experience, Karyn has obtained invaluable knowledge on contractor relationships, budgets, time management, consultant/owner relation, quality data and information, and working with a variety of different personnel and situations. Since 2012, Karyn has moved into a more senior role by becoming a qualified person for environmental assessments, overseeing small to large scale environmental projects, which include, Phase I and II reports, Record of Site Conditions and Brownfield Applications. Karyn has assisted with Mark D'Arcy in the development of young staff and continuous improvement of Paterson internal systems.

EDUCATION

B.Eng. 2002, Environmental Engineering, Carleton University, Ontario, ON

LICENCE/ PROFESSIONAL AFFILIATIONS

Professional Engineers of Ontario

Ontario Society of Professional Engineers

Ottawa Geotechnical Group

YEARS OF EXPERIENCE

With Paterson: 19

With other Firms: 2

OFFICE LOCATION

154 Colonnade Road South,
Nepean, Ontario, K2E 7J5

SELECT LIST OF PROJECTS

- 409 MacKay, Ottawa, ON Phase I ESA, Phase II ESA, Phase III ESA, and Remediation Program (Project Manager)
- Redevelopment of 222 Beechwood Avenue, Ottawa, ON Phase I ESA, Phase II ESA, Phase III (Project Manager)
- 1000 Wellington Street West, Ottawa ON, Phase I ESA, Phase II ESA, Phase III ESA, Environmental Soil Remediation and filing of a Record of Site Condition (RSC) in the MECP Environmental Site Registry (Project Manager)
- 26 Stanley Avenue, Ottawa ON, Phase I ESA, Phase II ESA (Project Manager)
- Riverview Development – Kingston, ON, Phase I ESA, Phase II ESA, and filing of an RSC in the MECP Environmental Site Registry (Project Manager)
- Mixed-Use Redevelopment - Richmond Road, Phase I ESA, Phase II ESA, Soil Remediation Program (Project Manager)
- Ottawa University Desmarais Building, Ottawa, ON, Soil Remediation and Redevelopment (Project Manager)
- Rideau Centre Expansion, Ottawa, ON, Soil Remediation Program (Project Manager)
- Brownfields Applications – Residential and Commercial Redevelopment - Ottawa, Ontario
- Lees Avenue Remediation and Reconstruction, Ottawa, ON
- Phase I and Phase II Investigations in accordance with CSA standards and O.Reg 153/04

PROFESSIONAL EXPERIENCE

June 2011 to present, **Senior Environmental Engineer, Paterson Group Inc.**, Ottawa, Ontario

- Provide on-site environmental expertise for various soil and groundwater remediation projects including but not limited to the following: 222 Beechwood Remediation, 1000 Wellington Street West Remediation, 409 MacKay Street and Rideau Centre Expansion.
- Oversee Phase I and Phase II Investigations in accordance with CSA standards and O.Reg 153/04 on a variety of residential and commercial developments.
- Responsible for filing Records of Site Condition with the MOECC Environmental Site Registry.
- Preparation of submissions to the City of Ottawa's Brownfields Redevelopment Program.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations for environmental concerns.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for environment field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.

June 2009 to June 2010, **Environmental Officer, Department of Indian and Northern Affairs (INAC)**, Ottawa, Ontario

- Provided guidance and support regarding various aspects of the Contaminated Sites Management Plan (CSMP) and the Canadian Accelerated Action Plan (CEAP), to regional INAC offices.
- Reported to Federal Contaminated Sites Action Plan (FCSAP) Secretariat on monthly and quarterly CSMP progress.
- Completion of various reporting requirements including Privy Council Office (PCO) requests regarding accelerated remediation projects, Annual Reference Level Updating, Internal Quarterly Reports and First Nation Land Management (FNLM) Class 3 Remediation Projects
- Composition and revision of Three-Year CSMP and the Contaminated Sites Program Renewal.
- Management of various databases including ESSIMS (internal to INAC), IDEA (Environment Canada) and CIDM (electronic filing system) and Federal Contaminated Sites Inventory (FCSI).
- Interacted on a regular basis with other federal departments, other INAC sectors, regional INAC offices and senior management.
- Participated in Aquatic Sites Working Group (ASWG), Contaminated Sites Management Working Group (CSMWG) and Environmental Learning Regime workshops/workgroups.

January 2003 to June 2009, **Environmental Engineer, Paterson Group**, Ottawa, Ontario

- Experience in coordination and management of a variety of environmental projects. Typical projects include Phase I-Environmental Site Assessments (ESAs), Phase II and III-Environmental Site Characterizations, Soil and Groundwater Remediation Programs, Designated Substance Surveys and the preparation of Records of Site Condition.
- Coordination of contractors and field staff while directly reporting to senior management and client throughout the project to ensure completion on schedule and within budget.
- Experience in collaborating with provincial and municipal bodies as well as sub-consultants, contractors and clients.
- Extensive field experience including the management of drilling and excavation contractors, inspection of aboveground and underground fuel storage tanks, soil classification, soil and groundwater sampling, collection of hazardous building materials and designated substances.
- Responsible for the application of environmental, hydrogeological and geotechnical principles and practices in the identification and delineation of soil and groundwater contamination plumes and ensuring compliance with federal, provincial and/or municipal legal and regulatory requirements.
- Present analytical test results, interpretations, assessments, recommendations and/or conclusions in a final technical report.

August 2002 – December 2002, **Junior Engineer, Dessau Soprin Inc.**, Ottawa, Ontario

Lebreton Flats Remediation and Infrastructure Project

- Responsible for supervision of weight-scale and record keeping for soil management practices.
- Managed excavation contractors to ensure soil quality control; daily reporting to project manager.