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Phase I Environmental Site Assessment

1940 Carling Avenue Ottawa, Ontario

Prepared For

2704183 Ontario Ltd.

November 4, 2021

Report: PE4842-1R

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EXECUTIVE SUMMARY

Assessment

Paterson Group (Paterson) was retained by Mr. Domenic Santaguida of 2704183 Ontario Ltd. to conduct a Phase I Environmental Site Assessment (Phase I ESA) for the property located at 1940 Carling Avenue in Ottawa, Ontario. The purpose of this Phase I ESA was to research the former and current use of the site and study area and identify any environmental concerns with the potential to have impacted the Phase I property.

According to the historical research, the site was first developed for residential use early as 1946. The current residential dwelling has been present since the mid-1950s. No environmental concerns were identified with respect to the historical use of the Phase I property.

The adjacent properties have historically been used for residential and commercial purposes. Several historical potentially contaminating activities (PCAs) were identified within the Phase I study area. Based on their nature, separation distance, and/or orientation relative to the Phase I property, none of the off-site PCAs are considered to have resulted in areas of potential environmental concern (APECs) on the Phase I property.

Following the historical review, Paterson conducted a site visit to assess the current environmental conditions at the Phase I property. The site is currently occupied by a residential dwelling with attached (private) garage. The remainder of the property is grassed and landscaped; there is also an asphalt driveway and an inlaid brick walkway. No PCAs were identified on-site during the site visit. The properties in the study area are generally used for residential and commercial purposes. No current PCAs were identified within the Phase I study area during the site visit.

Based on the results of this assessment, it is our opinion that **a Phase II Environmental Site Assessment is not required for the Phase I property.**

Recommendations

Based on the age of the on-site building, asbestos-containing materials (ACMs) and leadbased paints may be present.

The observed plaster walls/ceilings, drywall joint compound, stipple plaster ceiling, and stick-on ceiling tiles were generally in fair to good condition. Lead-based paints may be present beneath more recent paints, on any original or older painted surfaces. Some bubbling and peeling paint was observed, primarily due to water damage, during the site visit. Given the location of the peeling, this does not represent an immediate hazard or concern. It is Paterson's understanding that the residential dwelling will be demolished as part of future redevelopment of the site. Prior to any disturbance of potentially hazardous building materials, a designated substance survey (DSS) must be conducted on the current structure, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

1.0 INTRODUCTION

At the request of 27041083 Ontario Ltd., Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) for the property located at 1940 Carling Avenue in Ottawa, Ontario, herein referred to as "the Phase I property" or "site." The purpose of this Phase I ESA was to research the former and current land use at the Phase I property and within the study area, as well as to identify any environmental concerns with the potential to have impacted the Phase I property.

Paterson was retained to conduct this Phase I ESA by Mr. Domenic Santaguida of 27041083 Ontario Ltd. (3625 Rivergate Way, Ottawa, ON, K1V 2A4). Mr. Santaguida can be reached at 613-868-5536.

This Phase I ESA report has been prepared specifically and solely for the abovenoted project, described herein, and contains the findings and assessment of the environmental conditions at this site.

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

2.0 PHASE I PROPERTY INFORMATION

Address:	1940 Carling Avenue, Ottawa, Ontario			
Legal Description:	Part of Lot 26 and Lot 27 on Plan 290559; Carling South, in the City of Ottawa			
Property Identification				
Numbers (PIN):	039840042			
Location:	The Phase I property is located on the south side of Carling Avenue, between Maplecrest Avenue and Dunlevie Avenue in Ottawa, Ontario. Refer to Figure 1 – Key Plan for the site location.			
Latitude and Longitude:	45° 22' 27" N, 75° 45' 39" W			
Site Description:				
Configuration:	Poetongular (approximato)			
	Rectangular (approximate)			
Site Area:	$3,250 \text{ m}^2$ (approximate)			
Site Area: Zoning:				
	3,250 m ² (approximate) AM10[2181] H(20) – Arterial Mainstreet Zone - Mixed			

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 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 property and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the Phase I property and, if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of O.Reg. 153/04, as amended under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- D Provide a preliminary environmental site evaluation based on our findings; and
- Provide preliminary remediation recommendations and/or recommend 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 ESA study area for this assignment. Properties located outside the 250 m radius are not considered to have impacted the Phase I property, based on their significant distance away from the site.

First Developed Use Determination

Based on a review of available historical information, the Phase I property was developed for residential and/or agricultural purposes as early as 1946. The Phase I property was developed with the current residential dwelling in the mid-1950s. Aerial photos are discussed in Section 4.3 and are presented in Appendix 1. For the purposes of this report, the property is considered to have been first developed in 1946.

Fire Insurance Plans

A fire insurance plan (FIP) from 1956 was reviewed for the general area of the Phase I property. At that time, the land use of the site and surrounding properties was generally residential. A gasoline service station was present on the southwest corner of Maitland Avenue and Carling Avenue (1886 Carling Avenue), approximately 250 metres east of the site. Two underground fuel storage tanks (USTs) are shown on this property. An automotive service station was present on the northwest corner of Maitland Avenue and Carling Avenue (1867 Carling Avenue), approximately 250 m northeast of the site. One UST is shown on this property on the 1956 FIP.

Based on the separation distances and down- or cross-gradient orientations relative to the Phase I property, these historical potentially contaminating activities (PCAs) are not considered to pose an environmental concern to the Phase I property.

City of Ottawa Street Directories

As part of this assessment, the City of Ottawa street directories for the general area of the Phase I property were reviewed at approximate ten-year intervals from 1950 to 2010. The directories indicated that the site and surrounding properties have been used for residential or commercial purposes during the time period reviewed. Although city street directories identified primarily residential properties, two PCAs were identified within the Phase I study area.

According to the city directories, a retail fuel outlet was formerly located at 1867-1883 Carling Avenue, which occupied the property from 1959 through 1986. The current commercial plaza (currently 1867 Carling Avenue) was first listed in the 1990's and included 1st Choice Haircutters, Pelican Cleaners (reportedly a drop off location only), Rogers Video, H&R Block, and various offices. This retail fuel outlet was discussed in the previous section and is not considered to represent an APEC on the Phase I property.

The property previously addressed as 1886 Carling Avenue (currently 1880 Carling Avenue) was also listed as a retail fuel outlet from the 1960's through the 1980's. Both properties have been redeveloped since the time frames noted above. This retail fuel outlet was also discussed in the previous section and is not considered to represent an APEC on the Phase I property.

Chain of Title

Paterson did not request a Chain of Title for the site as it was determined that sufficient information was gathered from other sources, and a title search back to the date of the first developed use would not contribute to obtaining information about the environmental condition of the Phase I property.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically in October 2021. The Phase I property was not listed in the NPRI database. Records were not identified for any other properties within the Phase I study area. Please refer to the ERIS report provided in Appendix 2.

PCB Inventory

A search of national PCB waste storage sites was conducted. The Phase I property is not registered as a PCB waste storage site. No PCB waste storage sites are present within the Phase I study area. Please refer to the ERIS report provided in Appendix 2.

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

Based on the ERIS report, dated January 17, 2020, there are no certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for properties within the Phase I study area. A copy of the ERIS report is provided in Appendix 2.

MECP Submissions

Based on the ERIS report, dated January 17, 2020, there are no records of reports related to environmental conditions for the Phase I property or properties within the Phase I study area. A copy of the ERIS report is provided in Appendix 2.

MECP Incident Reports

Based on the ERIS report, 3 potentially relevant spills/incidents were identified within the Phase I study area. Two of these spills/incidents involved limited releases of furnace oil and/or transformer oil at distances of 195 to 225 m from the site. The third release occurred at a residence located down-gradient of the site on the boundary of the study area. Based on the separation distances and/or orientations with respect to the Phase I property, the aforementioned spills/incidents were not considered to result in APECs on the Phase I property.

For the purposes of this Phase I ESA, natural gas line strikes during construction and certificates of approval for discharge of residential wastewater, etc., were not considered relevant, as they would not result in APECs on the site or the adjacent properties. No other records were identified. A copy of the ERIS report is provided in Appendix 2.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry (ESR) was conducted electronically in October 2021. No Record of Site Conditions (RSC) were identified related to the Phase I property. Please refer to the ERIS report provided in Appendix 2.

MECP Waste Management Records

Based on the ERIS report, dated January 17, 2020, there are no waste management records for the Phase I property or properties within the Phase I study area. A copy of the ERIS report is provided in Appendix 2.

MECP Waste Disposal Site Inventory

The Ministry of the Environment, Conservation and Parks document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. There are no former waste disposal sites located in the Phase I study area.

MECP Coal Gasification Plant Inventory

The Ministry of the Environment, Conservation and Parks 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.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I study area was conducted electronically via the Ministry of Natural Resources and Forestry (MNRF) website. No natural features or areas of natural significance were identified on the Phase I property or within the Phase I study area.

Technical Standards and Safety Authority (TSSA)

The Technical Standards and Safety Authority (TSSA) Fuels Safety Branch in Toronto was contacted on October 15, 2021, to inquire about current and former underground/aboveground storage tanks, spills, and incidents for the Phase I property and the immediately adjacent properties. According to the TSSA response, there are no records of fuel storage tanks for the Phase I property or immediately adjacent properties. A copy of the TSSA correspondence is included in Appendix 2.

According to the ERIS report dated January 17, 2020, no records were identified for the remaining properties in the Phase I study area. A copy of the ERIS report is provided in Appendix 2.

Former Industrial Sites

The report entitled "Mapping and Assessment of Former Industrial Sites, City of Ottawa" prepared by Intera Technologies Limited was also reviewed. No former industrial sites were identified within 250 m of the Phase I property.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. There are no closed landfill sites within the Phase I study area. One former landfill was identified approximately 385 m southwest of the Phase I property, south of Carling Avenue between Kingsmere Avenue and Hare Avenue, across from Glabar Park. Given the current residential land use, separation distance between the former landfill and the Phase I property, as well as the cross-gradient orientation, this former landfill does not pose a concern to the Phase I property.

City of Ottawa Historical Land Use Inventory (HLUI)

A request for information from the City's Historical Land Use Inventory (HLUI) database for the Phase I property was submitted to the City of Ottawa in January 2020. The HLUI search results indicated a former ready mix concrete manufacturer approximately 250 m from the Phase I property, near the western boundary of the study area. Given the distance to the Phase I property, the anticipated groundwater flow direction, and the redevelopment that has occurred in the study area, the former concrete factory is not considered to have resulted in an APEC on-site. A copy of the HLUI search results is provided in Appendix 2.

Environmental Risk Information Services (ERIS)

As referenced previously, Paterson obtained a standard ERIS database report, dated January 17, 2020, which provides environmental information for the Phase I property and neighbouring properties within the 250 m study area. ERIS provides information from all federal and provincial databases, as well as private databases. No other records, in addition to those previously discussed, were considered to represent PCAs within the Phase I study area. A copy of the ERIS report is available in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten-year intervals, commencing with the earliest available photograph. The photos were supplemented using the City of Ottawa's geoOttawa website, which also provides air photos of Ottawa. Based on the review, the following observations have been made:

- 1946 The Phase I property appears to be occupied by a residential dwelling. Adjacent lands to the south, east, and west are used for agricultural purposes. Carling Avenue is present to the north, followed by vacant, agricultural or treed lands. Residential development has occurred further to the east and west.
- 1953 The Phase I property appears to have been redeveloped with the existing residential dwelling. Significant residential development has occurred in the surrounding area, south of Carling Avenue. Dunlevie Avenue and Killeen Avenue are visible to the east and Maplecrest Avenue and Melwood Avenue are now visible to the west.
- 1962 No apparent changes have been made to the Phase I property, while significant development has occurred in the study area. Apartment buildings are visible north of Carling Avenue, and additional residences are visible west, south, and east of the site.
- 1975 No changes are visible on-site or on the immediately adjacent properties. The study area is now fully developed.
- 1993 No changes are visible on-site or on the immediately adjacent properties. Some redevelopment has occurred at the intersection of Carling Avenue and Maitland Avenue (i.e., the current commercial plaza is present on the northwest corner and the building that was present on the southwest corner appears to have been demolished). Please note that these two properties are located at the boundary of the study area.
- 1999 No significant changes are apparent with respect to the site or surrounding properties.
- 2010 *(City of Ottawa website)* No significant changes are apparent with respect to the site or surrounding properties.

2019 *(City of Ottawa website)* No significant changes are apparent with respect to the site or surrounding properties.

Copies of selected aerial photographs reviewed are included in Appendix 1.

Water Bodies

No water bodies are present on the Phase I property or within the study area. The nearest water body is the Ottawa River, located approximately 450 m northwest of the site at its closest point.

Topographic Maps

Topographic information was obtained from the Natural Resources Canada – The Atlas of Canada website. The topographic maps indicate that the elevation of the Phase I property is approximately 80 m above sea level. The regional topography in the vicinity of the site slopes toward the north, in the direction of the Ottawa River. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

Physiographic information was reviewed from the Natural Resources Canada – The Atlas of Canada website. According to Natural Resources Canada (NRCan), the Phase I property is situated within the St. Lawrence Lowlands. According to the description provided: "The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets." The Phase I property is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted. Based on the information from NRCan, the bedrock at the site consists of interbedded limestone and dolomite of the Gull River Formation, whereas the surficial geology in the vicinity of the Phase I property consists of glacial till plains, with an overburden thickness ranging from 0 to 10 m.

MECP Water Well Records

A search of the MECP's website for all drilled well records within 250 m of the Phase I property was conducted as part of this assessment. The search identified 44 well records within the Phase I study area. Please note that these well records were also returned in the ERIS report, as noted in Section 4.2. These were domestic wells installed in the late 1940s to mid-1950s, south of Carling Avenue. No well abandonment records were identified. However, the site and surrounding properties are currently supplied with municipal services.

According to the well records, the overburden stratigraphy in the general area of the Phase I property consists of clay and/or clay loam underlain by minor glacial till. Limestone bedrock was typically encountered at depths ranging from approximately 1.8 to 3.7 m below ground surface, which is consistent with the geologic mapping for the area.

5.0 INTERVIEWS

Mr. Domenic Santaguida (of 2704183 Ontario Inc.) was interviewed via email on January 17, 2020. Mr. Santaguida acquired the Phase I property in August of 2019 and is not familiar with the history of the site. He confirmed on October 15, 2021, that no changes have been made to the interior of the on-site building. No other persons familiar with the history of the site were available for interview. Mr. Santaguida is not aware of any environmental concerns associated with the Phase I property or adjacent lands.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

Site visits were conducted on January 15, 2020, by Ms. Karyn Munch and Ms. Kelly Martinell of Paterson Group. A second site visit was conducted by Ms. Martinell on October 18, 2021, to confirm that site conditions had not changed from the time of the initial site visit. The weather during the initial site visit was overcast with a temperature of approximately 0°C and approximately 8°C during the subsequent site visit. The adjacent properties and properties within the study area were also assessed at this time.

6.2 Specific Observations at Phase I Property

Site Features

The Phase I property, located at 1940 Carling Avenue, is occupied by a singlestorey, residential dwelling with attached (private) garage. The structure and materials are discussed in the following section. There is a paved (asphalt), Lshaped driveway and an inlaid brick walkway on the northwest side of the property, as well as a stone patio at the rear of the house. The remainder of the Phase I property is grassed and treed. No unusual visual or olfactory observations were made on-site.

The site topography slopes gently to the northwest toward Carling Avenue in the front and toward the southeastern property at the rear of the building. The regional topography slopes north toward the Ottawa River and groundwater flow is expected to be in this direction. Water drainage on the Phase I property occurs primarily via infiltration in the landscaped areas, as well as sheet flow over the driveway toward Carling Avenue. Site features are depicted on Drawing PE4842-1R – Site Plan in the Figures section of this report.

Buildings and Structures

The Phase I property is occupied by a single-family, one-storey residential dwelling with an attached (private) garage. The house and garage were built in the mid-1950's, based on available historical information, and were constructed with wood framing and concrete foundations. The house has a basement with a poured concrete floor and the garage has a concrete slab-on-grade foundation.

The house and garage are finished on the exterior with brick, with the exception of the storage area connecting the garage and house. This storage area appears to have originally been a breezeway, complete with roof and concrete pad foundation, but is suspected to have been enclosed at a later time with vinyl siding and drywall. The building has a sloped, asphalt shingled roof. The residence is heated by a natural gas-fired furnace.

A wood fireplace is centrally located in the house, though it is unclear whether it is currently in working order. A sump pit was observed and inspected in the basement of the dwelling. The pit was dry and approximately 0.6 m deep. No unusual visual or olfactory observations were noted.

Interior Assessment

A general description of the interior of the on-site building is as follows:

- Floor finishes consisted of a combination of hardwood, ceramic tile, laminate, carpet, and vinyl flooring.
- □ Wall finishes consisted of drywall and/or plaster stippling.
- Ceilings were primarily finished with drywall decorative plaster; stick-on pressed fibre tiles were also observed on the ceiling in the basement.
- □ Lighting throughout the building is provided by enclosed fixtures that were suspected to have incandescent and/or compact fluorescent bulbs.

Underground Utilities

The dwelling is serviced by municipal water and sewer services from the City of Ottawa. The dwelling is also connected to a natural gas pipeline. Electric and communications lines are supplied to the house by overhead lines. Note that underground utility locates were not obtained as part of the Phase I ESA and, therefore, exact locations of buried services are unknown.

Fuel and Chemical Storage

No bulk chemical storage areas, aboveground storage tanks (ASTs), or evidence of underground storage tanks (USTs) were observed on-site. A small quantity of gasoline (5 L) used to power the lawn mower was observed in the storage area between the house and garage. This is a ventilated area and the gasoline is stored in a plastic jerry can. No concerns were identified related to the gasoline storage on-site.

Small quantities of household chemicals were also observed but are not expected to pose unacceptable risk to environmental or human health. Some minor lime and rust stains were observed in the basement. No other hazardous materials, unidentified substances, spills, abnormal odours, or indications of potential subsurface contamination were observed on the Phase I property at the time of the site visit.

Wastewater Discharge

Wastewater from the Phase I property is discharged into the municipal sanitary sewer system. Roof drainage is discharged into the landscaped areas on the Phase I property or to the municipal storm water system via surface runoff. No concerns were noted with respect to wastewater discharge on-site.

Waste Management

Solid, non-hazardous domestic waste and recyclable products are stored in the storage area between the house and garage. Waste materials are collected by the municipality on a weekly basis. No concerns were identified with respect to waste management practices on the Phase I property.

Hazardous Building Materials

Based on the age of the building, asbestos-containing building materials (ACMs) may be present on-site in observed drywall joint compound, plaster walls/ceilings, ceiling stipple, and/or stick-on ceiling tiles in the basement. Some water damage, in the form of peeling and bubbling paint, was evident on and/or along ceilings in the house, though no other damage was observed. Therefore, any potential ACMs are considered to be in fair to good condition and do not pose immediate concern to the occupants of the dwelling.

Based on the age of the building, lead-based paints may be present beneath more recent paints, on any original or older painted surfaces. As noted above, some water damage, in the form of peeling and bubbling paint, was evident on and/or along ceilings in the house. The potential presence of lead-based paint is not considered to pose an immediate concern.

Urea formaldehyde foam insulation (UFFI) was not observed at the time of the site visit; however, wall cavities were not inspected for insulation type.

No potential sources of polychlorinated biphenyls (PCBs) were noted on-site. A pole-mounted transformer was observed on the adjacent property to the south. No obvious signs of leaks or staining were observed on the unit or pole. This transformer is not considered to pose an environmental concern to the Phase I property.

Potential sources of ODSs observed on-site include a kitchen refrigerator/freezer, a hand-held fire extinguisher, and an air conditioning unit. The refrigerator/freezer and air conditioner appeared to be in good condition at the time of the site visit. The fire extinguisher had its pin pulled and should be serviced by a licensed contractor.

Although water damage was noted in the dwelling and the garage, no obvious signs of mould growth were noted at the time of the site visit.

Potable Wells

No potable wells were observed on-site or on the surrounding properties. The study area is municipally serviced. However, as noted in Section 4.2, records for more than 40 wells have been identified within the study area.

Monitoring Wells

No monitoring wells were identified on the Phase I site or in the study area.

Neighbouring Properties

An inspection of the adjacent properties was conducted from the Phase I property and publicly accessible roadways. The observed adjacent land use is as follows:

- North Carling Avenue, followed by residential and Bromley Road Baptist Church, 1900 Lauder Drive;
- West Residential;
- East Residential;
- □ South Residential.

The current residential use of the immediately adjacent properties is not considered to pose an environmental concern to the Phase I property. Two commercial properties were located at the extent of the study area at Maitland Avenue (commercial plaza and a McDonald's restaurant, 1867 and 1880 Carling Avenue, respectively).

No properties within the Phase I Study Area are occupied by PCAs that result in APECs on-site. Current land use within the Phase I Study Area is illustrated on Drawing PE4842-2R – Surrounding Land Use Plan in the Figures section of this report.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

Based on a review of available historical information, the Phase I property was first developed for residential use as early as 1946. The current residential dwelling has been present since the mid-1950s.

Potentially Contaminating Activities (PCAs)

No PCAs were identified on the Phase I property. Based on Paterson's assessment, 5 historical PCAs were identified off-site. Three (3) of these were incidents related to releases of small quantities of furnace oil and/or transformer oil. Based on the sizes of the releases and distance from the site (i.e., greater than 130 m), these PCAs are not expected to have resulted in APECs on-site. The remaining two historical PCAs, related to former retail fuel outlets/automotive service stations, were identified on the boundary of the Phase I study area. Based on their separation distance and down-gradient orientation, neither of these PCAs are expected to have resulted in APECs on the Phase I property. The locations of these PCAs are illustrated on Drawing PE4842-2R – Surrounding Land Use Plan in the Figures section of this report.

Areas of Potential Environmental Concern (APECs)

No APECs were identified on-site.

Contaminants of Potential Concern (CPCs)

No contaminants of potential concern were identified on-site.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on information from the Geological Survey of Canada, the Phase I property is located in an area of interbedded limestone and dolomite bedrock, with an overburden consisting of glacial till plains, ranging from 0 m to 10 m in thickness. Groundwater is anticipated to be encountered within the overburden and flow in a northwesterly direction toward the Ottawa River.

Water Bodies

No water bodies are present on the Phase I property or within the study area. The nearest water body is the Ottawa River, located approximately 450 m northwest of the site at its closest point.

Existing Buildings and Structures

The Phase I property is occupied by a one-storey residential dwelling with attached private garage.

Areas of Natural Significance

No areas of natural significance were identified on-site or within the Phase I study area.

Potable Wells

The Phase I property is located within a municipally serviced area. Based on the available MECP water well records, of which there were more than 40, potable wells were formerly used to supply the homes in the study area south of Carling Avenue. The study area is municipally serviced, and the wells are not considered to be in use.

Neighbouring Land Use

Land use within the Phase I study area consists mainly of residential and occasional commercial properties. No environmental concerns were identified with respect to the current use of the adjacent and neighbouring properties.

Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs)

Per Section 6.1 of this report, no PCAs were identified the Phase I property. The following PCAs were identified within the Phase I study area:

- □ A former automotive service garage, located at 1867 Carling Avenue, approximately 250 m northeast of the site.
- A former retail fuel outlet, located at 1886 Carling Avenue, approximately 250 m northeast of the site.
- □ A 4.5 L transformer oil leak (cooling system failure) occurred in 1988 at 851 Killeen Ave, located approximately 195 m east-southeast of the site.

- □ A 20 L furnace oil spill occurred in 1993 at 861 Killeen Avenue, located approximately 220 m east-southeast of the site.
- An unknown quantity of furnace oil leaked from a residential AST in 2003 at 1945 Lauder Drive, located approximately 245 m northwest of the site.

Based on the nature of the incidents and their separation distance, the furnace oil and/or transformer oil incidents are not considered to result in APECs on the Phase I property. Given the distance to the former retail fuel outlet and former auto service station, their down- or cross-gradient orientation, and the fact that these properties have since been redeveloped, these PCAs are not considered to result in APECs on the Phase on the Phase I property.

Contaminants of Potential Concern (CPCs)

No CPCs were identified on the Phase I property.

Assessment of Uncertainty and/or Absence of Information

There were no material deviations to the Phase I ESA requirements set out in O.Reg. 153/04 that would cause uncertainty or absence of information affecting the validity of the findings of the Phase I ESA or this Phase I CSM. It is the opinion of the Qualified Person (QP_{ESA}) that based on the information obtained and reviewed as part of this Phase I ESA, no PCAs or APECs were identified on the Phase I property.

8.0 CONCLUSION

8.1 Assessment

Paterson Group was retained by Mr. Domenic Santaguida on behalf of 2704183 Ontario Ltd. to conduct a Phase I Environmental Site Assessment (Phase I ESA) for the property located at 1940 Carling Avenue in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and identify any environmental concerns that have potentially impacted the Phase I property.

According to the historical research, the site was first developed for residential use early as 1946. The current residential dwelling has been present since the mid-1950s. No environmental concerns were identified with respect to the historical use of the Phase I property.

The adjacent properties have historically been used for residential and commercial purposes. Several historical potentially contaminating activities (PCAs) were identified within the Phase I study area. Based on their nature, separation distance, and/or orientation relative to the Phase I property, none of the off-site PCAs are considered to have resulted in areas of potential environmental concern (APECs) on the Phase I property.

Following the historical review, Paterson conducted a site visit to assess the current environmental conditions of the site. The Phase I property is currently occupied by a residential dwelling with attached private garage, grassed/landscaped areas, an asphalt driveway, and an inlaid brick walkway. No PCAs were identified on-site at the time of the site visit.

The properties in the study area are generally used for residential and commercial purposes. No current PCAs were identified within the study area at the time of the site visit.

Based on the results of this assessment, it is our opinion that **a Phase II** Environmental Site Assessment is not required for the Phase I property.

8.2 **Recommendations**

Based on the age of the on-site building, asbestos-containing materials (ACMs) and lead-based paints may be present.

The observed plaster walls/ceilings, drywall joint compound, stipple plaster ceiling, and stick-on ceiling tiles were generally in fair to good condition. Lead-based paints may be present beneath more recent paints, on any original or older painted surfaces. Some bubbling and peeling paint was observed, primarily due to water damage, during the site visit. Given the location of the peeling, this does not represent an immediate hazard or concern.

It is Paterson's understanding that the residential dwelling will be demolished as part of future redevelopment of the site. Prior to any disturbance of potentially hazardous building materials, a designated substance survey (DSS) must be conducted on the current structure, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

9.0 STATEMENT OF LIMITATIONS

This Phase I Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and meets the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information as well as a cursory review made at the time of the field inspection. 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 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 2704183 Ontario Ltd. Permission and notification from 2704183 Ontario Inc. and Paterson Group will be required to release this report to any other party.

Paterson Group Inc.

K. Martinell

Kelly Martinell, P.Eng

Kaup Munch.

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



Report Distribution:

- 2704183 Ontario Ltd.
- Paterson Group Inc.

10.0 REFERENCES

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Ōttawa

Federal Records

- □ Natural Resources Canada: Air Photo Library.
- □ Natural Resources Canada: The Atlas of Canada.
- Geological Survey of Canada: Surficial and Subsurface Mapping.
- D Environment Canada: National Pollutant Release Inventory.
- □ National PCB Waste Storage Site Inventory.
- National Archives of Canada.

North Bay

Provincial Records

- D MECP: Freedom of Information and Privacy Office.
- D MECP: Municipal Coal Gasification Plant Site Inventory, 1991.
- □ MECP: Waste Disposal Site Inventory, 1991.
- □ MECP: Brownfields Environmental Site Registry.
- □ MECP: Water Well Inventory.
- □ Office of Technical Standards and Safety Authority, Fuels Safety Branch.
- □ Ministry of Natural Resources and Forestry Areas of Natural Significance.
- □ Chapman, L.J., and Putnam, D.F., 1984: 'The Physiography of Southern Ontario, Third Edition', Ontario Geological Survey Special Volume 2.

Municipal Records

- □ The City of Ottawa: eMap website.
- **The City of Ottawa: Historical Land Use Inventory Database**
- □ The City of Ottawa: document entitled, "Old Landfill Management Strategy, Phase I – Identification of Sites", prepared by Golder Associates, 2004.

Local Information Sources

Personal Interviews.

Public Information Sources

- Google Earth.
- □ Google Maps/Street View.

Other Sources

□ Environmental Risk Information Services (ERIS) Report

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE4842-1R – SITE PLAN

DRAWING PE4842-2R – SURROUNDING LAND USE PLAN

APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

SURVEY PLAN

APPENDIX 2

MECP FREEDOM OF INFORMATION SEARCH

TSSA CORRESPONDANCE

SELECT MECP WATER WELL RECORDS

CITY OF OTTAWA HLUI SEARCH

ERIS REPORT

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE4842-1R – SITE PLAN

DRAWING PE4842-2R – SURROUNDING LAND USE PLAN

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FIGURE 1 KEY PLAN



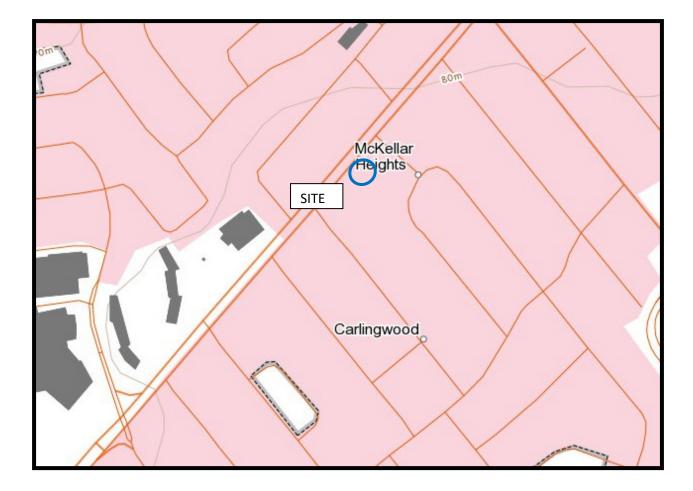
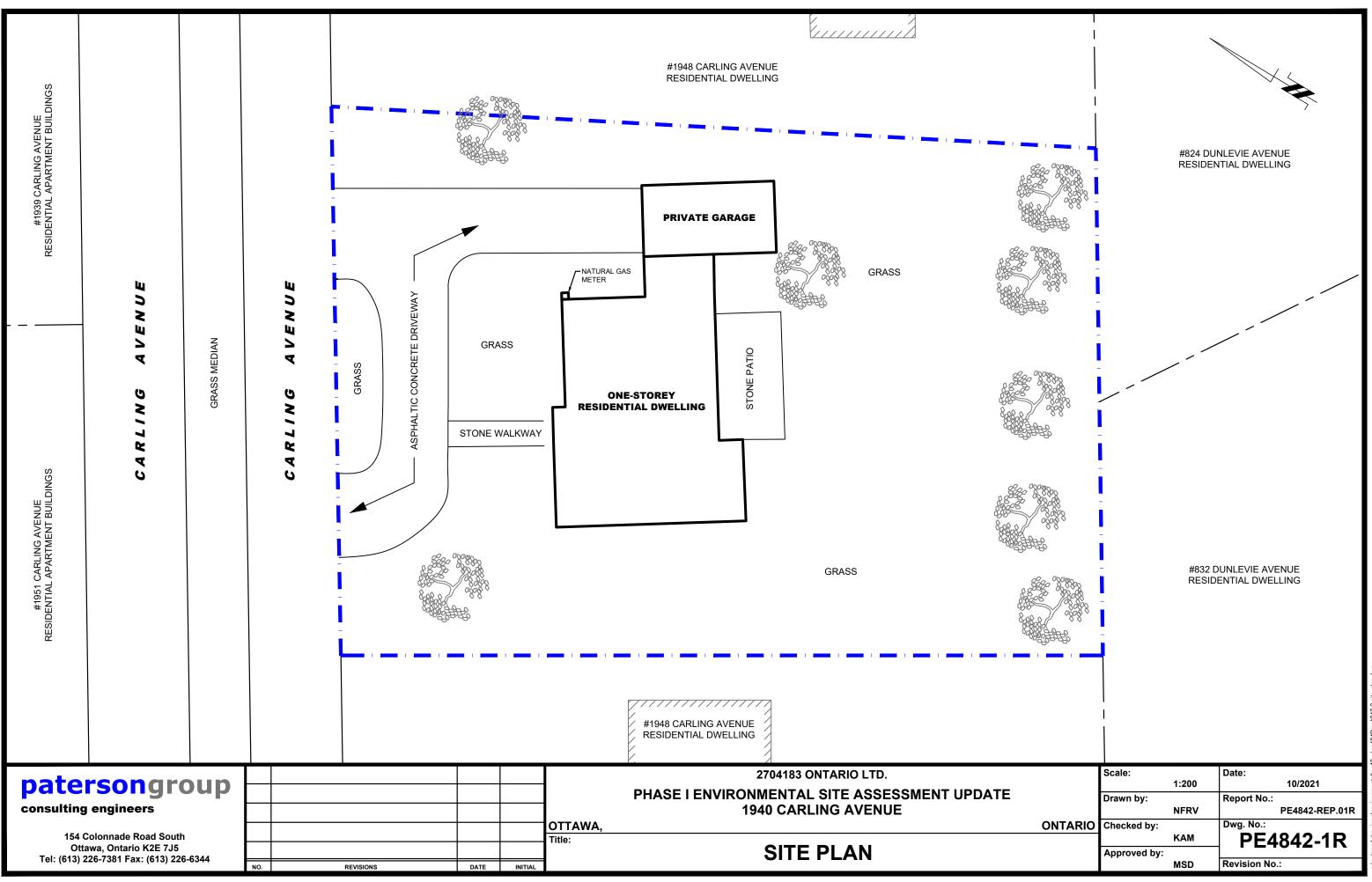
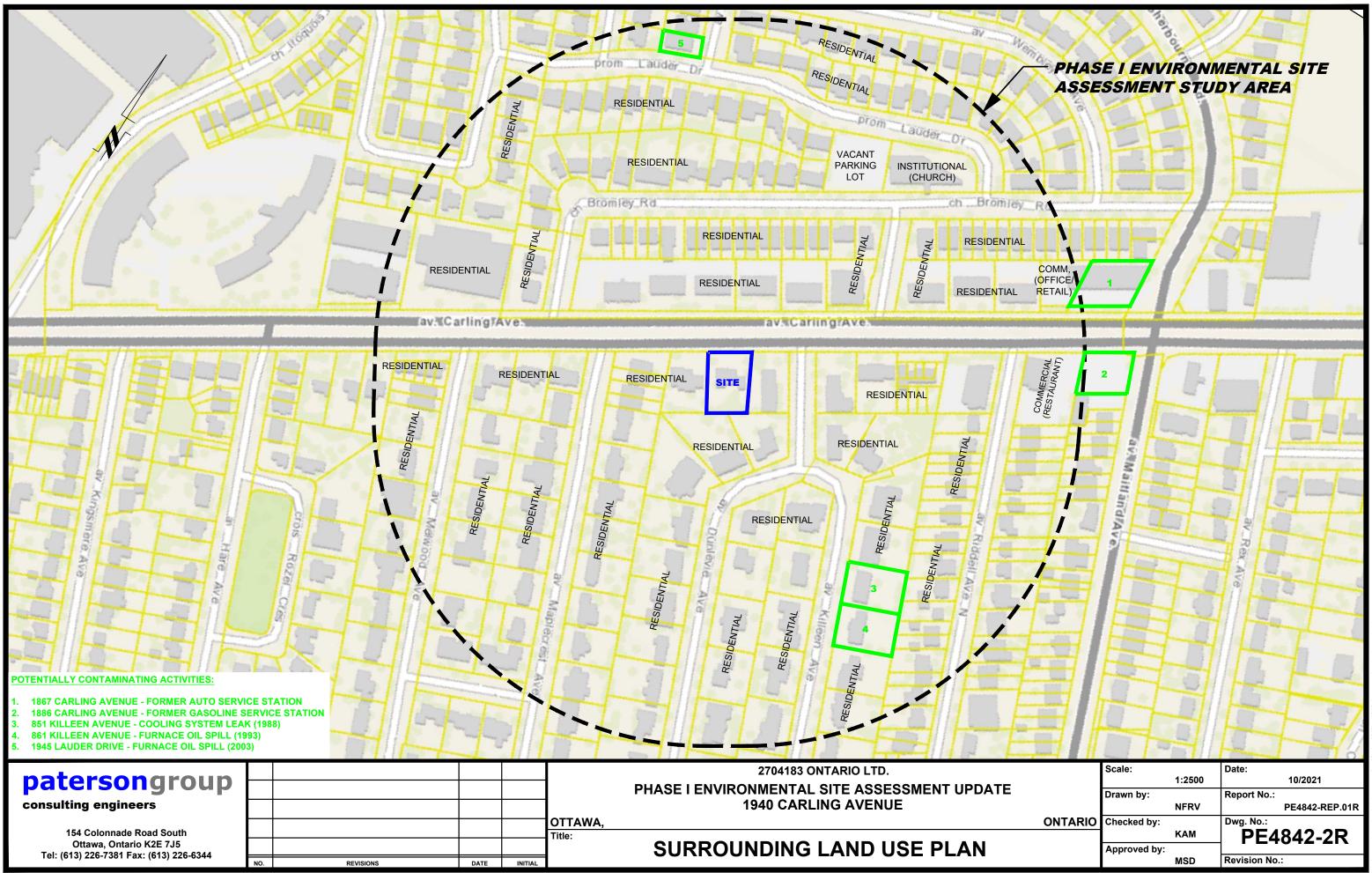


FIGURE 2 TOPOGRAPHIC MAP

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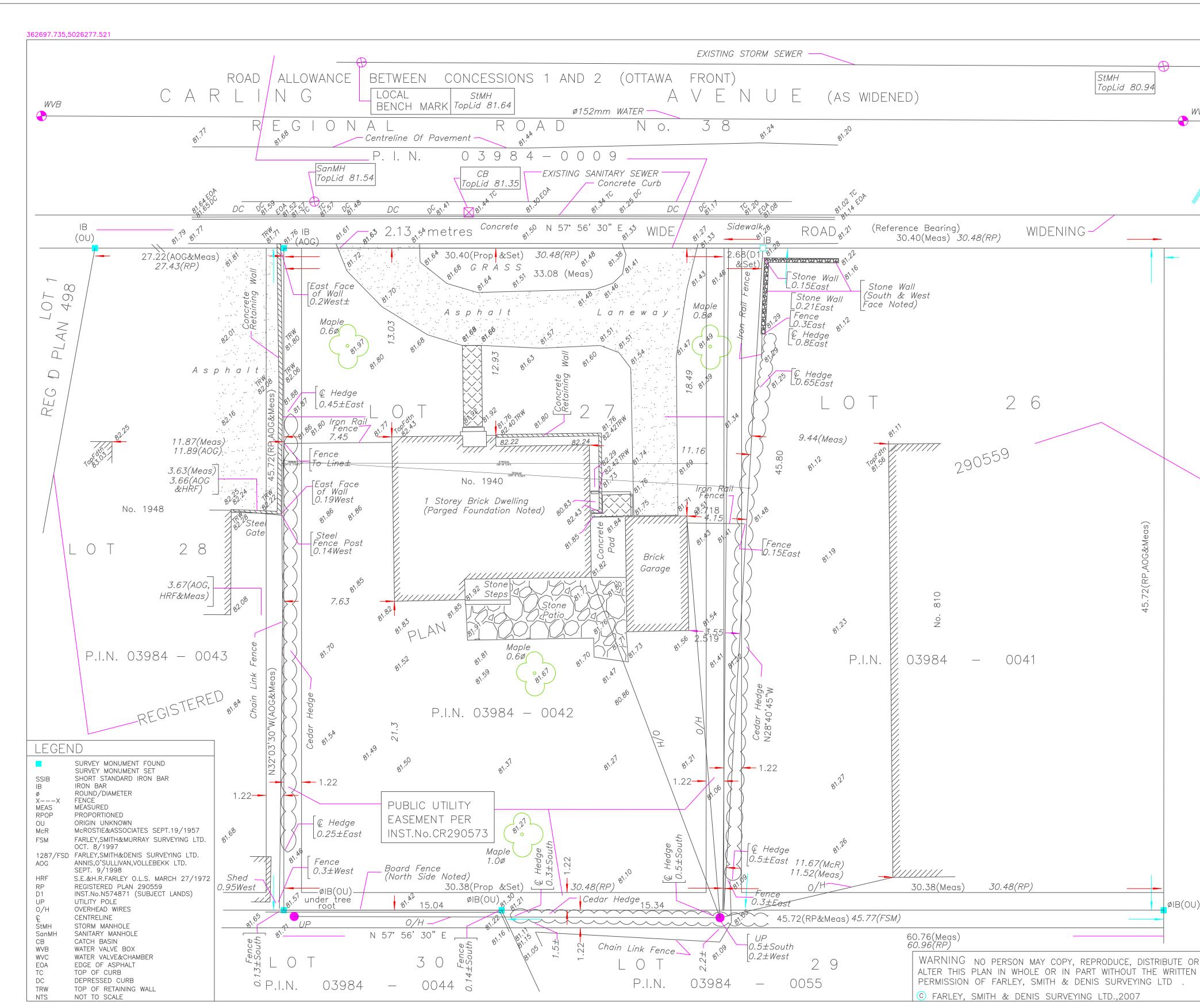


APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

SURVEY PLAN



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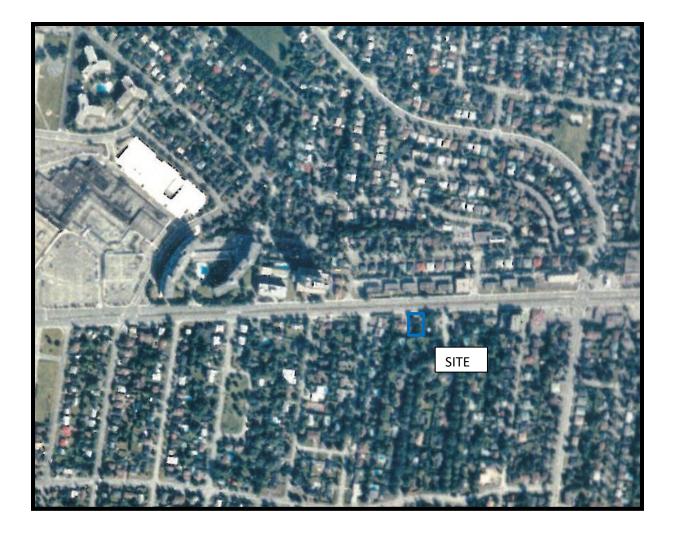
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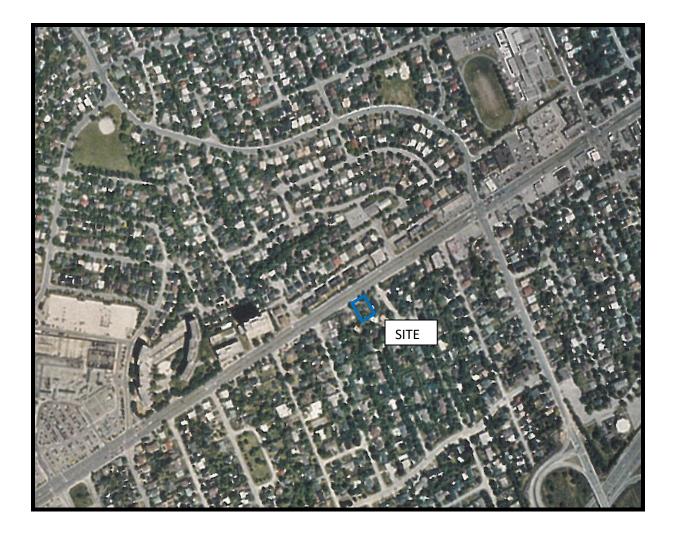
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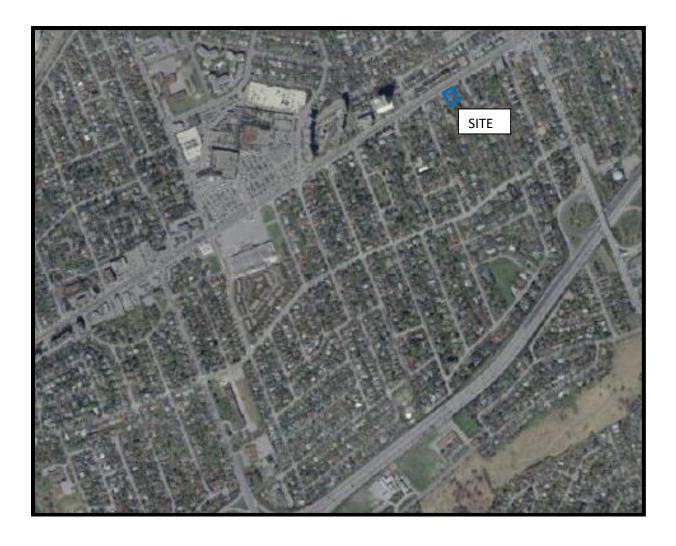
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PE4842

1940 Carling Avenue, Ottawa, Ontario

January 15, 2020



Photo 1: View of on-site residence from Carling Avenue, looking southeast.



Photo 2: View of on-site and adjacent residences, looking south.

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PE4842

1940 Carling Avenue, Ottawa, Ontario

January 15, 2020



Photo 3: View of the backyard, looking southeast.



Photo 4: Rear of on-site residence, looking north; vinyl siding delineates storage area between the house and garage.



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1940 Carling Avenue, Ottawa, Ontario

January 15, 2020



Photo 5: East side of on-site residence, looking northwest from rear.



Photo 6: Carling Avenue, followed by apartment buildings, looking northwest.

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PE4842

1940 Carling Avenue, Ottawa, Ontario

October 18, 2021



Photo 7: Phase I property, looking southwest.



Photo 8: Driveway and (private) garage, looking southeast.

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APPENDIX 2

MECP FREEDOM OF INFORMATION SEARCH

TSSA CORRESPONDANCE

SELECT MECP WATER WELL RECORDS

CITY OF OTTAWA HLUI SEARCH

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° étage 40, avenue St. Clair ouest Toronto ON M4V 1M2 Tél.: (416) 314-4075



January 29, 2020

Kelly Martinell Paterson Group Inc. 154 Colonnade Road Ottawa, ON K2E 7J5

Dear Kelly Martinell:

RE: Freedom of Information and Protection of Privacy Act Request Our File # A-2020-00469, Your Reference PE4842

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 1940 Carling Avenue, Ottawa.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. We have applied the \$30.00 for this request from your initial payment. This file is now closed.

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Hira Ashraf at 416-314-4075 or hira.ashraf@ontario.ca.

Yours truly,

Kisa

Noel Kent Manager (Acting), Access and Privacy

Kelly Martinell

From:	Public Information Services < publicinformationservices@tssa.org>
Sent:	October 15, 2021 4:34 PM
То:	Kelly Martinell
Subject:	RE: Search Request

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 <u>https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392</u> and email the completed form to <u>publicinformationservices@tssa.org</u> 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

From: Kelly Martinell

<KMartinell@patersongroup.ca>
Sent: October 15, 2021 4:33 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Search Request

[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.

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org

Good afternoon,

Would you please conduct a search of your records for any registered tanks, spills, or incidents/infractions associated with the following properties in Ottawa?

1927, 1939, 1940, 1948, and 1951 Carling Ave 810, 824, 832, and 840 Dunlevie Ave 813 Maplecrest Ave

www.tssa.org

Thanks,

Kelly Martinell, P.Eng.

patersongroup

solution oriented engineering over 60 years serving our clients

154 Colonnade Road South Ottawa, Ontario, K2E 7J5 Tel: (613) 226-7381 Ext. 215

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.

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Enclose a copy of any mineral analysis that h	as been made of	water	•••••		*	_
Well Log			To	Loc	ation of Wel	1
Overburden and Bedrock Record		From 0 ft.	6ft.	In diagram b	elow show dis	tances of
/	CLAY IMESTONE		-140	well from re	ad and lot li	
	THE STORE			dicate north	•	C
				Don Jesie A		
				$ \rangle /$	×	75'
			1		30	1
				Ki	LEEN	/ A
				<u>Ki</u>	LEEN	/^ /
				Killeen A.		
			-	Killeen A.	\rightarrow	-
Situation: Is well on upland, in valley, or o	n hillside?			Killeen A.		-
Drilling Firm DOLAN - MOLOUGAN	£/		-	Killeen A.		-
Drilling Firm. POLAN MOLOUGAN Address	£ /			Killeen A.		
Drilling Firm. POLAN MOLOUGAN Address246BREEZE Hill Name of Driller. FF.KE.U.R.J	£/	· · · · · · · · · · · ·	Addre	Killeen A		
Drilling Firm. POLAN MOLOUGAN Address246BREEZE Hill Name of Driller. FF.KEU.R.J	£/	· · · · · · · · · · · ·	Addre	$K_i \gg_{e \in h} A_{v,\varphi}$		
Drilling Firm. POLAN - MOLOUGAN Address. 246 BREEZE Hills Name of Driller. F. E.KEURY. Date.	£/	· · · · · · · · · · · ·	Addre	Killeen A		
	£/	· · · · · · · · · · · ·	Addre	ss. Signature of		

KILEEN	.41
2.11- 1	

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	ONTA Well Dr		Act	~ .		ECENV J5N 1Nº CLOGICAL COMPARTMENT	
Basin 25 The Department of				tario			n (
Water V	We					T.T. P.W.	<u>≬_</u> (
		own o	or City).	MAP	EC.	EST.	
Date Completed M. H	of Well	excludi	ng pump)	AM.BRI 2.	D.F.E. 60. °		/. <i>7.1</i> .19,19, <i>1</i> +
Pipe and Casing Record		, · · · ·		Pumping	-		
Casing diameter (s)	. Pump . Pump . Durat	ing leve ing rate tion of t	el	60 G	PI+		· · · · · · · · · · · · · · · · · · ·
	Water R	lecord					
Kind (fresh or mineral) Quality (hard, soft, contains iron, sulphur, etc.)	h.	L			pth(s) Water izon(s)	Kind of Water	No. of Feet Water Rises
Appearance (clear, cloudy, coloured)			······································	· · · · · · · ·	60'	fuch.	20' 90'
How far is well from possible source of contamination?. What is the source of contamination?	pac	(A	nk uil	· · · · · · · · · · · · · · · · · · ·			
Well Log Overburden and Bedrock Record]	From			Loc	ation of Well	<u>n</u> v
CLAY LIMESTON	E	0 ft.	10 10.ft. 101	wel	l from r	below show dist oad and lot lin by arrow.	
				E	ек Lot.3	$\sim \frac{2^{1}}{2}$	
				Culling	MAPL	FCREST	
					W.	2	
Situation: Is well on upland, in valley, or on hillside? Drilling Firm. Blair Philly Address. Name of Driller. M: SZTEPA Date. I. J. M. J. S.ZTEPA FORM 5		Ľ.	Lunov Address	5431 Number.	J- J- M-J- gnature	9.4. Jeja Licensee	·····
			t the second		Ma	plecrest A	ve of.



File Number: D06-03-20-0015

February 11, 2020

Kelly Martinell Paterson Group 154 Colonnade Road South Ottawa, ON K2E 7J5

Sent via email kmartinell@patersongroup.ca

Dear Kelly Martinell,

Re: Information Request 1940 Carling Ave, Ottawa, Ontario ("Subject Property")

Internal Department Circulation

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

• No information was returned on the Subject Property from Departmental circulation.

Search of Historical Land Use Inventory

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

A search of the HLUI database revealed the following information:

• There is 1 activity associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 250m of the Subject Property. The search revealed the following:

• There are 10 activities associated with properties located within 250m of the Subject Property.

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department

110 Laurier Avenue West, 4th Floor Ottawa, ON K1P 1J1 Tel: (613) 580-2424 ext. 21690 Fax: (613) 560-6006 www.ottawa.ca Ville d'Ottawa Services de la planification, de l'infrastructure et du développement économique

110, avenue Laurier Ouest, 4e étage Ottawa (Ontario) K1P 1J1 Tél.: (613) 580-2424 ext. 21690 Téléc: (613) 560-6006 www.ottawa.ca Please note that certain activities have been identified to have a PIN Certainty of "2". This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.

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

Additional information may be obtained by contacting:

Ontario's Environmental Registry

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

The Ontario Land Registry Office

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

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

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

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

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

If you have any further questions or comments, please contact Samantha Dela Pena at 613-580-2424 ext. 21690 or HLUI@ottawa.ca

Sincerely,

th An

Samantha Dela Pena

Per:

Michael Boughton, MCIP, RPP Senior Planner Development Review East Planning Services Planning, Infrastructure and Economic Development Department

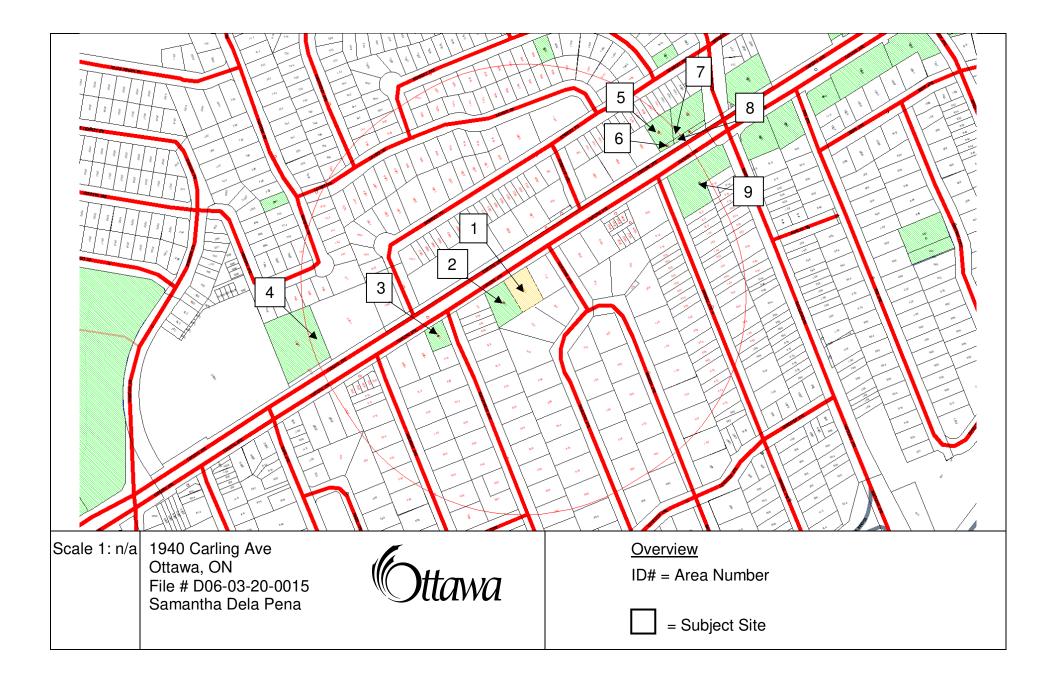
MB / SDP

Enclosures.

cc: File no. D06-03-20-0015

Area	Associated HLUI Activities	HLUI Activities with a PIN Certainty of "2" *
1	5970	
(Subject Property)		
2	10265	
3	726	
4	6036	
5	10488	11795
6	10488	
7	10488	11795
8	10488	
9	13563	

*This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.





Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #1 Activity Numbers



Report:

Run On: 04 Feb 2020 at: 13:44:20

RPTC_OT_DEV0122

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	039840042	Y	

Activity ID:	ł	5970	Multiple PINS:	N
PIN Certainty:		1	Previous Activity ID(s) :
Related PINS:		039840042		
Name:		G B TRADING INC.		
Address:		1940 CARLING AVE	NUE,	
Facility Type:		Services to Buildings	and Dwellings	
Comments 1:				
Comments 2:				
Generator Numbe	er:			
Storage Tanks:				
HL References 1:				
HL References 2:	:			
HL References 3:	:	2005 Select Phone		
NAICE	010			
NAICS	SIC	;		
561799	0			
561722	0			

Company Name

G B TRADING INC.

Year of Operation

c. 2005



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #2 Activity Numbers



Report:

Run On: 04 Feb 2020 at: 13:45:46

RPTC_OT_DEV0122

Study Year 2005	PIN 039840043		Multi-NAIC N	Multiple Activities
Activity ID:	10265	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity ID(s) :		
Related PINS:	039840043			
Name: Address: Facility Type: Comments 1: Comments 2: Generator Number: Storage Tanks: HL References 1: HL References 2: HL References 3:	PAOLETTI TILES 1948 CARLING AVENUE Interior and Finishing Wo 2005 Select Phone			
NAICS	SIC			
238340	0			
Company Name			Year of Operati	on
PAOLETTI TILES			c. 2005	
PAOLETTI TILES			c. 2001	



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #3 Activity Numbers



Report:

Run On: 04 Feb 2020 at: 13:46:32

RPTC_OT_DEV0122

Study Yea 2005	ar	PIN 039830090	Multi-NAIC Y	Multiple Activities N
Activity ID:	726	Multiple PINS:	Ν	
PIN Certain	ty: 1	Previous Activity	/ ID(s) :	
Related PIN	IS: 0398300	90		
Name: Address: Facility Typ Comments Comments Generator N Storage Tan HL Reference HL Reference	1980 C/ e: Mechar 1: 2: lumber: iks: ces 1: ces 2:	N PLUMBING & HEATING ARLING AVENUE, iical Specialty Work ect Phone		
NAICS	SIC			
238220 238210 811411 238910	0 0 0 0			

Company Name	Year of Operation
AKESON PLUMBING & HEATING	c. 2001
AKESON PLUMBING & HEATING	c. 2005



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #4 Activity Numbers



Report:

Run On:

RPTC_OT_DEV0122 04 Feb 2020 at: 13:47:15

Study Year 1998		PIN 152830000	Multi-NAIC Y	Multiple Activities N
Activity ID:	6036	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity ID(s) :	1635	
Related PINS:	152830000			
Name: Address: Facility Type: Comments 1: Comments 2: Generator Number Storage Tanks: HL References 1: HL References 2: HL References 3:	Ready Mix Co Production of	G AVENUE, OTTAWA oncrete Industry ready mix concrete		
NAICS	SIC			
327390 327990 327330 327320	354 354 354 355			

Company Name

Frazer Duntile Co.

Moto Mix Concrete Ltd.

Year of Operation

c. 1970-1971

c. 1970-1971



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #5 Activity Numbers



Report:

Year of Operation

Run On:

RPTC_OT_DEV0122 04 Feb 2020 at: 13:47:58

Study Year 1998	PIN 039790019)	Multi-NAIC Y	Multiple Activities Y
Activity ID:	10488	Multiple PINS:	v	
Activity ID.		Multiple Fino.		
PIN Certainty:	1	Previous Activity ID(s) :	4399	
Related PINS:	039790017			
Name:	PELICAN CLEANERS			

Itallioi	
Address:	1867 CARLING AVENUE, OTTAWA
Facility Type:	Laundries and Cleaners
Comments 1:	
Comments 2:	
Generator Number:	

Storage Tanks:	
HL References 1:	SC98
HL References 2:	
HL References 3:	2001 Employment Survey

SIC

NAICS	
812320	

812320	972
812310	972
812330	972
812310	0
561740	972

Company Name

PELICAN CLEANERS	c. 2001
Pelican Cleaners	c. 1998





Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039790019	Y	

Activity ID:	11795	Multiple PINS:	Y
PIN Certainty:	2	Previous Activity ID(s) :	3327
Related PINS:	039790019		
Name:	ROYAL BRUNET SERVI	CE STATION	
Address:	1867 CARLING AVENUE	, ottawa	
Facility Type:	Motor Vehicle Repair Sho	ops	
Comments 1:			
Comments 2:			
Generator Number:			
Storage Tanks:	1 UST - gasoline		
HL References 1:	FIP1901,vol2; FIP1922,vol2	; FIP1956-344-2317,vol 3, M.1960	, M.1963, M.1970, M.1980
HL References 2:			
HL References 3:			

NAICS	SIC
447110	633
447190	633
811121	635
811119	635
811112	635
811199	633

Company Name	Year of Operation
Ward & Kelly Service Station	c. 1956 -1970
Royal Brunet Service Station	c. 1980

RPTC_OT_DEV0122

04 Feb 2020 at: 13:47:58

Report: Run On:



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #6 Activity Numbers



Report:

Run On:

04 Feb 2020 at: 13:48:44

RPTC_OT_DEV0122

	Study Year 2005	PIN 039790017		Multi-NAIC N	Multiple Activities
A	ctivity ID:	10488	Multiple PINS:	Y	
	IN Certainty:	1	Previous Activity ID(s) :	4399	
R	elated PINS:	039790017			
A F C C G S I H H	ame: ddress: acility Type: omments 1: omments 2: enerator Number: torage Tanks: L References 1: L References 2: L References 3:	PELICAN CLEANERS 1867 CARLING AVENUE Laundries and Cleaners SC98 2001 Employment Survey	, OTTAWA		
8 8 8 8	312310 97 312330 97 312310 0	72 72 72			

Company Name	Year of Operation
PELICAN CLEANERS	c. 2001
Pelican Cleaners	c. 1998



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #7 Activity Numbers



CITY OF OTTAWA

Report:

Year of Operation

Run On: 04 Feb 2020 at: 13:49:27

RPTC_OT_DEV0122

HLUI ID: __679FR4

AREA (Square Metres): 1569.412

 Study Year
 PIN
 Multi-NAIC
 Multiple Activities

 1998
 ''
 ''
 ''

 Activity ID:
 10488
 Multiple PINS:
 Y

 PIN Certainty:
 1
 Previous Activity ID(s):
 4399

 Related PINS:
 '039790017
 ''

Name:	PELICAN CLEANERS
Address:	1867 CARLING AVENUE, OTTAWA
Facility Type:	Laundries and Cleaners
Comments 1:	
Comments 2:	
Generator Number:	
Storage Tanks:	
HL References 1:	SC98
HL References 2:	
HL References 3:	2001 Employment Survey

NAICS SIC 812320 972 812310 972 812330 972 812310 0 561740 972

Company Name

PELICAN CLEANERS	c. 2001
Pelican Cleaners	c. 1998



Study Year 1998			Multi-NAIC Y	Multiple Activities
Activity ID:	11795	Multiple PINS:	Y	

-	
PIN Certainty:	2 Previous Activity ID(s) : 3327
Related PINS:	039790019
Name: Address:	ROYAL BRUNET SERVICE STATION
Facility Type:	1867 CARLING AVENUE, OTTAWA
Comments 1:	Motor Vehicle Repair Shops
Comments 2:	
Generator Number:	
Storage Tanks:	1 UST - gasoline
HL References 1:	FIP1901,vol2; FIP1922,vol2; FIP1956-344-2317,vol 3, M.1960, M.1963, M.1970, M.1980
HL References 2:	
HL References 3:	

NAICS	SIC
447110	633
447190	633
811121	635
811119	635
811112	635
811199	633

Company Name	Year of Operation
Ward & Kelly Service Station	c. 1956 -1970
Royal Brunet Service Station	c. 1980

RPTC_OT_DEV0122

04 Feb 2020 at: 13:49:27

Report: Run On:



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #8 Activity Numbers



Report:

Run On:

RPTC_OT_DEV0122 04 Feb 2020 at: 13:55:06

Study Year 2005	PIN 039	I 790017	Multi-NAIC N	Multiple Activities N
Activity ID:	10488	Multiple PINS:	Y	
PIN Certainty:	1	Previous Activity ID(s) :	4399	
Related PINS:	039790017			
Name: Address: Facility Type: Comments 1: Comments 2: Generator Number Storage Tanks: HL References 1: HL References 2:	Laundries and Cle r: SC98	VENUE, OTTAWA eaners		
HL References 3:	2001 Employment S	Survey		
NAICS	SIC			
812320	972			
812310	972			
812330	972			
812310	0			
561740	972			

Company Name	Year of Operation
PELICAN CLEANERS	c. 2001
Pelican Cleaners	c. 1998



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #9 Activity Numbers



Report:

Run On: 04 Feb 2020 at: 13:52:51

RPTC_OT_DEV0122

Study Year 1998	PIN 039840056	N	Multi-NAIC Y	Multiple Activities N
Activity ID:	13563	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity ID(s) :	2626, 5710	
Related PINS:	039840056			
Name: Address: Facility Type: Comments 1: Comments 2: Generator Number: Storage Tanks: HL References 1: HL References 2: HL References 3:	TED DAVIDSON AND So 1868 CARLING AVENUE Gasoline Service Station Two USTs located in the nor M.1957, M.1960, M.1970, M	s		
NAICS	SIC			
447190	633 633 633			

Company Name	Year of Operation
Unnamed Gasoline Service Station	c. 1957
Ted Davidson and Sons	c. 1980
Winston Cross Fina Station	c. 1970



Project Property:

Project No: Report Type: Order No: Requested by: Date Completed: 1940 Carling 1940 Carling Ottawa ON K2A 1E8 PE4842; PO# 28332 Standard Report 20200114246 Paterson Group Inc. January 17, 2020

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

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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Executive Summary

Property Information:

Project Property:

1940 Carling 1940 Carling Ottawa ON K2A 1E8

PE4842; PO# 28332

Coordinates:

Project No:

	Latitude:	45.374123
	Longitude:	-75.7608527
	UTM Northing:	5,024,793.62
	UTM Easting:	440,424.72
	UTM Zone:	18T
Elevation:		262 FT
		79.95 M

Order Information:

Order No: Date Requested: Requested by: Report Type: 20200114246 January 14, 2020 Paterson Group Inc. Standard Report

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	4	4
CA	Certificates of Approval	Y	0	5	5
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	5	5
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	4	4
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FED TANKS	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	3	3
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	5	5
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	7	7
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	46	46
		Total:	0	80	80

Executive Summary: Site Report Summary - Project Property

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

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

Executive Summary: Site Report Summary - Surrounding Properties

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	WWIS		ON <i>Well ID:</i> 1508390	ENE/18.0	-0.07	<u>26</u>
<u>2</u>	WWIS		ON <i>Well ID:</i> 1508000	WSW/18.2	0.24	<u>28</u>
<u>3</u>	WWIS		ON <i>Well ID:</i> 1508152	ESE/19.8	0.00	<u>31</u>
<u>4</u>	WWIS		ON <i>Well ID:</i> 1508143	S/52.0	0.73	<u>33</u>
<u>5</u>	WWIS		ON <i>Well ID:</i> 1508149	E/66.5	-0.07	<u>36</u>
<u>6</u>	WWIS		ON <i>Well ID:</i> 1508151	ENE/71.8	-0.07	<u>38</u>
<u>7</u>	WWIS		ON <i>Well ID:</i> 1508135	S/86.7	0.93	<u>41</u>
<u>8</u>	WWIS		ON <i>Well ID:</i> 1508132	SE/87.9	0.93	<u>43</u>
<u>9</u>	EHS		1983 Carling Avenue Ottawa ON K2A 1E9	W/89.8	-0.07	<u>46</u>
<u>10</u>	wwis		ON <i>Well ID:</i> 1507979	SE/90.9	0.93	<u>46</u>
<u>11</u>	WWIS		ON <i>Well ID:</i> 1508387	ESE/104.4	0.93	<u>48</u>
<u>11</u>	WWIS		ON	ESE/104.4	0.93	<u>50</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1508392			
<u>12</u>	EHS		1983 Carling Ave Ottawa ON K2A1E9	WNW/106.6	-0.07	<u>53</u>
<u>13</u>	WWIS		ON Well ID: 1508385	ESE/110.6	0.62	<u>53</u>
<u>13</u>	wwis		ON Well ID: 1508389	ESE/110.6	0.62	<u>55</u>
<u>14</u>	WWIS			SE/116.0	0.93	<u>58</u>
<u>15</u>	WWIS		<i>Well ID:</i> 1508142 ON <i>Well ID:</i> 1508463	SW/120.1	0.93	<u>60</u>
<u>16</u>	WWIS		lot 28 con 2 ON <i>Well ID:</i> 1510600	SSE/120.7	0.93	<u>63</u>
<u>17</u>	WWIS		ON Well ID: 1508461	WSW/120.8	0.93	<u>65</u>
<u>18</u>	WWIS		ON Well ID: 1507978	ENE/130.4	-0.77	<u>67</u>
<u>19</u>	SPL	City of Ottawa	Carling Ave at Bromley Ottawa ON	WSW/134.8	-0.07	<u>70</u>
<u>20</u>	WWIS		ON Well ID: 1508130	ESE/136.1	0.62	<u>70</u>
<u>21</u>	CA	DRMG Development Ltd.	1908 Carling Ave Ottawa ON K2A 1E7	ENE/141.3	-0.77	<u>73</u>
<u>21</u>	CA	DRMG Development Ltd.	1908 Carling Ave Ottawa ON K2A 1E7	ENE/141.3	-0.77	<u>74</u>
<u>21</u>	ECA	DRMG Development Ltd.	1908 Carling Ave Ottawa ON K1V 2B2	ENE/141.3	-0.77	<u>74</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>21</u>	ECA	DRMG Development Ltd.	1908 Carling Ave Ottawa ON K1V 2B2	ENE/141.3	-0.77	<u>74</u>
<u>22</u>	BORE		ON	NNE/143.1	-1.07	<u>74</u>
<u>23</u>	BORE		ON	SW/148.5	0.93	<u>76</u>
<u>24</u>	WWIS		lot 28 con 2 ON <i>Well ID:</i> 1510604	SW/148.6	0.93	<u>77</u>
<u>25</u>	WWIS		ON <i>Well ID:</i> 1508136	SE/151.9	0.93	<u>79</u>
<u>26</u>	BORE		ON	NE/166.6	-1.07	<u>82</u>
<u>27</u>	WWIS		ON <i>Well ID:</i> 1508786	E/178.8	0.62	<u>83</u>
<u>28</u>	HINC		818 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E/180.9	-0.07	<u>86</u>
<u>29</u>	WWIS		ON <i>Well ID:</i> 1508388	SE/182.2	0.93	<u>86</u>
<u>30</u>	WWIS		ON <i>Well ID:</i> 1508465	SW/189.7	0.93	<u>88</u>
<u>31</u>	HINC		826 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E/189.7	-0.07	<u>91</u>
<u>32</u>	WWIS		ON <i>Well ID:</i> 1508791	ENE/190.2	-0.07	<u>91</u>
<u>32</u>	wwis		ON	ENE/190.2	-0.07	<u>94</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1508793			
<u>33</u>	WWIS		ON Well ID: 1508460	S/191.8	1.93	<u>96</u>
<u>34</u>	WWIS		lot 28 con 2 ON <i>Well ID:</i> 1510602	E/192.2	-0.07	<u>99</u>
<u>35</u>	SPL	Enbridge Energy Distribution Inc.	851 Killeen Ave. Ottawa ON	ESE/194.2	0.93	<u>101</u>
<u>36</u>	HINC		830 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E/195.8	-0.07	<u>102</u>
<u>37</u>	SPL	ONTARIO HYDRO	851 KILLEEN ANE TRANSFORMER OTTAWA CITY ON K2A 2X8	ESE/197.3	0.93	<u>102</u>
<u>38</u>	WWIS		ON Well ID: 1508776	E/201.3	-0.07	<u>103</u>
<u>38</u>	WWIS		ON Well ID: 1508777	E/201.3	-0.07	<u>105</u>
<u>39</u>	WWIS		ON <i>Well ID:</i> 1508384	ESE/202.8	0.93	<u>108</u>
<u>40</u>	WWIS		ON Well ID: 1508141	S/203.3	1.93	<u>110</u>
<u>41</u>	WWIS		ON Well ID: 1508792	E/206.3	-0.07	<u>113</u>
<u>42</u>	WWIS		ON <i>Well ID:</i> 1507985	WSW/206.7	0.93	<u>115</u>
<u>43</u>	WWIS		ON Well ID: 1508483	SW/207.7	0.93	<u>117</u>
<u>43</u>	wwis		ON	SW/207.7	0.93	<u>120</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1508482			
<u>44</u>	WWIS		ON <i>Well ID:</i> 1508383	ESE/211.8	0.93	<u>122</u>
<u>45</u>	WWIS		ON Well ID: 1508462	SSW/214.3	1.93	<u>125</u>
<u>46</u>	WWIS		ON Well ID: 1508486	SW/214.4	1.77	<u>127</u>
<u>47</u>	wwis		lot 28 con 2 ON <i>Well ID:</i> 1510601	SSW/215.2	1.93	<u>129</u>
<u>48</u>	WWIS		ON Well ID: 1508138	SSE/217.7	1.93	<u>133</u>
<u>49</u>	WWIS		ON <i>Well ID:</i> 1508134	SSE/219.2	1.93	<u>135</u>
<u>50</u>	GEN	HOMESTEAD LANDHOLDINGS	2001 CARLING AVE OTTAWA ON K2A 3W5	W/219.2	-0.07	<u>138</u>
<u>50</u>	EHS		2001 Carling Ave Ottawa ON K2A 3W5	W/219.2	-0.07	<u>138</u>
<u>50</u>	SPL		2001 Carling Ave. Westbound lane Ottawa ON	W/219.2	-0.07	<u>138</u>
<u>50</u>	GEN	Homestead Land Holdings Ltd.	2001 CARLING AVENUE OTTAWA ON K2A 3W5	W/219.2	-0.07	<u>138</u>
<u>50</u>	GEN	Homestead Land Holdings Ltd. Homestead Land Holdings Ltd.	2001 Carling Avenue OTTAWA ON K2A 3W5	W/219.2	-0.07	<u>139</u>
<u>51</u>	EHS		2001 Carling Ave Ottawa ON K2A3W5	W/219.2	-0.07	<u>139</u>
<u>52</u>	WWIS		ON	ENE/220.4	-0.77	<u>139</u>
				a b b b	000001110	

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1508788			
<u>53</u>	SPL	PETRO-CANADA	861 KILEEN AVENUE TANK TRUCK (CARGO) OTTAWA CITY ON	ESE/221.2	0.93	<u>142</u>
<u>54</u>	WWIS		ON <i>Well ID:</i> 1508139	SSE/224.5	1.93	<u>142</u>
<u>55</u>	HINC		850 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E/225.7	0.62	<u>144</u>
<u>56</u>	CA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	WSW/227.0	0.93	<u>145</u>
<u>56</u>	CA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	WSW/227.0	0.93	<u>145</u>
<u>56</u>	CA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	WSW/227.0	0.93	<u>146</u>
<u>56</u>	ECA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	WSW/227.0	0.93	<u>146</u>
<u>56</u>	ECA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	WSW/227.0	0.93	<u>146</u>
<u>56</u>	ECA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	WSW/227.0	0.93	<u>146</u>
<u>57</u>	BORE		ON	SSE/231.1	1.93	<u>147</u>
<u>58</u>	WWIS		ON <i>Well ID:</i> 1508778	E/233.0	0.62	<u>148</u>
<u>59</u>	HINC		858 RIDDELLL AVENUE NORTH OTTAWA ON	ESE/240.4	0.93	<u>151</u>
<u>60</u>	PINC		873 Killeen Avenue, Ottawa ON	ESE/244.2	0.93	<u>152</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>61</u>	WWIS		ON <i>Well ID:</i> 1508133	SE/245.8	1.93	<u>152</u>
<u>62</u>	SPL	Enbridge Gas Distribution Inc.	873 Killen Ave Ottawa ON	ESE/246.5	0.93	<u>155</u>
<u>63</u>	SPL	S. 21	1945 LAUDER STREET <unofficial> Ottawa ON K2A 1B2</unofficial>	NW/247.6	-2.07	<u>155</u>

Executive Summary: Summary By Data Source

BORE - Borehole

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

Equal/Higher Elevation	Address	Direction	Distance (m)	<u>Map Key</u>
	ON	SW	148.46	<u>23</u>
	ON	SSE	231.10	<u>57</u>
Lower Elevation	Address ON	Direction NNE	<u>Distance (m)</u> 143.14	<u>Map Key</u> 22
	ON	NE	166.59	<u>26</u>

<u>CA</u> - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 5 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation 4042841 Canada Inc.	Address 2000 Carling Ave Ottawa ON K2A 1G2	Direction WSW	<u>Distance (m)</u> 226.99	<u>Map Key</u> <u>56</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	WSW	226.99	<u>56</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	WSW	226.99	<u>56</u>

Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
DRMG Development Ltd.	1908 Carling Ave Ottawa ON K2A 1E7	ENE	141.31	<u>21</u>
DRMG Development Ltd.	1908 Carling Ave Ottawa ON K2A 1E7	ENE	141.31	<u>21</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Dec 31, 2019 has found that there are 5 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation 4042841 Canada Inc.	<u>Address</u> 2000 Carling Ave Ottawa ON K2A 1P4	Direction WSW	<u>Distance (m)</u> 226.99	<u>Map Key</u> <u>56</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	WSW	226.99	<u>56</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	WSW	226.99	<u>56</u>

Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
DRMG Development Ltd.	1908 Carling Ave Ottawa ON K1V 2B2	ENE	141.31	<u>21</u>
DRMG Development Ltd.	1908 Carling Ave Ottawa ON K1V 2B2	ENE	141.31	<u>21</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	1983 Carling Avenue Ottawa ON K2A 1E9	W	89.81	<u>9</u>

1983 Carling Ave Ottawa ON K2A1E9	WNW	106.63	<u>12</u>
2001 Carling Ave Ottawa ON K2A 3W5	W	219.20	<u>50</u>
2001 Carling Ave Ottawa ON K2A3W5	W	219.24	<u>51</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2019 has found that there are 3 GEN site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
Homestead Land Holdings Ltd. Homestead Land Holdings Ltd.	2001 Carling Avenue OTTAWA ON K2A 3W5	W	219.20	<u>50</u>
Homestead Land Holdings Ltd.	2001 CARLING AVENUE OTTAWA ON K2A 3W5	W	219.20	<u>50</u>
HOMESTEAD LANDHOLDINGS	2001 CARLING AVE OTTAWA ON K2A 3W5	W	219.20	<u>50</u>

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 5 HINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	850 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E	225.72	<u>55</u>
	858 RIDDELLL AVENUE NORTH OTTAWA ON	ESE	240.44	<u>59</u>

Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	818 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E	180.92	<u>28</u>
	826 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E	189.72	<u>31</u>
	830 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E	195.77	<u>36</u>

<u>PINC</u> - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	873 Killeen Avenue, Ottawa ON	ESE	244.15	<u>60</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2019 has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation Enbridge Energy Distribution Inc.	<u>Address</u> 851 Killeen Ave. Ottawa ON	Direction ESE	<u>Distance (m)</u> 194.19	<u>Map Key</u> <u>35</u>
ONTARIO HYDRO	851 KILLEEN ANE TRANSFORMER OTTAWA CITY ON K2A 2X8	ESE	197.34	<u>37</u>
PETRO-CANADA	861 KILEEN AVENUE TANK TRUCK (CARGO) OTTAWA CITY ON	ESE	221.21	<u>53</u>
Enbridge Gas Distribution Inc.	873 Killen Ave Ottawa ON	ESE	246.52	<u>62</u>

Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	Carling Ave at Bromley Ottawa ON	WSW	134.76	<u>19</u>
	2001 Carling Ave. Westbound lane Ottawa ON	W	219.20	<u>50</u>
S. 21	1945 LAUDER STREET <unofficial> Ottawa ON K2A 1B2</unofficial>	NW	247.65	<u>63</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 46 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	Direction WSW	Distance (m)	<u>Map Key</u>
	ON	WSW	18.21	<u>2</u>
	Well ID: 1508000			
		ESE	19.76	3
	ON			<u>3</u>
	Well ID: 1508152			
		S	51.97	<u>4</u>
	ON			-
	Well ID: 1508143			
		S	86.72	<u>7</u>
	ON			<u> </u>
	Well ID: 1508135			
		SE	87.91	<u>8</u>
	ON			
	Well ID: 1508132			
		SE	90.90	<u>10</u>
	ON	-		<u></u>
	Well ID: 1507979			
		ESE	104.42	<u>11</u>
	ON			<u></u>
	Well ID: 1508387			

Equal/Higher Elevation	Address	Direction ESE	<u>Distance (m)</u> 104.42	<u>Map Key</u>
	ON	LOL	104.42	<u>11</u>
	Well ID: 1508392			
		EQE	110.60	10
	ON	ESE	110.60	<u>13</u>
	Well ID: 1508385			
		505	440.00	
	ON	ESE	110.60	<u>13</u>
	Well ID: 1508389			
	ON	SE	116.02	<u>14</u>
	Well ID: 1508142			
	ON	SW	120.11	<u>15</u>
	Well ID: 1508463			
	lot 28 con 2 ON	SSE	120.72	<u>16</u>
	Well ID: 1510600			
	ON	WSW	120.78	<u>17</u>
	Well ID: 1508461			
	ON	ESE	136.14	<u>20</u>
	Well ID: 1508130			
	lot 28 con 2 ON	SW	148.62	<u>24</u>
	Well ID: 1510604			
	ON	SE	151.89	<u>25</u>
	Well ID: 1508136			
	ON	E	178.80	<u>27</u>
	Well ID: 1508786			
	ON	SE	182.20	<u>29</u>
	ON			

Address Well ID: 1508388	Direction	<u>Distance (m)</u>	<u>Map Key</u>
ON	SW	189.71	<u>30</u>
Well ID: 1508465			
ON	S	191.84	<u>33</u>
Well ID: 1508460			
ON	ESE	202.85	<u>39</u>
Well ID: 1508384			
ON	S	203.29	<u>40</u>
Well ID: 1508141			
ON	WSW	206.75	<u>42</u>
Well ID: 1507985			
ON	SW	207.71	<u>43</u>
Well ID: 1508483			
ON	SW	207.71	<u>43</u>
Well ID: 1508482			
ON	ESE	211.83	<u>44</u>
Well ID: 1508383			
ON	SSW	214.34	<u>45</u>
Well ID: 1508462			
ON	SW	214.45	<u>46</u>
Well ID: 1508486			
lot 28 con 2 ON	SSW	215.19	<u>47</u>
Well ID: 1510601			

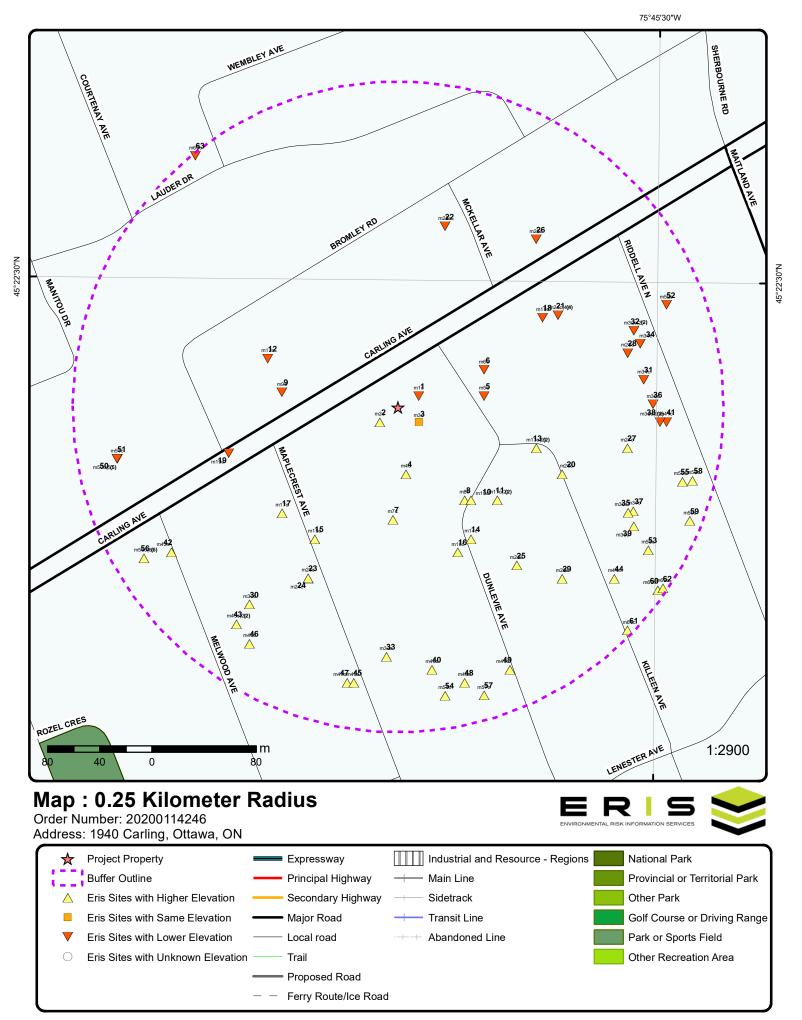
Equal/Higher Elevation

Equal/Higher Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SSE	217.68	<u>48</u>
	Well ID: 1508138			
	ON	SSE	219.19	<u>49</u>
	Well ID: 1508134			
	ON	SSE	224.52	<u>54</u>
	Well ID: 1508139			
	ON	E	232.96	<u>58</u>
	Well ID: 1508778			
	ON	SE	245.81	<u>61</u>
	Well ID: 1508133			

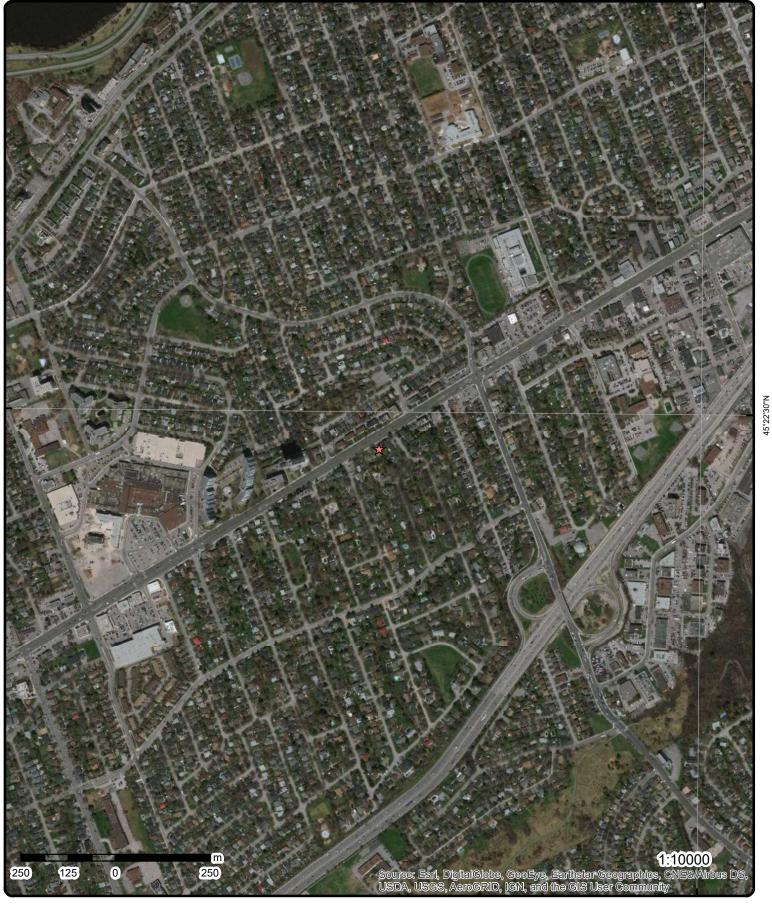
Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	ON	ENE	18.04	1
	Well ID: 1508390			
	ON	E	66.51	<u>5</u>
	Well ID: 1508149			
	ON	ENE	71.82	<u>6</u>
	Well ID: 1508151			
		ENE	130.35	40
	ON	EINE	130.35	<u>18</u>
	Well ID: 1507978			
		ENE	190.16	32
	ON			<u>32</u>
	Well ID: 1508791			
		ENE	190.16	<u>32</u>
	ON			_
	Well ID: 1508793			

lot 28 con 2 ON	E	192.17	<u>34</u>
Well ID: 1510602			
ON Well ID: 1508776	E	201.31	<u>38</u>
ON	E	201.31	<u>38</u>
Well ID: 1508777			
ON	E	206.31	<u>41</u>
Well ID: 1508792			
ON	ENE	220.39	<u>52</u>

Well ID: 1508788



Source: © 2015 DMTI Spatial Inc.



Aerial Year: 1905

Address: 1940 Carling, Ottawa, ON

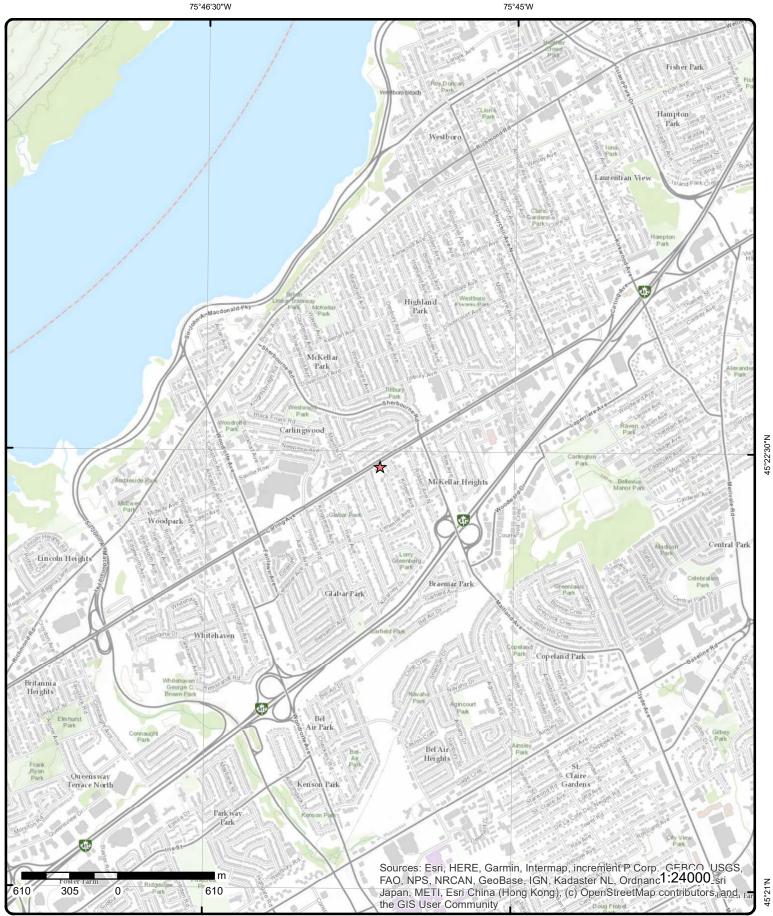
Source: ESRI World Imagery

Order Number: 20200114246

75°45'W



© ERIS Information Limited Partnership



Topographic Map

45°22'30"N

45°21'N

Order Number: 20200114246



Address: 1940 Carling, ON

Source: ESRI World Topographic Map

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Detail Report

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DI
<u>1</u>	1 of 1		ENE/18.0	79.9 / -0.07	ON		ww
Well ID: Constructio Primary Wa Sec. Water Final Well S Water Type Casing Mat Audit No: Tag: Constructio Elevation R Elevation R Elevation R Depth to Be Well Depth: Overburder Pump Rate. Static Wate	ater Use: Use: Status: erial: on Method: n): reliability: edrock: n/Bedrock: r Level:	150839 Domest 0 Water S	ic		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	1 9/1/1954 Yes 3701 1 OTTAWA-CARLETON OTTAWA CITY	
Flowing (Y/ Flow Rate: Clear/Cloud	N):				Zone: UTM Reliability:		
	nformation						
Bore Hole I DP2BR: Spatial Stat Code OB: Code OB Do Open Hole: Cluster Kin Date Compo Remarks: Elevrc Deso Location So Improveme	tus: esc: d: leted: 2:	100304 6 r Bedrocl 6/21/19 Source:	K		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.266136 18 440440.7 5024802 5 margin of error : 100 m - 300 m p5	
Improveme	nt Location vision Comm	Method:					
Overburder Materials In	n and Bedro aterval	<u>ck</u>					
Formation I Layer: Color: General Co			931009558 2				
Mat1:	non Material	:	15 LIMESTONE				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materia Formation To Formation En Formation En	p Depth:	6 140 ft			
<u>Overburden a</u> Materials Inte					
Formation ID: Layer: Color:		931009557 1			
General Color Mat1: Most Commo Mat2: Other Materia	n Material:	05 CLAY			
Mat3: Other Materia Formation To Formation En Formation En	p Depth:	0 6 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction Code:	1 Cable Tool			
Pipe Informat	ion				
Pipe ID: Casing No: Comment: Alt Name:		10578994 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: hter UOM:	930053496 1 STEEL 18 5 inch ft			
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	ter: ter UOM:	930053497 2 4 OPEN HOLE 140 5 inch ft			

Map Key	Number Records		Elev/Diff (m)	Site		DB
Results of We	ell Yield Tes	sting				
Pump Test ID		991508390				
Pump Set At: Static Level:		10				
Final Level A	fter Pumpin					
Recommende						
Pumping Rat	e:	6				
Flowing Rate						
Recommende	ed Pump Ra					
Levels UOM:		ft GPM				
Rate UOM: Water State A	ftor Tost C					
Water State A		CLEAR				
Pumping Tes		1				
Pumping Dur		1				
Pumping Dur		0				
Flowing:		Ν				
Water Details						
Water ID:		933462874				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found		90				
Water Found	Depth UON	1: ft				
Water Details						
Water ID:		933462875				
Layer:		2				
Kind Code:		1				
Kind:		FRESH				
Water Found		125 1: ft				
Water Found	Depth UOW	1. It				
Water Details						
Water ID:		933462876				
Layer:		3				
Kind Code:		1				
Kind:		FRESH				
Water Found	Depth:	140 •• ••				
Water Found		1 : ft				
<u>2</u>	1 of 1	WSW/18.2	80.2 / 0.24	ON		wwis
Well ID:		1508000		Data Entry Status:		
Construction	Date:			Data Src:	1	
Primary Wate		Domestic		Date Received:	10/6/1955	
Sec. Water U		0		Selected Flag:	Yes	
Final Well Sta	ntus:	Water Supply		Abandonment Rec:	0740	
Water Type:	ial.			Contractor:	3718	
Casing Mater Audit No:	ial:			Form Version: Owner:	1	
Audit No: Tag:				Owner: Street Name:		
ray. Construction	Method			County:	OTTAWA-CARLETON	
Elevation (m)				Municipality:	OTTAWA CITY	
				Site Info:		
Elevation Rel						

Map Key Number Records		Elev/Diff ı) (m)	Site		D
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:		
Bore Hole Information					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	10030035 8 r Bedrock		Elevation: Elevrc: Zone: East83: North83:	81.696113 18 440410.7 5024782	
Open Hole: Cluster Kind: Date Completed: Remarks:	10/1/1955		Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM p9	
Elevrc Desc: Location Source Date: Improvement Location S Improvement Location M Source Revision Comme Supplier Comment:	lethod:				
Overburden and Bedroci Materials Interval	<u>k</u>				
Formation ID: Layer: Color:	931008571 1				
General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	02 TOPSOIL				
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UC	0 8 DM: ft				
Overburden and Bedroci Materials Interval	<u>k</u>				
Formation ID: Layer: Color:	931008572 2 2				
General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	GREY 15 LIMESTONE				
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UC	8 100 DM: ft				
Method of Construction	& Well				

Method Constr Method Constr Method Constr Dther Method (Pipe Informatic	ruction Code: ruction:	1 Cable Tool		
Method Constr Other Method (ruction:			
Other Method		Cable Tool		
	Construction:	00010 1001		
Pipe Informatio				
	<u>on</u>			
Pipe ID:		10578605		
Casing No:		1		
<i>Comment:</i> Alt Name:				
Construction F	Record - Casing			
Casing ID:		930052726		
ayer:		1		
Material: Open Hole or N	Astorial:	1 STEEL		
Depth From:	nateridi.	OTLEL		
Depth To:		20		
Casing Diamet		4		
Casing Diamet		inch		
Casing Depth l	UOM:	ft		
Construction F	Record - Casing			
Casing ID:		930052727		
ayer:		2		
Material: Open Hole or N	Antorial:	4 OPEN HOLE		
Depth From:	lalenai.	OFLINHOLL		
Depth To:		100		
Casing Diamet	er:	4		
Casing Diamet		inch		
Casing Depth l	UOM:	ft		
Results of Wel	l Yield Testing			
Pump Test ID:		991508000		
Pump Set At:		0		
Static Level: Final Level Aft	or Pumping:	8 16		
Recommended	l Pump Depth:	10		
Pumping Rate:		5		
Flowing Rate:				
Recommended	l Pump Rate:			
.evels UOM: Rate UOM:		ft GPM		
	ter Test Code:	1		
Nater State Afr		CLEAR		
Pumping Test		1		
Pumping Dura		0		
Pumping Dura Flowing:	tion MIN:	30 N		
Nater Details				
Nater ID:		933462323		
ayer:		2		
Kind Code: Kind:		5 Not stated		
		ווטו סומופט		

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water Found			100				
Water Found	d Depth UC	DM:	ft				
Water Detail	<u>ls</u>						
Water ID:			933462322				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found	d Depth:		60				
Water Found	d Depth UC	DM:	ft				
3	1 of 1		ESE/19.8	79.9 / 0.00			
-					ON		WWIS
Well ID:		15081	52		Data Entry Status:		
Constructio	n Date:				Data Src:	1	
Primary Wat	ter Use:	Domes	stic		Date Received:	12/10/1954	
Sec. Water U	Jse:	0			Selected Flag:	Yes	
Final Well S	tatus:	Water	Supply		Abandonment Rec:		
Water Type:					Contractor:	4825	
Casing Mate	erial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Constructio	n Method:				County:	OTTAWA-CARLETON	

Site Info:

Lot:

Municipality:

Concession:

UTMRC Desc:

Location Method:

OTTAWA CITY

unknown UTM

р9

Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
Bore Hole Information			
Bore Hole ID: DP2BR:	10030187 140	Elevation: Elevrc:	81.657981
Spatial Status:		Zone:	18
Code OB:	r	East83:	440440.7
Code OB Desc:	Bedrock	North83:	5024782
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9

Date Completed: 10/17/1954 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Elevation (m):

Well Depth:

Elevation Reliability:

Depth to Bedrock:

Overburden and Bedrock Materials Interval

Formation ID:	931008931
Layer:	1
Color:	
General Color:	
Mat1:	24

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Commo Mat2:	on Material:	PREV. DRILLED			
Matz: Other Materia Mat3:	als:				
Other Materia					
Formation To		0			
Formation El Formation El	nd Depth UOM:	140 ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID	:	931008932			
Layer:		2			
Color:					
General Colo Mat1:	or:	15			
Most Commo Mat2:	on Material:	LIMESTONE			
Other Materia Mat3:	als:				
Other Materia	als:				
Formation To		140			
Formation E		175			
Formation E	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10578757			
Casing No:		1			
Comment: Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		930053034			
Layer:		1			
Material: Open Hole of	Matarial				
Depth From:					
Depth To:		140			
Casing Diam					
Casing Diam Casing Depti		inch ft			
Construction	Record - Casing				
Casing ID:		930053035			
Layer:		2			
Material:	Motorial				
Open Hole of Depth From:	waterial:	OPEN HOLE			
Depth To:		175			
Casing Diam	eter:	5			

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Diam Casing Dept			inch ft				
<u>Results of W</u>	ell Yield Te	sting					
Pump Test IE Pump Set At: Static Level: Final Level A Recommende	: fter Pumpi		991508152 8 55				
Pumping Rate Flowing Rate Recommende	te:);	-	5				
Levels UOM: Rate UOM: Water State A Water State A Pumping Tes Pumping Dur Pumping Dur Flowing:	After Test C After Test: St Method: ration HR:	Code:	ft GPM 1 CLEAR 1 0 30 N				
Water Details	5						
Water ID: Layer: Kind Code: Kind: Water Found Water Found		И:	933462547 1 FRESH 160 ft				
4	1 of 1		S/52.0	80.7/0.73	ON		WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rei Depth to Bed Well Depth: Overburden/A Pump Rate: Static Water Flow Rate: Clear/Cloudy	er Use: se: atus: rial: n Method:): liability: liability: liock: Bedrock: Level:):	1508143 Domestia 0 Water St	c		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	8 9/7/1954 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Int Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des	: s:	1003017 12 h Mixed in			Elevation: Elevrc: Zone: East83: North83:	81.944 18 440430.7 5024742	

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Order No: 20200114246

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		I
Open Hole:				Org CS:		
Cluster Kind	:			UTMRC:	9	
Date Comple	eted: 8/8/195	53		UTMRC Desc:	unknown UTM	
Remarks:				Location Method:	p9	
Elevrc Desc:						
Location Sou						
	t Location Source:					
	t Location Method:					
	sion Comment:					
Supplier Con	nment:					
	and Bedrock					
Materials Inte	<u>erval</u>					
Formation ID);	931008913				
Layer:		3				
Color:		2				
General Colo	or:	GREY				
Mat1:		13				
Most Commo	on Material:	BOULDERS				
Mat2:		15				
Other Materia	als:	LIMESTONE				
Mat3:	- 1 -					
Other Materia		40				
Formation To		12 110				
Formation E	nd Depth: nd Depth UOM:	ft				
ronnation Er	na Depar COM.	n				
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID):	931008912				
Layer:		2				
Color:						
General Colo	or:	11				
Mat1: Most Commo	n Matarial:	11 GRAVEL				
Most Commo Mat2:	n waterial:	13				
Other Materia	als:	BOULDERS				
Mat3:		DOOLDEING				
Other Materia	als:					
Formation To		5				
Formation E		12				
	nd Depth UOM:	ft				
<u>Overburden a</u> <u>Materials Inte</u>	<u>and Bedrock</u> erval					
Formation ID):	931008911				
Layer:		1				
Color:						
General Colo	or:	05				
Mat1:		05				
Most Commo	on Material:	CLAY				
Mat2:						
Other Materia	ais:	TOPSOIL				
Mat3: Other Materia	ale					
Other Materia Formation To		0				
Formation E		5				
	nd Depth UOM:	ft				
. Simaton El						

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method of Construction & We	<u>ell</u>			
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	1 Cable Tool			
Pipe Information				
Pipe ID: Casing No: Comment: Alt Name:	10578748 1			
Construction Record - Casing	1			
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930053017 2 4 OPEN HOLE 110 4 inch ft			
Construction Record - Casing	1			
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930053016 1 STEEL 20 4 inch ft			
Results of Well Yield Testing				
Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	991508143 18 20 150 ft GPM 1 CLEAR 1 0 30 N			

Water Details

Water ID:	933462536
Layer:	2

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:		1			
Kind:		FRESH			
Water Found	Depth:	95			
water Found	I Depth UOM:	ft			
Water Detail	<u>s</u>				
Water ID:		933462537			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found		109			
Water Found	I Depth UOM:	ft			
Water Detail	<u>s</u>				
Water ID:		933462535			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	l Depth:	75			
	Depth UOM:	ft			
5	1 of 1	E/66.5	79.9/-0.07		MANG
-				ON	WWIS

<u> </u>	2/00.0	13.37-0.07	ON		WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth:	1508149 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	8 9/7/1954 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	WWIS
Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N):			Concession Name: Easting NAD83: Northing NAD83: Zone:		
Flow Rate: Clear/Cloudy:			UTM Reliability:		

Bore Hole Information

Bore Hole ID:	10030184	Elevation:	81.051177
DP2BR:	8	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440490.7
Code OB Desc:	Bedrock	North83:	5024802
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/31/1953	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Dat	e:		
Improvement Locativ	n Source:		

Improvement Location Source: Improvement Location Method:

Map Key Number of Records	f Direction/ Distance (m)	Elev/Diff (m)	Site	I
Source Revision Comment Supplier Comment:	t:			
<u>Dverburden and Bedrock</u> Materials Interval				
Formation ID: Layer:	931008926 2			
Color:	1			
General Color:	WHITE			
Mat1:	15 LINE CTONE			
Most Common Material: Mat2:	LIMESTONE			
Other Materials:				
Mat3:				
Other Materials:	0			
Formation Top Depth: Formation End Depth:	8 150			
Formation End Depth UOM				
<u>Dverburden and Bedrock</u> <u>Materials Interval</u>				
Formation ID:	931008925			
Layer:	1			
Color:				
General Color: Mat1:	05			
Most Common Material:	CLAY			
Mat2:	0L/II			
Other Materials:				
Mat3:				
Other Materials: Formation Top Depth:	0			
Formation End Depth:	8			
Formation End Depth UOM	1: ft			
Method of Construction & Jse	Well			
Method Construction ID:				
Wethod Construction Code	e: 1			
Wethod Construction:	Cable Tool			
Other Method Construction	n:			
Pipe Information				
Pipe ID:	10578754			
Casing No:	1			
Comment: Alt Name:				
Construction Record - Cas	ina			
Casing ID: Layer:	930053029 2			
Jayer. Material:	4			
Open Hole or Material:	OPEN HOLE			
Depth From:	450			
Depth To: Casing Diameter:	150 4			
Casing Diameter UOM:	inch			
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Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Depth	h UOM:		ft				
<u>Construction</u>	Record - C	<u>asing</u>					
Casing ID:			930053028				
Layer:			1				
Material:	•• • • •		1				
Open Hole or Depth From:	r Material:		STEEL				
Depth To:			20				
Casing Diam			4				
Casing Diam Casing Depth			inch ft				
Results of W	ell Yield Tes	sting					
Pump Test ID Pump Set At:	D:		991508149				
Static Level:			30				
Final Level A Recommende							
Pumping Rat		, , , , , , , , , ,	1				
Flowing Rate	e:						
Recommende		nte:	ft				
Levels UOM: Rate UOM:			GPM				
Water State A	After Test C	ode:					
Water State A							
Pumping Tes			1				
Pumping Dur Pumping Dur			0 30				
Flowing:			N				
Water Details	i						
Water ID:			933462543				
Layer:			1				
Kind Code:			1				
Kind:	Dantha		FRESH				
Water Found Water Found		<i>n</i> -	150 ft				
	Deptil Coll		R.				
<u>6</u>	1 of 1		ENE/71.8	79.9/-0.07	O 14		wwis
Mall 1D.		1500151			ON		
Well ID: Construction	Date:	1508151			Data Entry Status: Data Src:	1	
Primary Wate		Domesti	с		Date Received:	12/10/1954	
Sec. Water U	se:	0			Selected Flag:	Yes	
Final Well Sta	atus:	Water S	upply		Abandonment Rec:	4005	
Water Type: Casing Mater	rial·				Contractor: Form Version:	4825 1	
Audit No:	141.				Owner:	•	
Tag:					Street Name:		
Construction					County:	OTTAWA-CARLETON	
Elevation (m)					Municipality: Site Info:	OTTAWA CITY	
Elevation Rel					Lot:		
					Concession:		
Depth to Bed Well Depth:							
Depth to Bed Well Depth: Overburden/I	Bedrock:				Concession Name:		
Depth to Bed Well Depth:					Concession Name: Easting NAD83: Northing NAD83:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Flowing (Y/N) Flow Rate:				Zone: UTM Reliability:		
Clear/Cloudy	:					
Bore Hole Inf	ormation					
Bore Hole ID: DP2BR:	100301 8	86		Elevation: Elevrc:	80.861633	
Spatial Status				Zone:	18	
Code OB: Code OB Des	r Bedrock	,		East83: North83:	440490.7 5024822	
Open Hole:	C Deulocr	X .		Org CS:	5024622	
Cluster Kind:				UTMRC:	9	
Date Complet		4		UTMRC Desc:	unknown UTM	
Remarks: Elevrc Desc:				Location Method:	p9	
Location Sou						
Improvement Source Revis	Location Source: Location Method: ion Comment:					
Supplier Com	iment:					
<u>Overburden a</u> Materials Inte						
Formation ID	:	931008930				
Layer:		2				
Color:						
General Colo	r:	45				
Mat1: Most Commo	n Matorial:	15 LIMESTONE				
Mat2:	n Walendi.					
Other Materia	als:					
Mat3:						
Other Materia	nls:					
Formation To		8				
Formation En		158				
Formation En	nd Depth UOM:	ft				
<u>Overburden a</u> Materials Inte						
Formation ID.	:	931008929				
Layer:		1				
Color: General Colo	<i>v</i> .					
Mat1:	Ι.	05				
Most Commo	n Material:	CLAY				
Mat2:	in materiali	02.11				
Other Materia	nls:					
Mat3:						
Other Materia						
Formation To Formation En	p Depth:	0 8				
	id Depth: id Depth UOM:	o ft				
<u>Method of Co</u> <u>Use</u>	nstruction & Well					
Mathad Car-	truction ID.					
Method Cons	truction ID: truction Code:	1				
Method Cons		Cable Tool				

Other Method Construction:

Pipe Information

Pipe ID:	10578756
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: Layer: Material: Open Hole or Material:	930053033 2 4 OPEN HOLE
Depth From:	0. 1
Depth To:	158
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053032
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	22 5 inch ft

Results of Well Yield Testing

Pump Test ID:	991508151
Pump Set At: Static Level:	25
Final Level After Pumping:	45
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	ft
Levels UOM: Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	Ν

Water Details

Water ID:	933462546
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	140
Water Found Depth UOM:	ft

Water Details Water Details Water Found Depth: 50 Water Found Depth: 50 Contractor: 5725 Form Version: 1 Querter Kander County: 0TTAWA-CARLETON Municipality: 0TTAWA-CARL	Map Key Numb Recor		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Lagver, in the second s	Water Details						
Find Code: i i Water Found Depth: 50 Water March 50 Water March 50 Severation Matched: 50 Water March 1508135 Darts Entry Status: 1308135 Severation Matched: 28161267 Severation Matched: 3725 Form Version: 1 Owner: 3725 Form Version: 1 Struction Matched: 50 Severation (m): 0TTAWA-CARLETON Struction Matched: Contractor: Struction (m): Contractor: Struction (m): Contractor: Struction (m): Contractor: Struction (m): Contractor:	Nater ID:		933462545				
Kind: FRESH Water Found Depth UDM: 1 7 1 of 1 568135 2015 Unit 1568135 2015 Unit 1568135 2015 Unit 1568 135 2015 Unit 15	Layer:		1				
Water Found Depth: 50 Valuer Found Depth: 11 Image: Ima	Kind Code:						
Water Found Depth UDM: f I I I I I I Value UD: 1508135 Date Entry Status: Units of Construction Date: Date Sci: 1 Primary Water Use: Domestic Date Sci: 1 Sec. Water Use: Ornel Water Use: Construction Method: Image: Sci: 1 Evaluation Reliability: Water Supply Mater Supply Abandonment Rec: Constructor: 3725 Evaluation Reliability: Water Supply Water Supply Mandonment Rec: Constructor: 3725 Evaluation Reliability: OTTAWA-CARLETON Munic Constructor: 3725 Evaluation: Concession: Concession: Concession: Concession: Evaluation: Concession Name: Concession Name: Concession: Concession: Concession: Siste Info<			FRESH				
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Construction Date:		450040	-				
Primary Water Use: Domestic Date Received: 4/31952 Sec. Water Vise: 0 Selected Flag: Yes Final Water Type: 3725 3725 Casing Material: Form Version: 1 Audit No: Form Version: 1 Casing Material: Form Version: 1 Casing Material: Street Name: Tawar.CARLETON Evaluation Method: County: OTTAWA.CARLETON Evaluation Reliability: Street Name: Concession: Evaluation Reliability: Concession: Street Name: Evaluation Reliability: Concession: Street Name: Evaluation Reliability: Concession: Street NaBB: Vershurden/Bedrock: Concession: Concession: Vershurden/Bedrock: Zone: Northing NADB3: Elevation: Street NaBB: Zone: Elevation: Street Name: Street Name: Street Valle Information Street Name: Bore Hole Information Street Name: Street Name:		150813	5			4	
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Code OB Desc: Bedrock North83: 5024707 Open Hole: Org CS: UTMRC: 9 Cluster Kind: 2/27/1952 UTMRC Desc: unknown UTM Date Completed: 2/27/1952 UTMRC Desc: unknown UTM Remarks: Location Method: p9 Elevrc Desc: Improvement Location Source: set Source Date: Improvement Location Method: set Source Revision Comment: set Source Revision Comment: Source Revision Comment: set Source Source: set Source Source: Overburden and Bedrock set Source: set Source: Formation ID: 931008895 set Source: Layer: 3 set Source: General Color: set Source: set Source: Mat1: 15 set Source: Mat2: UMESTONE set Source: Other Materials: LIMESTONE	Spatial Status:				Zone:	18	
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Date Completed: 2/27/1952 UTMRC Desc: unknown UTM Remarks: Location Method: p9 Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Source Revision Comment: Supplier Comment: Overburden and Bedrock Materials Interval Formation ID: 931008895 Layer: 3 Color: General Color: Mat1: 15 Most Common Material: LIMESTONE Materials: Waterials: UTMRC Desc: unknown UTM Location Method: p9	Cluster Kind:					9	
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Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Overburden and Bedrock Materials Interval Formation ID: 931008895 Layer: 3 Color: General Color: Mat1: 15 Most Common Material: LIMESTONE Mat2: Other Materials:						99	
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Formation ID: 931008895 Layer: 3 Color: 931008895 General Color: 931008895 Mat1: 15 Most Common Material: LIMESTONE Mat2: 931008895 Other Materials: 15		<u>ock</u>					
Layer: 3 Color:			031008905				
Color: General Color: Mat1: 15 Most Common Material: LIMESTONE Mat2: Other Materials:							
General Color: Mat1: 15 Most Common Material: LIMESTONE Mat2: Other Materials:			3				
Mat1: 15 Most Common Material: LIMESTONE Mat2: Other Materials:							
Most Common Material: LIMESTONE Mat2: Other Materials:							
Mat2: Other Materials:		_					
Other Materials:		al:	LIMESTONE				
Mat3:	Mat3:						

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materia Formation To Formation Er Formation Er	p Depth:	12 108 ft			
<u>Overburden a</u> Materials Inte					
Formation ID Layer: Color: General Colo Mat1:		931008893 1 02			
Most Commo Mat2: Other Materia Mat3: Other Materia	ls:	TOPSOIL			
Formation To Formation Er	p Depth:	0 6 ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID Layer: Color: General Colo		931008894 2			
Mat1: Most Commo Mat2: Other Materia Mat3:		11 GRAVEL			
Other Materia Formation To Formation Er	p Depth:	6 12 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction Code:	1 Cable Tool			
<u>Pipe Informat</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		10578740 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Donth From:	Material:	930052999 1 1 STEEL			
Depth From: Depth To:		22			

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Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Diam Casing Diam Casing Dept	eter UOM:		4 inch ft				
<u>Construction</u>	n Record - (Casing					
Casing ID:			930053000				
Layer:			2				
Material: Open Hole o	r Material·		4 OPEN HOLE				
Depth From:							
Depth To:			108				
Casing Diam Casing Diam	eter:		4 inch				
Casing Dept			ft				
<u>Results of W</u>	ell Yield Te	esting					
Pump Test IL	D:		991508135				
Pump Set At	:						
Static Level: Final Level A		na:	13 17				
Recommend			17				
Pumping Rat	te:	•	4				
Flowing Rate							
Recommend Levels UOM:	•	ate:	ft				
Rate UOM:			GPM				
Water State		Code:	1				
Water State A Pumping Tes			CLEAR 1				
Pumping Du			0				
Pumping Du			30				
Flowing:			Ν				
Water Details	<u>S</u>						
Water ID:			933462525				
Layer:			1				
Kind Code:			1 FRESH				
Kind: Water Found	l Denth		50				
Water Found	Depth UO	М:	ft				
<u>8</u>	1 of 1		SE/87.9	80.9 / 0.93	01		WWIS
					ON		
Well ID: Construction	Dates	150813	2		Data Entry Status: Data Src:	1	
Primary Wate		Domes	tic		Data Src: Date Received:	4/3/1952	
Sec. Water U		0			Selected Flag:	Yes	
Final Well St	atus:	Water S	Supply		Abandonment Rec:	5440	
Water Type: Casing Mate	rial·				Contractor: Form Version:	5448 1	
Audit No:	a				Owner:	ı	
Tag:					Street Name:		
Construction					County: Municipality:	OTTAWA-CARLETON	
Elevation (m Elevation Re					Municipality: Site Info:	OTTAWA CITY	
Depth to Bec					Lot:		
Well Depth:					Concession:		
Overburden/	Bedrock:				Concession Name:		

	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy:	el:			Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Bore Hole Inform	nation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loo Improvement Loo Source Revision Supplier Comme	Date: cation Source: cation Method: Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.994438 18 440475.7 5024722 9 unknown UTM p9	
<u>Overburden and</u> Materials Interva						
Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2: Other Materials: Mat3: Other Materials: Formation Top D Formation End D Formation End D	aterial: Pepth: Pepth:	931008886 2 15 LIMESTONE 5 90 ft				
<u>Overburden and Materials Interva</u>						
Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2: Other Materials: Mat3: Other Materials: Formation Top D Formation End D Formation End D	Pepth: Depth:	931008885 1 25 OVERBURDEN 0 5 ft				
Method of Const	-	π				

<u>Use</u>

Method Construction ID:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Cons	truction Code: truction: Construction:	1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10578737 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930052993 1 1 STEEL 20 5 inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930052994 2 4 OPEN HOLE 90 5 inch ft			
<u>Results of W</u>	ell Yield Testing				
Recommende Pumping Rate Flowing Rate Recommende Levels UOM: Rate UOM: Water State A Pumping Tes Pumping Dur Pumping Dur Flowing: <u>Water Details</u> Water ID: Layer:	fter Pumping: ed Pump Depth: e: : ed Pump Rate: After Test Code: After Test: t Method: ration HR: ration MIN:	991508132 8 20 5 ft GPM 1 CLEAR 1 0 30 N 933462522 1			
Kind Code: Kind: Water Found		1 FRESH 90			
Water Found		ft			
45	erisinfo.com En	vironmental Risk Info	rmation Service	S	Order No: 20200114246

Map Key	Numbe Record			Site		D
<u>9</u>	1 of 1	W/89.8	79.9 / -0.07	1983 Carling Avenue Ottawa ON K2A 1E9		EHS
Order No:		20051117009		Nearest Intersection:		
Status:		С		Municipality:		
Report Type		Custom Report		Client Prov/State:	ON	
Report Date:		11/25/2005		Search Radius (km):	0.25	
Date Receive Previous Site		11/17/2005		X: Y:	-75.761992 45.374216	
Lot/Building Additional In	Size:	:			40.014210	
<u>10</u>	1 of 1	SE/90.9	80.9 / 0.93	ON		wwi
		4507070		-		
Well ID: Constructior		1507979		Data Entry Status: Data Src:	1	
Primary Wat		Domestic		Date Received:	10/15/1951	
Sec. Water U		0		Selected Flag:	Yes	
Final Well St	atus:	Water Supply		Abandonment Rec:		
Water Type:				Contractor:	5448	
Casing Mate Audit No:	rial:			Form Version: Owner:	1	
Tag:				Street Name:		
Construction	n Method:			County:	OTTAWA-CARLETON	
Elevation (m				Municipality:	OTTAWA CITY	
Elevation Re	-			Site Info:		
Depth to Bec Well Depth:	irock:			Lot: Concession:		
Overburden/	Bedrock:			Concession Name:		
Pump Rate:				Easting NAD83:		
Static Water				Northing NAD83:		
Flowing (Y/N	l):			Zone:		
Flow Rate: Clear/Cloudy	<i>ı</i> :			UTM Reliability:		
<u>Bore Hole In</u>	formation					
Bore Hole ID	:	10030014		Elevation:	80.866745	
DP2BR:		4		Elevrc:		
Spatial Statu	s:			Zone:	18	
Code OB: Code OB De		r Bedrock		East83: North83:	440480.7 5024722	
Open Hole:	30.	Dearock		Org CS:	3024122	
Cluster Kind	:			UTMRC:	9	
Date Comple	eted:	5/25/1951		UTMRC Desc:	unknown UTM	
Remarks:				Location Method:	p9	
Elevrc Desc: Location Sol						
Improvemen		Source:				
Improvemen						
Source Revi		ent:				
Supplier Cor	nment:					
Overburden Materials Inte		<u>ck</u>				
Formation ID).	931008520				
		1				
Laver:		•				
Layer: Color:						

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1: Most Commo	on Material:	05 CLAY			
Mat2: Other Materia Mat3:	als:				
Other Materia	als:				
Formation To	op Depth:	0			
Formation El Formation El	nd Depth: nd Depth UOM:	4 ft			
Overburden Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	931008521			
Layer:		2			
Color: General Colo	or:				
Mat1:		15			
Most Commo	on Material:	LIMESTONE			
Mat2: Other Materia	als:				
Mat3:					
Other Materia					
Formation Te Formation E		4 79			
	nd Depth UOM:	ft			
	-				
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction Code:	1 Cable Tool			
<u>Pipe Informa</u>	tion				
Pipe ID:		10578584			
Casing No: Comment: Alt Name:		1			
<u>Constructior</u>	<u>n Record - Casing</u>				
Casing ID:		930052685			
Layer:		2			
Material: Open Hole o	r Matarial:	4 OPEN HOLE			
Depth From:		OFEN HOLE			
Depth To:		79			
Casing Diam Casing Diam	eter:	5 inch			
Casing Diam Casing Dept		ft			
<u>Constructior</u>	n Record - Casing				
Casing ID:		930052684			
Layer:		1			
Material:	r Matariali	1 STEEL			
Open Hole of Depth From:		SIEEL			
Depth To:		11			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Diam		5					
Casing Diam		inch	1				
Casing Depth	h UOM:	ft					
<u>Results of W</u>	ell Yield Tes	ting					
Pump Test ID		991	507979				
Pump Set At:	:						
Static Level:	(10					
Final Level A							
Recommende Pumping Rat		риі. 7					
Flowing Rate		'					
Recommende		te:					
Levels UOM:		ft					
Rate UOM:		GPI	М				
Water State A	After Test Co						
Water State A		CLE	EAR				
Pumping Tes		1					
Pumping Dur		0					
Pumping Dur Flowing:	ration min:	30 N					
r iowing.		IN IN					
Water Details	5						
Water ID:		933	462297				
Layer:		1					
Kind Code:		1					
Kind:		FRE	ESH				
Water Found Water Found		79 I: ft					
<u>11</u>	1 of 2	E	SE/104.4	80.9 / 0.93	011		WWIS
					ON		
Well ID:	Dete	1508387			Data Entry Status:	4	
Construction		Domostia			Data Src: Date Received:	1 4/17/1953	
Primary Wate Sec. Water U		Domestic 0			Selected Flag:	4/17/1953 Yes	
Final Well Sta		Water Supply			Abandonment Rec:	165	
Water Type:	atuo.	mater eappij			Contractor:	3725	
Casing Mater	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction					County:	OTTAWA-CARLETON	
Elevation (m)					Municipality:	OTTAWA CITY	
Elevation Rel Depth to Bed					Site Info: Lot:		
Well Depth:	JUN.				Concession:		
Overburden/l	Bedrock:				Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water					Northing NAD83:		
Flowing (Y/N):				Zone:		
					UTM Reliability:		
Flow Rate: Clear/Cloudy					o na richability.		

Bore Hole Information

Bore Hole ID:	10030421	Elevation:	80.486244
DP2BR:	10	Elevrc:	
Spatial Status:	r	Zone:	18
Code OB:		East83:	440500.7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Code OB Desc Open Hole:	: Bedrock			North83: Org CS:	5024722	
Cluster Kind: Date Complete Remarks: Elevrc Desc:	e d: 1/23/195	53		UTMRC: UTMRC Desc: Location Method:	5 margin of error : 100 m - 300 m p5	
Location Sour Improvement L	Location Source: Location Method: Ion Comment:					
<u>Overburden ar</u> Materials Inter						
Formation ID: Layer: Color:		931009551 1				
General Color: Mat1: Most Common		09 MEDIUM SAND				
Mat2: Other Material: Mat3:	s:	11 GRAVEL				
Other Material Formation Top Formation End Formation End	Depth: Depth:	0 10 ft				
<u>Overburden ar</u> Materials Inter						
Formation ID: Layer:		931009552 2				
Color: General Color: Mat1: Most Common Mat2:		1 WHITE 15 LIMESTONE				
Matz. Other Material: Mat3: Other Material:						
Formation Top Formation End Formation End	Depth: Depth:	10 175 ft				
<u>Method of Con</u> <u>Use</u>	struction & Well					
Method Consti Method Consti Method Consti Other Method	ruction Code: ruction:	1 Cable Tool				
Pipe Informatio	<u>on</u>					
Pipe ID: Casing No: Comment: Alt Name:		10578991 1				

Construction Record - Casing

Map Key	Number Records		Elev/Diff) (m)	Site		DB
Casing ID:		930053491				
Layer:		2				
Material:		4				
Open Hole o		OPEN HOLE				
Depth From:						
Depth To:		175				
Casing Diam		6				
Casing Diam Casing Dept		inch ft				
<u>Constructior</u>	n Record - Ca	asina				
	<u>i Necolu - Ca</u>	-				
Casing ID:		930053490				
Layer:		1				
Material:	" Moto:::-!-	1 87551				
Open Hole of		STEEL				
Depth From:		10				
Depth To:	otori	18				
Casing Diam	eter:	6 inch				
Casing Diam Casing Dept		inch ft				
Casing Dept	n oom:	п				
<u>Results of W</u>	lell Yield Tes	ting				
Pump Test II	D:	991508387				
Pump Set At						
Static Level:		15				
Final Level A	After Pumping	g: 15				
Recommend						
Pumping Rat		5				
Flowing Rate						
Recommend	led Pump Ra	te:				
Levels UOM:		ft				
Rate UOM:		GPM				
Water State	After Test Co					
Water State		CLEAR				
Pumping Tes		1				
Pumping Du		1				
Pumping Du	ration MIN:	0				
Flowing:		Ν				
Water Details	<u>s</u>					
14/- / 15		000 400070				
Water ID:		933462870				
Layer:		1				
Kind Code:		1				
Kind:	1.0	FRESH				
Water Found		65				
Water Found	Uepth UOM	: ft				
<u>11</u>	2 of 2	ESE/104.4	80.9 / 0.93	ON		WWIS
Well ID:		1508392				
Construction		100032		Data Entry Status: Data Src:	1	
		Domestic		Data Src: Date Received:	1/30/1956	
Primary Wate Sec. Water U		0		Selected Flag:	Yes	
Sec. water u Final Well St		Water Supply		Selected Flag: Abandonment Rec:	100	
Water Type:		Trater Ouppry		Contractor:	3701	
Casing Mate				Form Version:	1	
Audit No:				Owner:	ı	
Audit NO.				owner.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Fag: Construction I Elevation (m): Elevation Reli Depth to Bedri Vell Depth: Dverburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	ability: ock: edrock: evel:			Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desc Open Hole:	r	6		Elevation: Elevrc: Zone: East83: North83: Org CS:	80.486244 18 440500.7 5024722	
Cluster Kind: Date Complete Remarks: Elevrc Desc:	ed: 9/27/195	5		UTMRC: UTMRC Desc: Location Method:	5 margin of error : 100 m - 300 m p5	
Source Revisi Supplier Com Overburden an Materials Inter	ment: nd Bedrock					
Formation ID: Layer:		931009562 2				
Color: General Color Mat1:	:	15				
Most Commor Mat2: Other Material Mat3:	ls:	LIMESTONE				
Other Material Formation Top Formation End Formation End	o Depth:	4 200 ft				
<u>Overburden a</u> Materials Inter						
Formation ID: Layer: Color: General Color		931009561 1				
Mat1: Most Commor Mat2: Other Material Mat3:	n Material: Is:	06 SILT				
Other Material Formation Top Formation End	Depth:	0 4				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Formation E	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction Code:	1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10578996 1			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Depti	eter: eter UOM:	930053501 2 4 OPEN HOLE 200 5 inch ft			
Construction	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930053500 1 1 STEEL 14 5 inch ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL Pump Set At Static Level: Final Level A	:	991508392 30 70			

Final Level After Pumping:	70
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	Ν

Water Details

, ,	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water ID: Layer: Kind Code: Kind: Water Found De Water Found De		933462879 2 1 FRESH 200 ft				
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found De Water Found De		933462878 1 FRESH 150 ft				
<u>12</u> 1 0	of 1	WNW/106.6	79.9 / -0.07	1983 Carling Ave Ottawa ON K2A1E9		EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Na Lot/Building Siz Additional Info (17-FEE 10-FEE ame: e:	n Report 8-15		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.762134 45.374448	
<u>13</u> 10	of 2	ESE/110.6	80.6 / 0.62	ON		wwis
Well ID: Construction Da Primary Water U Sec. Water Use: Final Well Status Water Type: Casing Material: Audit No: Tag: Construction Me Elevation (m): Elevation Reliab Depth to Bedroo Well Depth: Overburden/Bed Pump Rate: Static Water Lew Flowing (Y/N): Flow Rate: Clear/Cloudy:	Ise: Domes 0 s: Water s ethod: bility: ck: drock:	tic		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 7/28/1952 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Inform	nation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	100304 12 r Bedroc			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	80.739768 18 440530.7 5024762 9	

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Order No: 20200114246

Elever Desc: improvement Location Source : improvement Location Methods : Source Erevision Comment: Source Erevision Comment:	• •	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Materials Interval 931009546 Layer: 1 Color:	Remarks: Elevrc Desc: Location Source Improvement Lo Improvement Lo Source Revision	Date: cation Source: cation Method: Comment:				
Layer: 1 General Color:						
Color: Matt: 056 Most Common Material: CLAY Mat2: Coher Materials: CLAY Mat2: Formation Top Depth: 0 Formation Top Depth: 12 Formation End Depth UOM: 1 Coverburden and Bedrock Materials Interval Formation ID: 931009547 Layer: 2 Color: 3 General Color: 3 LUE Mattri: 17 Mattr	Formation ID:		931009546			
General Color: 05 Mat: 05 Most Common Material: CLAY Mar: CLAY Mat: CLAY Materials: Formation Depth: Formation End Depth: 12 Formation End Depth: 12 Corburden and Bedrock Materials Interval Materials Interval Statematics Formation End Depth: 12 Color: 3 General Color: BLUE Materials: To Materials: </td <td>Layer:</td> <td></td> <td>1</td> <td></td> <td></td> <td></td>	Layer:		1			
Matri: 05 Most Common Material: CLAY Mail: Clay Formation End Depth: 0 Formation End Depth UOM: t Tormation ID: 931009547 Layer: 2 Color: 3 General Color: BUUE Matr: 17 Matri: 17 Formation End Depth: 12 Formation End Depth: 12 Formation End Depth: 12 Formation End Depth: 14 Me	Color:					
Most Common Material: CLAY Materials: Class Other Materials: Class Formation Depth: 0 Formation End Depth: 12 Formation End Depth: 12 Formation End Depth: 12 Formation End Depth: 12 Formation End Depth UOM: 1 Overburden and Bedrock Materials Interval Formation End Depth 2 Color: 2 Color: 2 Color: 3 General Color: 8 BLUE Materials: 7 Most Common Material: SHALE Materials: 5 Common: 1 Formation End Depth: 12 Formation End Depth: 12 Formation End Depth: 12 Formation End Depth: 16 Formation End Depth: 10 Method Construction A: Well Lise Method Construction ID: Code: 1 Method Construction ID: Code: 1 Method Construction ID: Code: 1 Pipe ID: Code: 1 Pipe ID: 10 Cher Method Construction ID: 10 Formation Pipe ID: 10 Common: Code: 1 Method Construction ID: 10 Formation Pipe ID: 10 Common: Code: 1 Method Construction ID: 10 Formation Pipe ID: 10 Common: Code: 1 Method Construction ID: 10 Formation Pipe ID: 10 Construction Force: 1 Method Construction ID: 10 Common: Code: 1 Method Construction ID: 10 Formation Pipe ID: 10 Common: Code: 1 Method Construction Force: 1 Source Construction Force: 1 Formation Fipe ID: 10 Common: Code: 1 Method Construction ID: 10 Fipe ID: 10 Common: Code: 1 Method Construction ID: 10 Fipe ID: 10 Common: Code: 10 Fipe ID:						
Mat2: Mat3: Mat3: Formation Fop Depth: 0 Formation End Depth: 12 Formation End Depth: 12 Formation End Depth: 931009547 Layer: 2 Golor: 3 General Color: 9 LUFE Mat1: 17 Mat2: Other Materials: Mat2: Other Materials: Haterials: Mat2: Other Materials: Mat2: Dife Materials: Mat2: Dife Materials: Mat2: Dife Materials: Mat2: Dife Materials: Mat2: Dife Materials: Mat2: Dife Materials: Mat2: Dife Materials: Formation End Depth: 12 Formation End Depth: 161 Formation End Depth: 161 Formation End Depth: 161 Formation End Depth: 0 Dife Materials: Pipe ID: Cobstruction: Pipe ID: 10578989 Casing No: 1 Comment: Comment: Comment: Comment: Comment: Comment: Casing ID: 930053485						
Other Materials: Materials:Formation Top Depth:0Formation End Depth:12Formation End Depth:12Formation End Depth:12Formation End Depth:12Color:931009547Layer:2Color:3BulleUleMaterials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Materials:14Formation Top Depth:12Formation Top Depth:12Formation End Depth:16Formation End Depth:12Formation End Depth:12Formation End Depth:14Method Construction & Well14Method Construction:Cable ToolOther Method Construction:14Pipe ID:10578989Casing No:1At Name:14Construction Record - Casing14Casing ID:930053485		laterial:	CLAY			
Mata: Formation Top Depth: 0 Formation End Depth UOM: 1 Overburden and Bedrock. Matarials Interval Formation ID: 931009547 Layer: 2 Color: 3 General Color: BLUE Matti I 7 Most Common Material: SHALE Mata Common Materials: HALE Matarials: HALE Matarials: HALE Formation Top Depth: 12 Formation Top Depth: 12 Formation End Depth UOM: t Method Construction & Well Use Method Construction C: Cable Tool Other Method Construction: Cable Tool Pipe Information Pipe ID: 10 Casing NO: Casing JD: 930053485 Casing ID: 930053485						
Other Materials: 0 Formation Dopoth: 12 Formation End Depth: 12 Formation End Depth: 12 Formation End Depth: 12 Formation End Depth: 12 Color: 3 Formation ID: 931009547 Layer: 2 Color: 3 General Color: BLUE Materials: 17 Most Common Material: 17 Most Common Material: 17 Most Common Material: 14 Materials: 17 Most Common Material: 14 Materials: 14 Material: 12 Formation Top Depth: 12 Formation Top Depth: 16 Formation End Depth: 16 Formation End Depth: 10 Method Construction Record: 1 Method Construction ID: Cable Tool Other Method Construction: Cable Tool Other Method Construction: 1 Pipe ID: 10578989 Casing No: 1	Mat3:					
Formation End Depth: 12 Formation End Depth UOM: 1 Overburden and Bedrock.	Other Materials:					
Formation End Depth UOM: t Overburden and Bedrock. Materials Interval Materials Interval 931009547 Formation ID: 931009547 Layer: 2 Color: 3 General Color: BLUE Matt: 17 Most Common Material: SHALE Mat2: HALE Mat3: HALE Mat4: HALE Mat5: HALE Mat7: 161 Formation Top Depth: 161 Formation End Depth: 161 Formation End Depth: 162 Method Construction A Well. Cable Tool Other Materials: Cable Tool Method Construction: Cable Tool Other Mathod Construction: 10578989 Casing No: 1 Pipe ID: 10578989 Casing No: 1 Comment: 1 Att Name: Young4545	Formation Top D	epth:	0			
Overburden and Bedrock. Materials Interval Formation ID: 931009547 Layer: 2 Color: 3 General Color: BLUE Matt: 17 Most Common Material: SHALE Matt: 17 Most Common Material: SHALE Matt: 17 Other Materials: SHALE Matt: 17 Other Materials: SHALE Matt: 12 Formation Top Depth: 12 Formation End Depth: 161 Formation End Depth: 161 Method Construction & Well. Mattriat Method Construction ID: Stale Tool Method Construction: Cable Tool Other Method Construction: 10578989 Casing No: 1 Cosing No: 1 Casin			12			
Materials Interval Formation ID: 931009547 Laye: 2 Color: 3 General Color: BLUE Mat1: 17 Most Common Material: SHALE Mat2: 0 Other Materials: HALE Mat3: 0 Other Materials: Formation Top Depth: Formation Top Depth: 12 Formation End Depth: 161 Formation End Depth: 161 Method Construction AD: Kethod Construction Code: Method Construction ID: Cable Tool Method Construction ID: Cable Tool Pipe ID: 10578989 Casing NO: 1 Comment: At Name: Construction Record - Casing 930053485	Formation End D	Depth UOM:	ft			
Layer: 2 Color: 3 General Color: BLUE Mat1: 17 Most Common Material: SHALE Mat2: Other Materials: Mat3:						
Color: 3 General Color: BLUE Matt: 17 Most Common Material: SHALE Matz: SHALE Other Materials: SHALE Mat3: Formation Top Depth: 12 Formation End Depth: Formation End Depth 161 Formation End Depth UOM: t Method Construction & Well. View Wethod Construction Code: 1 Method Construction: Cable Tool Other Method Construction: Cable Tool Pipe ID: 10578989 Casing No: 1 Construction Record - Casing Seconstruction Record - Casing Casing ID: 930053485	Formation ID:		931009547			
General Color: BLUE Matt: 17 Most Common Material: SHALE Matz: SHALE Other Materials: Formation Top Depth: 12 Formation End Depth: 12 Formation End Depth: 161 Formation End Depth UOM: tt Method of Construction & Well June 100 Use Second Construction Code: Pipe Information Cable Tool Other Method Construction: 10578989 Casing No: 1 Alt Name: Second Construction Record - Casing Construction Record - Casing 930053485	Layer:					
Mat1: 17 Most Common Material: SHALE Mat2: Other Materials: Other Materials: Formation Top Depth: Formation End Depth: 12 Formation End Depth: 161 Formation End Depth UOM: tt Method of Construction & Well. Value Use 1 Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: 1 Pipe Information Cable Tool Pipe ID: 10578989 Casing No: 1 Alt Name: 2 Construction Record - Casing 930053485						
Most Common Material: SHALE Mat2: Mat2: Other Materials: Formation Top Depth: 12 Formation End Depth: 161 Formation End Depth UOM: tt Method of Construction & Well. Use Method Construction ID: Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: Pipe ID: Cable Tool Other Method Construction: Pipe ID: 10578989 Casing No: 1 Comment: Alt Name: Construction Record - Casing Casing ID: 930053485						
Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 12 Formation End Depth: 161 Formation End Depth UOM: tt Method of Construction & Well. Use Method Construction ID: Method Construction Code: Method Construction: Cable Tool Other Method Construction: 10578989 Casing No: 1 Comment: At Name: Construction Record - Casing 930053485						
Other Materials:		laterial:	SHALE			
Mat3: Uther Materials: Formation Top Depth: 12 Formation End Depth: 161 Formation End Depth UOM: tt Method of Construction & Well Use Method Construction ID: Method Construction Code: Method Construction: Cable Tool Other Method Construction: Cable Tool Pipe Information 10578989 Casing No: 1 Att Name: 930053485						
Formation Top Depth: 12 Formation End Depth: 161 Formation End Depth UOM: ft Method of Construction & Well	Mat3:					
Formation End Depth: 161 Formation End Depth UOM: It Method of Construction & Well. Use Method Construction ID: Interface Method Construction ID: Cable Tool Method Construction: Cable Tool Other Method Construction: Cable Tool Pipe Information 10578989 Casing No: 1 Alt Name: 20053485	Other Materials:					
Formation End Depth UOM: ft Method of Construction & Well Use Image: Construction Code: 1 Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: Cable Tool Pipe Information 10578989 Casing No: 1 Construction Record - Casing 930053485	Formation Top D	epth:	12			
Method of Construction & Well Use Image: Construction ID: Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: Pipe Information Cable Tool Pipe ID: 10578989 Casing No: 1 Construction Record - Casing Casing ID: 930053485	Formation End D	Depth:				
Use Method Construction ID: Method Construction: 1 Method Construction: Cable Tool Other Method Construction: Cable Tool Pipe Information 10578989 Casing No: 1 Comment: Alt Name: 1 Construction Record - Casing 930053485	Formation End D	Depth UOM:	ft			
Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: Cable Tool Pipe Information 10578989 Casing No: 1 Comment: 1 Alt Name: 930053485	<u>Method of Const</u> <u>Use</u>	ruction & Well				
Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: Cable Tool Pipe Information 10578989 Casing No: 1 Comment: 1 Alt Name: 930053485	Mathe	- 41 a m 17				
Method Construction: Cable Tool Other Method Construction: Pipe Information Pipe ID: 10578989 Casing No: 1 Comment: 1 Alt Name: 930053485			1			
Other Method Construction: Pipe Information Pipe ID: 10578989 Casing No: 1 Comment: Alt Name: Construction Record - Casing Gasing ID: 930053485						
Pipe ID: 10578989 Casing No: 1 Comment: 1 Alt Name: 1 Construction Record - Casing 930053485						
Casing No: 1 Comment: Alt Name: Construction Record - Casing Casing ID: 930053485	Pipe Information	!				
Casing No: 1 Comment: Alt Name: Construction Record - Casing Casing ID: 930053485	Pipe ID:		10578989			
Comment: Alt Name: Construction Record - Casing Casing ID: 930053485	Casing No:					
Casing ID: 930053485	Comment: Alt Name:					
	Construction Re	cord - Casing				
	Casing ID:		930053485			
	Layer:					

Map Key	Number o Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Material:		1				
Open Hole o		STEEL				
Depth From: Depth To:		21				
	otor:	4				
Casing Diam Casing Diam		inch				
Casing Dept		ft				
<u>Construction</u>	n Record - Cas	sing				
Casing ID:		930053486				
Layer:		2				
Material:		4				
Open Hole o		OPEN HOLE				
Depth From:		101				
Depth To:	- 4	161				
Casing Diam		4 inch				
Casing Diam Casing Dept		inch ft				
Results of W	/ell Yield Testi	ing				
Pump Test II		991508385				
Pump Set At						
Static Level:		12				
	After Pumping	: 18				
	led Pump Dep					
Pumping Ra		1				
Flowing Rate						
	led Pump Rate	ə:				
Levels UOM		ft				
Rate UOM:		GPM				
Water State	After Test Cod	de: 1				
Water State	After Test:	CLEAR				
Pumping Tes	st Method:	1				
Pumping Du	ration HR:	0				
Pumping Du	ration MIN:	30				
Flowing:		Ν				
Water Detail	<u>s</u>					
Water ID:		933462867				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found	Depth:	54				
	I Depth UOM:	ft				
<u>13</u>	2 of 2	ESE/110.6	80.6 / 0.62	ON		wwis
Well ID:	4	508389				
well ID: Construction		000009		Data Entry Status: Data Src:	1	
Primary Wat		Domestic		Data Src: Date Received:	9/1/1954	
Sec. Water L				Selected Flag:	9/1/1954 Yes	
Final Well St		, Vater Supply		Abandonment Rec:		
Water Type:	utus. v	and cupply		Contractor:	3701	
Casing Mate	rial:			Form Version:	1	
Audit No:				Owner:	•	
Tag:				Street Name:		
Construction	n Method:			County:	OTTAWA-CARLETON	
Elevation (m				Municipality:	OTTAWA CITY	
	-					

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water Flowing (Y/N, Flow Rate: Clear/Cloudy	lrock: Bedrock: Level:):			Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Bore Hole Inf	ormation					
Improvement	6 s: r sc: Bedrock ted: 6/2/1954 rce Date: t Location Source: Location Method: sion Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	80.739768 18 440530.7 5024762 9 unknown UTM p9	
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation Er Formation Er	r: on Material: als: als: op Depth:	931009555 1 05 CLAY 0 6 ft				
Overburden a Materials Inte						
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation Er Formation Er	r: on Material: als: als: op Depth:	931009556 2 15 LIMESTONE 6 137 ft				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons					
Method Cons Method Cons	struction Code:	1 Cable Tool			
Other Method	d Construction:				
<u>Pipe Informat</u>	<u>tion</u>				
Pipe ID:		10578993			
Casing No: Comment:		1			
Alt Name:					
Construction	Record - Casing				
Casing ID: Layer:		930053494 1			
Material:		1			
Open Hole or Depth From:	Material:	STEEL			
Depth To:		20			
Casing Diam Casing Diam		5 inch			
Casing Depth		ft			
Construction	Record - Casing				
Casing ID:		930053495			
Layer: Material:		2 4			
Open Hole or	Material:	OPEN HOLE			
Depth From: Depth To:		137			
Casing Diam		5			
Casing Diam Casing Depth		inch ft			
<u>-</u>					
	ell Yield Testing				
Pump Test ID Pump Set At:		991508389			
Static Level:		12			
	fter Pumping: ed Pump Depth:	25			
Pumping Rat	e:	6			
Flowing Rate Recommende	: ed Pump Rate:				
Levels UOM:		ft			
Rate UOM: Water State A	After Test Code:	GPM 1			
Water State A	After Test:	CLEAR			
Pumping Tes Pumping Dur		1 1			
Pumping Dur		0			
Flowing:		Ν			

Water Details

Water ID:	933462872
Layer:	1

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Kind Code: Kind: Water Found Water Found		И:	1 FRESH 90 ft				
Water Details							
Water ID: Layer: Kind Code: Kind: Water Found Water Found		И:	933462873 2 1 FRESH 137 ft				
<u>14</u>	1 of 1		SE/116.0	80.9 / 0.93	ON		www
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction Elevation (m): Elevation Reli Depth to Bedi Well Depth: Overburden/E Flowing (Y/N) Flow Rate: Clear/Cloudy:	r Use: se: htus: ial: Method: : iability: rock: Bedrock: _evel: :	1508142 Domesti 0 Water S	с		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	8 9/7/1954 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Info Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Souu Improvement Improvement Source Revise Supplier Com	s: c: red: rce Date: Location S Location M ion Commo	Nethod:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.576293 18 440480.7 5024692 9 unknown UTM p9	
Overburden a Materials Inte		<u>k</u>					
Formation ID: Layer: Color:			931008910 2 2				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Colo	or:	GREY			
Mat1: Most Commo	on Material:	15 LIMESTONE			
Mat2:					
Other Materia	als:				
Mat3: Other Meteri	alar				
Other Materia Formation To		10			
Formation E	nd Depth:	118			
Formation Er	nd Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID	2	931008909			
Layer:		1			
Color:					
General Colo Mat1:	or:	05			
Most Commo	on Material:	CLAY			
Mat2:					
Other Materia	als:				
Mat3: Other Materia	ale				
Formation To		0			
Formation Er	nd Depth:	10			
Formation E	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons					
Method Cons Method Cons	struction Code:	1 Cable Tool			
	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10578747			
Casing No:		1			
Comment: Alt Name:					
An name.					
Construction	Record - Casing				
Casing ID:		930053015			
Layer: Motoriol:		2			
Material: Open Hole of	r Material·	4 OPEN HOLE			
Depth From:	material.				
Depth To:		118			
Casing Diam	eter:	to all			
Casing Diam Casing Deptl		inch ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930053014			
Layer:		1			
Material:					

Layer: Material: Open Hole or Material: Depth From:

59

20				
in ak				
in alt				
inch				
ft				
991508142				
16				
4				
933462534				
1				
1				
FRESH				
116				
ft				
SW/120.1	80.9 / 0.93			wwis
		ON		
8463		Data Entry Status:		
nestic				
en Cummlu			Yes	
er Suppry			4216	
			i	
			OTTAWA-CARLETON	
		-	OTTAWA CITY	
		Site Info:		
		Lot:		
		Concession:		
		Concession Name:		
		UTM Reliability:		
30497		Elevation:	82.617988	
		Elevrc: Zone:	18	
	ft 991508142 16 ft GPM 1 0 30 N 933462534 1 1 FRESH 116 ft SW/120.1 8463 hestic er Supply	ft 991508142 16 ft GPM 1 0 30 N 933462534 1 1 FRESH 116 ft SW/120.1 80.9 / 0.93 8463 hestic er Supply	t 991508142 16 ft GPM 1 0 30 933462534 1 1 5W/12.1 80.9 / 0.93 ON 8463 testic er Supply ON Data Entry Status: Data Src: Data Src	t 991508142 16 t PM 1 30 933462534 1 FRESH 16 t SW120.1 80.9/0.93 D SW120.1 80.9/0.93 D D D D D D D D

DB

Мар Кеу

Number of

Records

Direction/

Distance (m)

Elev/Diff

(m)

Site

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
	ed: 5/1/1954 ce Date: Location Source: Location Method: on Comment:			East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	440360.7 5024692 5 margin of error : 100 m - 300 m p5	
Overburden ar Materials Inter						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material: Formation Top Formation End	n Material: s: s: Depth: d Depth:	931009731 2 15 LIMESTONE 10 102				
Formation Enc	nd Bedrock	ft				
Materials Inter Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material:	: Material:	931009730 1 05 CLAY				
Mat3: Other Material Formation Top Formation Enc Formation Enc	s: > Depth: 1 Depth:	0 10 ft				
<u>Method of Con</u> <u>Use</u>	nstruction & Well					
Method Consti Method Consti Method Consti Other Method	ruction Code: ruction:	1 Cable Tool				
<u>Pipe Information (1997)</u>	<u>on</u>					
Pipe ID: Casing No: Comment: Alt Name:		10579067 1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Construction	Record - Casing				
Casing ID:		930053638			
Layer:		1			
Material:		1			
Open Hole or	Material:	STEEL			
Depth From:		14			
Depth To: Casing Diame	otor:	5			
Casing Diame		inch			
Casing Depth		ft			
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID:		930053639			
Layer: Material:		2			
Material: Open Hole or	Matarial	4 OPEN HOLE			
Depth From:	waterial:	OFEN HOLE			
Depth To:		102			
Casing Diame	eter:	5			
Casing Diame	eter UOM:	inch			
Casing Depth	UOM:	ft			
<u>Results of We</u>	ell Yield Testing				
Pump Test ID		991508463			
Pump Set At:		40			
Static Level:	for Dumping	12 16			
	fter Pumping: ed Pump Depth:	10			
Pumping Rate		6			
Flowing Rate		-			
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
	fter Test Code:	1			
Water State A Pumping Tes		CLEAR 1			
Pumping Dur		0			
Pumping Dur		20			
Flowing:		Ν			
Water Details					
Water ID:		933462975			
Layer:		2			
Kind Code:					
Kind: Water Found	Denth:	FRESH 102			
Water Found	Depth UOM:	ft			
Water Details					
Water ID:		933462974			
Layer:		1			
Kind Code:		1			
Kind: Watar Faund	Danisha	FRESH			
Water Found		60 ft			
Water Found	Depth UOM:	ft			

	Record	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		D
<u>16</u>	1 of 1		SSE/120.7	80.9 / 0.93	lot 28 con 2 ON		wwi
Well ID:	_	1510600			Data Entry Status:		
Construction		D (1)			Data Src:	1	
Primary Wate		Domestic			Date Received:	8/8/1951	
Sec. Water U Final Well Sta		0 Water Su	oply		Selected Flag: Abandonment Rec:	Yes	
Water Type:	atus:	Water Su	opiy		Contractor:	3725	
Casing Mater	rial·				Form Version:	1	
Audit No:	nan.				Owner:	•	
Tag:					Street Name:		
Construction	n Method:				County:	OTTAWA-CARLETON	
Elevation (m					Municipality:	OTTAWA CITY (NEPEAN)	
Elevation Re					Site Info:		
Depth to Bea	drock:				Lot:	028	
Well Depth:					Concession:	02	
Overburden/	Bedrock:				Concession Name:	OF	
Pump Rate:					Easting NAD83:		
Static Water					Northing NAD83:		
Flowing (Y/N	1):				Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy	/:						
Bore Hole Ini	formation						
Bore Hole ID):	10032626	i		Elevation:	80.715354	
DP2BR:		5			Elevrc:		
Spatial Statu	is:				Zone:	18	
Code OB:		r Dedaala			East83:	440470.7	
Code OB Des	sc:	Bedrock			North83:	5024682	
Open Hole: Cluster Kind.					Org CS: UTMRC:	9	
Date Comple		11/15/194	0		UTMRC Desc:	9 unknown UTM	
Remarks:	eleu.	11/13/134	.9		Location Method:	p9	
Elevrc Desc:					Location method.	þö	
Location Sou Improvement Improvement Source Revis	t Location S t Location I sion Comm	Method:					
Supplier Con							
Overburden a		: <u>k</u>					
Overburden a Materials Inte	erval		931015334				
<u>Overburden a</u> <u>Materials Inte</u> Formation ID	erval		931015334 1				
<u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer:	erval						
Overburden a Materials Inte Formation ID Layer: Color:	<u>erval</u> D:						
<u>Overburden a</u> Materials Inte Formation ID Layer: Color: General Colo	<u>erval</u> D:						
Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1:	<u>erval</u>): pr:		1				
Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2:	<u>erval</u>): or: on Material:		1 05				
Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia	<u>erval</u>): or: on Material:		1 05				
Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3:	<u>erval</u> D: Dr: Dn Material: als:		1 05				
Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia	<u>erval</u> 5: 5r: 5n Material: als: als:		1 05 CLAY				
Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To	<u>erval</u> o: on: on Material: als: cals: op Depth:		1 05 CLAY 0				
Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia	<u>erval</u> 5: 5: 50n Material: als: 5als: 50p Depth: nd Depth:		1 05 CLAY				
Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation Ei	<u>erval</u> 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5:	ОМ:	1 05 CLAY 0 5				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:		3 BLUE			
General Colo Mat1:	or:	ыссе 17			
Most Commo	on Material:	SHALE			
Mat2:	in material.	OF IT LE			
Other Materia	als:				
Mat3:					
Other Materia					
Formation To		5			
Formation E		60			
Formation El	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID:				
	struction Code:	1			
Method Cons		Cable Tool			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10581196			
Casing No:		1			
Comment:					
Alt Name:					
Construction	n Record - Casing				
Casing ID:		930057829			
Layer:		2			
Material:		4			
Open Hole of	r Material:	OPEN HOLE			
Depth From:		<u> </u>			
Depth To: Casing Diam	otor:	60 5			
Casing Diam	eter UOM [.]	inch			
Casing Dept		ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930057828			
Layer:		1			
Material:		1			
Open Hole of		STEEL			
Depth From:		45			
Depth To:	- 4	15 5			
Casing Diam Casing Diam	eter:	inch			
Casing Depti		ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL	D:	991510600			
Pump Set At					
Static Level:		10			
	fter Pumping:	15			
Decemmend	ad Pump Donth				

Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Levels UOM:	•	ft			
Rate UOM:		GPM			
Water State	After Test Code:	1			
Water State	After Test:	CLEAR			
Pumping Tes	st Method:	1			
Pumping Du					
Pumping Du					
Flowing:		Ν			
Water Details	<u>s</u>				
Water ID:		933465626			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
NIIIO:					
Water Found	I Depth:	55			

<u>17</u>	1 of 1	WSW/120.8	80.9/0.93	ON		WWIS
Well ID:		1508461		Data Entry Status:		
Constructio	on Date:			Data Src:	1	
Primary Wa	ater Use:	Domestic		Date Received:	1/15/1951	
Sec. Water	Use:	0		Selected Flag:	Yes	
Final Well S	Status:	Water Supply		Abandonment Rec:		
Water Type				Contractor:	5448	
Casing Mat	terial:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Constructio	on Method:			County:	OTTAWA-CARLETON	
Elevation (I	m):			Municipality:	OTTAWA CITY	
Elevation R	•			Site Info:		
Depth to Be				Lot:		
Well Depth.				Concession:		
Overburder				Concession Name:		
Pump Rate				Easting NAD83:		
Static Wate				Northing NAD83:		
Flowing (Y/	(N):			Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloud	dy:					

Bore Hole Information

Bore Hole ID:	10030495	Elevation:	82.893241
DP2BR:	3	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440335.7
Code OB Desc:	Bedrock	North83:	5024712
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12/11/1950	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date	e:		
Improvement Location	on Source:		
Improvement Locatio	on Method:		
Source Revision Con	nment:		

Overburden and Bedrock Materials Interval

Supplier Comment:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID):	931009726			
Layer:		1			
Color:					
General Colo	or:	00			
Mat1: Maat Cammu		02			
Most Commo Mat2:	on Material:	TOPSOIL 09			
Matz: Other Materia	ale	MEDIUM SAND			
Mat3:	ai3.				
Other Materia	als				
Formation To		0			
Formation Er		3			
Formation Er	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID):	931009727			
Layer:		2			
Color: General Colo					
Mat1:	or:	15			
Most Commo	n Mətərial·	LIMESTONE			
Mat2:	in material.				
Other Materia	als:				
Mat3:					
Other Materia	als:				
Formation To		3			
Formation Er		104			
Formation Er	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction ID:				
Method Cons	struction Code:	1			
Method Cons	struction:	Cable Tool			
Other Method	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10579065			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		930053635			
Layer:		2			
Material:		4			
Open Hole or		OPEN HOLE			
Depth From:		104			
Depth To:	o.f.o.#.	104			
Casing Diam Casing Diam	eter: otor IIOM:	5 inch			
Casing Diam		ft			
Jashiy Depti	, .	n			
Construction	Record - Casing				
Casing ID:		030053634			

Casing ID:

66

930053634

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	eter: eter UOM:	1 1 STEEL 9 5 inch ft				
Results of W	ell Yield Testing					
Recommende Pumping Rate Flowing Rate Recommende Levels UOM: Rate UOM:	fter Pumping: ed Pump Depth: e: ed Pump Rate: ed Pump Rate: After Test Code: After Test: of Method: ration HR: ration MIN:	991508461 15 33 7 ft GPM 1 CLEAR 1 0 30 N 933462972 1 1 FRESH				
Water Found	Depth: Depth UOM:	104 ft				
<u>18</u>	1 of 1	ENE/130.4	79.2 / -0.77	ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/T Pump Rate: Static Water Flowing (Y/N) Flow Rate: Clear/Cloudy	er Use: Dom ise: 0 atus: Wate rial: Method: b: liability: lrock: Bedrock: Level:):	7978 nestic er Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 6/22/1951 Yes 4832 1 OTTAWA-CARLETON OTTAWA CITY	

Bore Hole Information

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Bore Hole ID:	1003	0013		Elevation:	79.483169	
DP2BR:	8			Elevrc:		
Spatial Status:	:			Zone:	18	
Code OB:	r			East83:	440535.7	
Code OB Desc		ock		North83:	5024862	
Open Hole:				Org CS:		
Cluster Kind:				UTMRC:	9	
Date Complete	ed: 5/21/	/1951		UTMRC Desc:	unknown UTM	
Remarks:	••••			Location Method:	p9	
Elevrc Desc:					P.0	
Location Sour	re Date:					
	Location Source					
	Location Method					
Source Revisi		u.				
Supplier Com						
Supplier Collin	nem.					
<u>Overburden ar</u> Materials Inter						
Formation ID:		931008518				
Layer:		2				
Color:		2				
General Color:						
		11				
Mat1: Most Common	Motorial	14 HARDPAN				
Most Common	i wateriai:	HARDPAN				
Mat2:	-					
Other Material	s:					
Mat3:						
Other Material		_				
Formation Top		2				
Formation End		8				
Formation End	d Depth UOM:	ft				
Overburden ar Materials Inter						
Formation ID:		931008519				
Layer:		3				
Color:		2				
General Color:		GREY				
	•					
Mat1: Most Common	Matarial	15 LIMESTONE				
Most Common	i waterial:	LINESTONE				
Mat2: Other Meterial						
Other Material	5.					
Mat3: Other Meterial						
Other Material		0				
Formation Top		8				
Formation End		132				
Formation End	d Depth UOM:	ft				
Overburden ar Materials Inter						
		024000547				
Formation ID:		931008517				
Layer:		1				
Color:						
General Color:	:					
Mat1:		25				
Most Common	n Material:	OVERBURDEN				
Mat2:						
Other Material	s:					

• •	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials	5:				
Formation Top		0			
Formation End	Depth:	2			
Formation End	Depth UOM:	ft			
<u>Method of Con</u> <u>Use</u>	struction & Well				
Method Constr	uction ID:				
Method Constr	uction Code:	1			
Method Constr		Cable Tool			
Other Method (Construction:				
Pipe Informatio	<u>on</u>				
Pipe ID:		10578583			
Casing No:		1			
Comment: Alt Name:					
Construction R	ecord - Casing				
Casing ID:		930052682			
Layer:		1			
Material:	latarial	1 STEEL			
Open Hole or N Depth From:	laterial:	SIEEL			
Depth To:		23			
Casing Diamete	er:	5			
Casing Diamete		inch			
Casing Depth L		ft			
Construction R	ecord - Casing				
Casing ID:		930052683			
Layer:		2			
Material:		4			
Open Hole or N	laterial:	OPEN HOLE			
Depth From: Depth To:		132			
Casing Diamete	er:	5			
Casing Diamete	er UOM:	inch			
Casing Depth L		ft			
Results of Well	Yield Testing				
Pump Test ID:		991507978			
Pump Set At:		00			
Static Level:	r Dumning.	23 44			
Final Level Afte Recommended		44			
Pumping Rate:		7			
Flowing Rate:					
Recommended	Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
Water State Aft		1 CI E A D			
Water State Aft		CLEAR			
		1 0			
Pumping Test I					
Pumping Durat	tion HR: tion MIN:	-			
Pumping Test I Pumping Durat Pumping Durat Flowing:	tion HR: tion MIN:	10 N			

Water Details

Water ID:	933462296
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	126
Water Found Depth UOM:	ft

Water Details

Water ID:	933462295
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	108
Water Found Depth UOM:	ft

Water Details

Water ID:	933462294
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74
Water Found Depth UOM:	ft

<u>19</u>	1 of 1	WSW/134.8	79.9 / -0.07	City of Ottawa Carling Ave at Bromle Ottawa ON	у У	SPL
Ref No:		0256-9HFSFM		Discharger Report:		
Site No:		NA		Material Group:		
Incident Dt:		2014/03/22		Health/Env Conseq:		
Year:				Client Type:		
Incident Cau	ise:	Collision/Accident		Sector Type:	Motor Vehicle	
Incident Eve	ent:			Agency Involved:		
Contaminan	t Code:	15		Nearest Watercourse:		
Contaminan	t Name:	TRANSMISSION OIL		Site Address:	Carling Ave at Bromley	
Contaminan	t Limit 1:			Site District Office:	,	
Contam Lim	it Frea 1:			Site Postal Code:		
Contaminan	•			Site Region:		
Environmen	t Impact:	Not Anticipated		Site Municipality:	Ottawa	
Nature of Im	•	Other Impact(s)		Site Lot:		
Receiving M	Iedium:			Site Conc:		
Receiving E				Northing:		
MOE Respo		No Field Response		Easting:		
Dt MOE Arvi	on Scn:			Site Geo Ref Accu:		
MOE Report	ed Dt:	2014/03/22		Site Map Datum:		
Dt Documen		2014/10/29		SAC Action Class:	Land Spills	
Incident Rea	ason:	Material Failure - Poor Design/S Material	ubstandard	Source Type:		
Site Name:		Bus leaking transmision	on fluid. <unof< td=""><td>FICIAL></td><td></td><td></td></unof<>	FICIAL>		
Site County	District:	3				
Site Geo Re						
Incident Sur	nmarv:	OC Transpo- transmis	sion to roadwa	V.		
Contaminan	•	1 L		,		
20	1 of 1	ESE/136.1	80.6 / 0.62	ON		WWIS

	Records	r of S	Direction/ Distance (m)	Elev/Diff (m)	Site		
Well ID:		1508130			Data Entry Status:		
Construction	Data:	1000100			Data Src:	1	
		Domestic					
Primary Wate					Date Received:	9/10/1951	
Sec. Water Us		0			Selected Flag:	Yes	
Final Well Sta	tus:	Water Supp	bly		Abandonment Rec:		
Nater Type:					Contractor:	3718	
Casing Materi	ial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
•	Mathadi					OTTAWA-CARLETON	J
Construction					County:		N
Elevation (m):					Municipality:	OTTAWA CITY	
Elevation Reli	iability:				Site Info:		
Depth to Bedr	rock:				Lot:		
Nell Depth:					Concession:		
Overburden/B	Bedrock [.]				Concession Name:		
Pump Rate:					Easting NAD83:		
•							
Static Water L					Northing NAD83:		
Flowing (Y/N):	:				Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy:							
Bore Hole Info	ormation						
Bore Hole ID:		10030165			Elevation:	80.63385	
DP2BR:		5			Elevrc:		
Spatial Status	52				Zone:	18	
Code OB:		r			East83:	440550.7	
Code OB Des	<u>.</u>	Bedrock			North83:	5024742	
	.	Dearook			Org CS:	5024742	
Open Hole:					•	0	
Cluster Kind:					UTMRC:	9	
Date Complet	ed:	7/30/1951			UTMRC Desc:	unknown UTM	
Remarks:					Location Method:	p9	
Elevrc Desc:							
Location Sour	rce Date [.]						
Improvement		Source					
Improvomont							
Source Revisi	ion Comm						
Source Revisi Supplier Com Overburden a	ion Commo ment: and Bedroc	ent:					
Source Revisi Supplier Com Overburden a	ion Commo ment: and Bedroc	ent:					
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u>	ion Commu iment: ind Bedroc rval	ent: : <u>k</u>	31008879				
Source Revisi Supplier Com <u>Overburden a</u> Materials Intel Formation ID:	ion Commu iment: ind Bedroc rval	ent: : <u>k</u>					
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: .ayer:	ion Commu iment: ind Bedroc rval	ent: : <u>k</u> 9 1					
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color:	ion Commo iment: ind Bedroc rval	ent: : <u>k</u> 9 1 3					
Source Revisi Supplier Com <u>Dverburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color	ion Commo iment: ind Bedroc rval	ent: : <u>k</u> 9 1 3 B	LUE				
Source Revisi Supplier Com <u>Dverburden a</u> <u>Materials Intel</u> Formation ID: ayer: Color: General Color Mat1:	ion Comm ment: <u>Ind Bedroc</u> rval	ent: <u>k</u> 1 3 B 0	LUE 5				
Source Revisi Supplier Com <u>Dverburden a</u> <u>Materials Intel</u> Formation ID: ayer: Color: General Color Mat1:	ion Comm ment: <u>Ind Bedroc</u> rval	ent: <u>k</u> 1 3 B 0	LUE				
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: ayer: Color: Seneral Color Mat1: Most Commol	ion Comm ment: <u>Ind Bedroc</u> rval	ent: <u>k</u> 1 3 B 0	LUE 5				
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: .ayer: Color: Color: General Color Mat1: Most Commol Mat2:	ion Commonent: Ind Bedroc Ind Bedroc Ind Bedroc Ind Bedroc Ind Bedroc Ind Bedroc	ent: <u>k</u> 1 3 B 0	LUE 5				
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: .ayer: Color: Color: General Color Mat1: Most Commol Mat2: Dther Material	ion Commonent: Ind Bedroc Ind Bedroc Ind Bedroc Ind Bedroc Ind Bedroc Ind Bedroc	ent: <u>k</u> 1 3 B 0	LUE 5				
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: .ayer: Color: General Color Mat1: Most Common Mat2: Dither Material Mat3:	ion Comm ment: <u>md Bedroc</u> rval r: n Material: ls:	ent: <u>k</u> 1 3 B 0	LUE 5				
Source Revisi Supplier Com <u>Overburden a</u> <u>Aaterials Inter</u> Formation ID: ayer: Color: General Color Mat1: Most Common Mat2: Dither Material Dither Material	ion Comm ment: <u>nd Bedroc</u> rval r: n Material: ls:	ent: : <u>k</u> 1 3 0 0 C	LUE 5 :LAY				
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: .ayer: Color: General Color Mat1: General Color Mat2: Other Material Mat3: Other Material Formation Toj	ion Commonent: Ind Bedroc Ind Bedroc Ind Bedroc Ind Bedroc Is: Is: Is: Is: p Depth:	ent: 9 1 3 B 0 C	LUE 5 :LAY				
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: .ayer: Color: General Color Mat1: Mat1: Mat2: Other Material Mat3: Other Material Formation Top Formation End	ion Comm ment: <u>nd Bedroc</u> rval r: n Material: ls: ls: p Depth: d Depth:	ent: 9 1 3 0 0 0 5	LUE 5 :LAY				
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Other Material Mat3: Other Material Formation Top Formation End	ion Comm ment: <u>nd Bedroc</u> rval r: n Material: ls: ls: p Depth: d Depth:	ent: 9 1 3 0 0 0 5	LUE 5 :LAY				
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Other Material Formation End Formation End Formation End Formation End	ion Communent: Ind Bedroc Ind Bedroc Ind Bedroc Is: Is: Is: Is: Is: Is: Is: Is: Is: Is:	ent: 9 1 3 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	LUE 5 :LAY				
Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Other Material Other Material Formation En- Formation En- Formation En- Coverburden a <u>Materials Inter</u>	ion Comm ment: <u>mad Bedroc</u> <u>rval</u> r: n Material: ls: ls: ls: g Depth: d Depth: d Depth U <u>nad Bedroc</u> <u>rval</u>	ent: <u>k</u> 9 1 3 8 0 0 0 0 0 0 0 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 1 1 3 1 1 3 1 1 3 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	LUE 5 :LAY				
Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: Color: General Color Mat1: Most Commol Mat2: Other Material Other Material Tormation En Formation En <u>Coverburden a</u> <u>Materials Intel</u> Formation ID:	ion Comm ment: <u>mad Bedroc</u> <u>rval</u> r: n Material: ls: ls: ls: g Depth: d Depth: d Depth U <u>nad Bedroc</u> <u>rval</u>	ent: <u>k</u> 9 1 3 8 0 0 0 0 0 0 0 0 0 0 0 0 0	LUE 5 :LAY 31008880				
Source Revisi Supplier Com <u>Dverburden a</u> <u>Materials Intel</u> Formation ID: .ayer: Color: General Color Mat1: Most Commol Mat2: Dither Material Other Material Dither Material Tormation En- Formation En- Cormation En- Cormation ID: .ayer:	ion Comm ment: <u>mad Bedroc</u> <u>rval</u> r: n Material: ls: ls: ls: g Depth: d Depth: d Depth U <u>nad Bedroc</u> <u>rval</u>	ent: <u>k</u> 9 1 3 8 0 0 0 0 0 0 0 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 1 1 3 1 1 3 1 1 3 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	LUE 5 :LAY 31008880				
Source Revisi Supplier Com <u>Dverburden a</u> <u>Materials Intel</u> Formation ID: ayer: Color: General Color Mat1: Most Common Mat2: Dither Material Other Material Dither Material Tormation En- Formation En- Formation En- Formation ID: ayer:	ion Comm ment: <u>mad Bedroc</u> <u>rval</u> r: n Material: ls: ls: ls: g Depth: d Depth: d Depth U <u>nad Bedroc</u> <u>rval</u>	ent: <u>k</u> 9 1 3 8 0 0 0 0 0 0 0 0 0 0 0 0 0	LUE 5 :LAY 31008880				
Source Revisi Supplier Com <u>Dverburden a</u> <u>Materials Intel</u> Formation ID: ayer: Color: General Color Mat1: Most Commol Mat2: Dither Material Tother Material Tother Material Formation En Formation En Coverburden a <u>Materials Intel</u>	ion Comm ment: <u>mad Bedroc</u> <u>rval</u> r: n Material: ls: ls: ls: g Depth: d Depth: d Depth U <u>nad Bedroc</u> <u>rval</u>	ent: <u>k</u> 9 1 3 8 0 0 0 0 0 0 0 0 0 0 0 0 0	LUE 5 :LAY 31008880				

• •	Imber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		47			
Mat1: Most Common Ma	terial:	17 SHALE			
Mat2:					
Other Materials: Mat3:					
Other Materials:					
Formation Top De Formation End De		5 7			
Formation End De		ft			
Overburden and E Materials Interval	Bedrock				
Formation ID:		931008881			
Layer:		3			
Color: General Color:		2 GREY			
Mat1:		15			
Most Common Ma	terial:	LIMESTONE			
Mat2: Other Materials:					
Mat3:					
Other Materials:		7			
Formation Top De Formation End De	eptn: epth:	7 133			
Formation End De		ft			
<u>Method of Constru Use</u>	uction & Well				
Method Construct	tion ID:				
Method Construct		1			
Method Construct Other Method Cor		Cable Tool			
Pipe Information					
Pipe ID:		10578735			
Casing No:		1			
<i>Comment: Alt Name:</i>					
Construction Rec	ord - Casing				
Casing ID:		930052989			
Layer:		1			
Material: Open Hole or Mate	erial	1 STEEL			
Depth From:		01222			
Depth To:		15			
Casing Diameter: Casing Diameter	UOM:	4 inch			
Casing Depth UO	И:	ft			
Construction Rec	ord - Casing				
Casing ID:		930052990			
Layer: Material:		2 4			
Open Hole or Mate	erial:	4 OPEN HOLE			
Depth From:		-			

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Depth To:		133			
Casing Diame		4			
Casing Diame		inch			
Casing Depth	UOM:	ft			
Results of We	ell Yield Testing				
Pump Test ID Pump Set At:		991508130			
Static Level:		12			
	fter Pumping: ed Pump Depth:	20			
Pumping Rate	e:	3			
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
	fter Test Code:	1			
Water State A		CLEAR			
Pumping Tes Pumping Dur	t wethod:	1 1			
Pumping Dur Pumping Dur		30			
Flowing:		N			
Water Details					
Water ID:		933462519			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found		102			
Water Found	Depth UOM:	ft			
Water Details					
Water ID:		933462520			
Laver:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found	Depth:	128			
Water Found		ft			
Water Details					
Water ID:		933462518			
Layer:		1			
Kind Code:		1 FRESH			
Kind: Water Found	Denth:	80			
Water Found	Depth UOM:	ft			
<u>21</u>	1 of 4	ENE/141.3	79.2 / -0.77	DRMG Development Ltd.	 CA
				1908 Carling Ave Ottawa ON K2A 1E7	
Certificate #:		8066-8EQT4V			
Application Y	'ear:	2011			
ssue Date:		3/14/2011			
Approval Typ	e:	Municipal and Priva	te Sewage Works		
Status:		Approved			
	ivno:				
Application T Client Name:	ype.				

Мар Кеу	Numbel Record		Elev/Diff) (m)	Site		DE
Client Addres Client City: Client Postal Project Desc Contaminant Emission Co	Code: ription: s:					
<u>21</u>	2 of 4	ENE/141.3	79.2 / -0.77	DRMG Developme 1908 Carling Ave Ottawa ON K2A 18		СА
Certificate #: Application \ Issue Date: Approval Typ		8914-8FTHVY 2011 5/4/2011 Municipal and Pri	vate Sewage Works	3		
Status: Application 1 Client Name: Client Addres Client City: Client Postal Project Desc Contaminant Emission Co	ype: ss: Code: ription: s:	Approved				
<u>21</u>	3 of 4	ENE/141.3	79.2 / -0.77	DRMG Developme 1908 Carling Ave Ottawa ON K1V 28		ECA
Approval No: Approval Dat Status:	e:	8914-8FTHVY 2011-05-04 Approved		MOE District: City: Longitude:	Ottawa -75.75928499999999	
Record Type Link Source: SWP Area Na Approval Typ Project Type Address: Full Address	me: be:		AND PRIVATE SE PRIVATE SEWAG		45.374744	
Full PDF Linl	C7	https://www.acce	ssenvironment.ene.	gov.on.ca/instruments/59	910-8DRL93-14.pdf	
<u>21</u>	4 of 4	ENE/141.3	79.2 / -0.77	DRMG Developme 1908 Carling Ave Ottawa ON K1V 28		ECA
Approval No: Approval Dat Status: Record Type Link Source: SWP Area Na Approval Type Project Type	e: me: pe:		- AND PRIVATE SE		Ottawa -75.75928499999999 45.374744	
Froject Type. Address: Full Address Full PDF Link	ŗ	1908 Carling Ave		gov.on.ca/instruments/48	344-8DRKZD-14.pdf	
22	1 of 1	NNE/143.1	78.9 / -1.07			BORE

<i>R</i>	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site	Ĺ
Borehole ID:	612787			Inclin FLG:	No
OGF ID:	2155140	93		SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole	ł		Piezometer:	No
Jse:				Primary Name:	
Completion Date	:			Municipality:	
Static Water Leve				Lot:	
Primary Water Us Sec. Water Use:	se:			Township: Latitude DD:	45.375373
Total Depth m:	-999			Longitude DD:	-75.76041
Depth Ref:	Ground S	Surface		UTM Zone:	18
Depth Elev:				Easting:	440461
Drill Method:				Northing:	5024932
Orig Ground Elev	/ m: 75.1			Location Accuracy:	002.002
Elev Reliabil Note	e:			Accuracy:	Not Applicable
DEM Ground Ele Concession:	v m: 77.3				
Location D:					
Survey D:					
Comments:					
Borehole Geolog	<u>y Stratum</u>				
Geology Stratum		96		Mat Consistency:	Firm
Top Depth:	6.4			Material Moisture:	
Bottom Depth:	_			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
				Geologic Group:	
Material 2:					
Material 2: Material 3:				Geologic Period:	
Material 3:					
Material 3: Material 4:	cription:			Geologic Period:	
	•			Geologic Period: Depositional Gen:	00195 SAND. FIRM. BOULDERS. SILT. B **No atum Description] field.
Material 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum	ion: ID: 2183924	Many records provid		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Mat Consistency:	
Material 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth:	ion: ID: 2183924 0	Many records provid		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Mat Consistency: Material Moisture:	
Material 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth:	ion: ID: 2183924	Many records provid		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Mat Consistency:	
Material 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth:	ion: ID: 2183924 0 6.4	Many records provid		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	
Material 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Material Color:	ion: ID: 2183924 0	Many records provid		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Mat Consistency: Material Moisture: Material Texture:	
Material 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Material Color: Material 1:	ion: ID: 2183924 0 6.4	Many records provid		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	
Material 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Material Color: Material 1: Material 2:	ion: ID: 2183924 0 6.4	Many records provid		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation:	
Material 3: Material 4: Gsc Material Des Stratum Descript	ion: ID: 2183924 0 6.4	Many records provid		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group:	
Naterial 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Material Color: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Des	ion: ID: 2183924 0 6.4 Clay cription:	Many records provid		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:	
Material 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Bottom Depth: Material Color: Material Color: Material 2: Material 3: Material 4: Gsc Material Des Stratum Descript	ion: ID: 2183924 0 6.4 Clay cription:	Many records provid 95		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:	
Material 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3:	ion: ID: 2183924 0 6.4 Clay cription:	Many records provid 95 CLAY.		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:	
Vaterial 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Material Color: Material Color: Material Color: Material 2: Material 3: Material 3: Material 4: Gsc Material Des Stratum Descript Source Source Type:	ion: ID: 2183924 0 6.4 Clay cription: ion: Data Sur	Many records provid 95 CLAY.		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen:	atum Description] field.
Vaterial 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Material Color: Material Color: Material Color: Material 2: Material 3: Material 4: Gsc Material Des Stratum Descript Source Source Type: Source Orig:	ion: ID: 2183924 0 6.4 Clay cription: ion: Data Sur	Many records provid 95 CLAY. vey al Survey of Canada		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl:	atum Description] field. Spatial/Tabular
Vaterial 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Material Color: Material Color: Material 2: Material 2: Material 3: Material 4: Gsc Material Des Stratum Descript Source Source Type: Source Orig: Source Date:	ion: ID: 2183924 0 6.4 Clay cription: ion: Data Sur Geologic	Many records provid 95 CLAY. vey al Survey of Canada		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden:	atum Description] field. Spatial/Tabular 1
Vaterial 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Material Color: Material Color: Material 2: Material 2: Material 2: Material 3: Material 4: Gsc Material Des Stratum Descript Source Source Type: Source Orig: Source Date: Confidence:	ion: ID: 2183924 0 6.4 Clay cription: ion: Data Sur Geologic 1956-197	Many records provid 95 CLAY. vey al Survey of Canada		Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 Iment have a truncated [Str Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal:	ratum Description] field. Spatial/Tabular 1 Varies NAD27
Vaterial 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Material Color: Material Color: Material 2: Material 1: Material 2: Material 3: Material 3: Material 4: Gsc Material Des Stratum Descript Source Source Type: Source Date: Confidence: Observatio:	ion: ID: 2183924 0 6.4 Clay cription: ion: Data Sur Geologic 1956-197	Many records provid 95 CLAY. vey al Survey of Canada 72	ed by the depart	Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	atum Description] field. Spatial/Tabular 1 Varies
Vaterial 3: Material 4: Gsc Material Des Stratum Descript Geology Stratum Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 2: Material 3: Material 3: Stratum Descript Source Type: Source Type: Source Orig: Source Date: Confidence: Dbservatio: Source Name:	ion: ID: 2183924 0 6.4 Clay cription: ion: Data Sur Geologic 1956-197	Many records provid 95 CLAY. vey al Survey of Canada 72 Urban Geology Auto	ed by the depart	Geologic Period: Depositional Gen: 5.5 FEET.BROWN. 000660 tment have a truncated [Str Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS)	ratum Description] field. Spatial/Tabular 1 Varies NAD27
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erisinfo.com | Environmental Risk Information Services

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Scale or Res	solution:	Varies					
Source Nam	e:		Urban Geology Aut	omated Informati	on System (UGAIS)		
Source Orig	inators:		Geological Survey	of Canada			
23	1 of 1		SW/148.5	80.9 / 0.93			202
					ON		BORI
Borehole ID:	:	612764			Inclin FLG:	No	
OGF ID:		2155140)70		SP Status:	Initial Entry	
Status:					Surv Elev:	No	
Туре:		Borehole	9		Piezometer:	No	
Use:	_				Primary Name:		
Completion		FEB-194	19		Municipality:		
Static Water					Lot:		
Primary Wat					Township:		
Sec. Water L					Latitude DD:	45.372934	
Total Depth	<i>m:</i>	27.4			Longitude DD:	-75.761718	
Depth Ref:		Ground	Surface		UTM Zone:	18	
Depth Elev:					Easting:	440356	
Drill Method	:				Northing:	5024662	
Orig Ground	l Elev m:	80.8			Location Accuracy:		
Elev Reliabil	Note:				Accuracy:	Not Applicable	
DEM Ground	d Elev m:	82.5					
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Stratum Des	•		GRAVEL.				
Geology Stra	atum ID:	2183923	98		Mat Consistency:		
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<u>24</u>	1 of 1		SW/148.6	80.9 / 0.93	lot 28 con 2 ON		wwi
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bedi Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy:	er Use: se: atus: ial: Method: : iiability: rock: Bedrock: Level:):	1510604 Domestic Water Su	oply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 8/8/1951 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY (NEPEAN) 028 02 OF	
Bore Hole Inf	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	s: ted: trce Date: Location S Location M ion Comm	lethod:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.488311 18 440355.7 5024662 9 unknown UTM p9	

Overburden and Bedrock Materials Interval 931015347 Layer: 1 Gommalion ID: 931015347 Layer: 1 Matt: 05 Matt: 04 Matt: 04 Matt: 0 Formation End Dopth: 0 Formation ID: 931015348 Layer: 2 Color: 2 Color: 11 Matt: 12 Matt: 10 Formation Top Doph: 5 Formation Top Doph: 5 Formation End Dopht: 10 Formation Top Dopht: 5 Formation End Dopht: 10 Formation End Dopht: 10 Formation End Dopht: 10 <th>Map Key Number of Records</th> <th>Direction/ Distance (m)</th> <th>Elev/Diff (m)</th> <th>Site</th> <th>D</th>	Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
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Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
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<u>25</u>	1 of 1		SE/151.9	80.9 / 0.93	ON		wwis
Well ID:		1508136			Data Entry Status:		
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79	erisinfo.cc	om Environ	mental Risk Info	rmation Services	;		Order No: 20200114246

Мар Кеу	Number o Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Re Depth to Bed Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N, Flow Rate: Clear/Cloudy	atus: rial: n Method:): liability: frock: Bedrock: Level:):	0 Water Sup	ply		Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 5448 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Int	formation						
Bore Hole ID. DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Soupplier Con	s: sc: ted: urce Date: t Location So t Location Me sion Commen	ethod:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.19979 18 440515.7 5024672 9 unknown UTM p9	
<u>Overburden a</u> Materials Inte		-					
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<u>Overburden a</u> <u>Materials Inte</u>		-					
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2:	or:	1 C N	931008896 99 MEDIUM SAND 95				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Material Mat3:	s:	CLAY			
Other Material					
Formation Top		0			
Formation End		5			
Formation End	I Depth UOM:	ft			
<u>Method of Con</u> <u>Use</u>	struction & Well				
Method Const					
Method Const		1			
Method Const Other Method		Cable Tool			
Pipe Information	<u>on</u>				
Pipe ID:		10578741			
Casing No:		1			
Comment: Alt Name:					
Construction I	Record - Casing				
Casing ID:		930053001			
Layer:		1			
Material:		1			
Open Hole or I	Naterial:	STEEL			
Depth From: Depth To:		20			
Casing Diamet	tor:	5			
Casing Diame		inch			
Casing Depth		ft			
Construction I	Record - Casing				
Casing ID:		930053002			
Layer:		2			
Material: Open Hole or I	Matarial	4 OPEN HOLE			
Depth From:	vialerial.	OFEN HOLE			
Depth To:		61			
Casing Diamet	ter:	5			
Casing Diamet	ter UOM:	inch			
Casing Depth	UOM:	ft			
Results of Wel	ll Yield Testing				
Pump Test ID:		991508136			
Pump Set At:					
Static Level:		8			
Final Level Aft		15			
Recommended		6			
Pumping Rate Flowing Rate:		U			
Recommended	d Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
Water State Af		1			
Water State Af		CLEAR			
Pumping Test		1			
Pumping Dura	uon HR:	0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Du Flowing:	ration MIN:	30 N			
Water Details	<u>S</u>				
Water ID:		933462526			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	I Depth:	61			
Water Found	Depth UOM:	ft			
<u>26</u>	1 of 1	NE/166.6	78.9/-1.07	ΟΝ	BORE

		ON	
Borehole ID:	612786	Inclin FLG:	No
OGF ID:	215514092	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:		Municipality:	
Static Water Level:	8.6	Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.375289
Total Depth m:	-999	Longitude DD:	-75.759515
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	440531
Drill Method:		Northing:	5024922
Orig Ground Elev m:	77.7	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	78.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Descriptic	218392492 0 .6 Sand	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:
Stratum Description:	SAND.	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Descriptic	218392494 2.4 Blue Bedrock Limestone	Mat Consistency:FirmMaterial Moisture:FirmMaterial Texture:FirmNon Geo Mat Type:FirmGeologic Formation:FirmGeologic Group:FirmGeologic Period:FirmDepositional Gen:Firm
Stratum Description:	BEDROCK. GREY. BLUE. SHALE. B	ROWN. 0006600195 SAND. FIRM. BOULDERS. SILT. BEDROCK.
Geology Stratum ID: Top Depth: Bottom Depth:	218392493 .6 2.4	Mat Consistency: Material Moisture: Material Texture:

Мар Кеу	Number Records		Direction/ Distance (m	Elev/Diff (m)	Site		D
Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material 1	Description				Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:		
Stratum Desc	ription:		CLAY.				
<u>Source</u>							
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name	:	1956-1972 H	l Survey of Canac 2 Urban Geology A	utomated Informatio	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS)	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
Source Detail Confiden 1:	s:				0 NTS_Sheet: 31G04E omplete description of mate	erial and properties.	
Source List							
Source Identi Source Type: Source Date: Scale or Resc		1 Data Surv 1956-1972 Varies			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator	
Source Name Source Origin			Urban Geology A Geological Surve		on System (UGAIS)		
<u>27</u>	1 of 1		E/178.8	80.6 / 0.62	ON		ww
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction Elevation Reli Well Depth: Overburden/E Pump Rate: Static Water L Flowing (Y/N) Flow Rate: Clear/Cloudy:	r Use: se: htus: ial: Method: : iability: rock: Bedrock: .evel: :	1508786 Domestic 0 Water Sup	oply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 12/18/1950 Yes 3728 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Infe	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet	s: c:	10030820 4 r Bedrock 12/10/195			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	80.535331 18 440600.7 5024762 9 unknown UTM	

	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Remarks:				Location Method:	p9	
Elevrc Desc:						
Location Source						
Improvement Loo						
Improvement Loo						
Source Revision						
Supplier Comme	nt:					
Overburden and	<u>Bedrock</u>					
Materials Interva						
Formation ID:		931010590				
Layer:		3				
Color:						
General Color:		15				
Mat1: Most Common M	atorial	LIMESTONE				
Most Common M Mat2:	alcilai.					
Other Materials:						
Mat3:						
Other Materials:						
Formation Top D	epth:	4				
Formation End D		92				
Formation End D		ft				
<u>Overburden and</u> Materials Interva						
wateriais interva	1					
Formation ID:		931010588				
Layer:		1				
Color:						
General Color:						
Mat1:		02				
Most Common M	aterial:	TOPSOIL				
Mat2: Other Materials:						
Other Materials: Mat3:						
Other Materials:						
Formation Top D	epth:	0				
Formation End D		2				
Formation End D		ft				
Overburden and	Bedrock_					
<u>Materials Interva</u>	!					
Formation ID:		931010589				
Layer:		2				
Color:		3				
General Color:		BLUE				
Mat1: Maat Common M	lataria li	05				
Most Common M	ateriai:	CLAY				
Mat2: Other Materials:						
Other Materials: Mat3:						
other Materials:						
Formation Top D	enth [.]	2				
Formation For D		4				
Formation End D		ft				
	Span 000m.					

Method of Construction & Well Use

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
	struction ID: struction Code:	1 Cable Tool			
	d Construction:				
Pipe Informa	<u>tion</u>				
Pipe ID:		10579390			
Casing No:		1			
<i>Comment:</i> Alt Name:					
Construction	Record - Casing				
Casing ID:		930054273			
ayer:		2			
<i>Material:</i> Open Hole of	r Mətorial:	4 OPEN HOLE			
Depth From:		OF EITHOLE			
Depth To:		92			
Casing Diam Casing Diam		4 inch			
Casing Dept		ft			
Construction	Record - Casing				
Casing ID:		930054272			
.ayer:		1			
Naterial:	. Matarial	1 STEEL			
Open Hole of Depth From:		SIEEL			
Depth To:		12			
Casing Diam		4			
Casing Diam Casing Deptl		inch ft			
Results of W	ell Yield Testing				
Pump Test IL	D:	991508786			
Pump Set At	:				
Static Level:		8 10			
	fter Pumping: ed Pump Depth:	10			
Pumping Rat	te:	13			
lowing Rate					
evels UOM:	ed Pump Rate:	ft			
Rate UOM:		GPM			
	After Test Code:	1			
Vater State / Pumping Tes		CLEAR 1			
Pumping Du		1			
Pumping Du	ration MIN:	0			
lowing:		Ν			
Vater Details	5				
Vater ID:		933463460			
.ayer: Kind Code:		1			
(ind:		1 FRESH			
Vater Found	Depth:	92			
85	erisinfo.com En	vironmental Risk Info	rmation Service	20	Order No: 202001142

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found	d Depth UOM:	ft			
<u>28</u>	1 of 1	E/180.9	79.9 / -0.07	818 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	HINC
External File Fuel Occurre Date of Occu Fuel Type In Status Desc. Job Type De Oper. Type I Service Inter Property Dau Fuel Life Cyu Root Cause:	ence Type: urrence: volved: : esc: nvolved: rruptions: mage: cle Stage:	FS INC 0807-03293 Pipeline Strike 6/24/2008 Natural Gas Completed - Causal Incident/Near-Miss (Construction Site (p Yes Yes Transmission, Distri Root Cause: Equipn Management:Yes	Analysis(End) Occurrence (FS) ipeline strike) bution and Transp nent/Material/Con	nponent:No Procedures:Yes Maintenance:No Design:N	o Training:Nc
Reported De Fuel Catego Occurrence Affiliation: County Nam Approx. Qua Nearby body Enter Draina Approx. Qua Environmen	ry: Type: ant. Rel: / of water: ant. Unit:	Gaseous Fuel Incident		es	
29	1 of 1	SE/182.2	80.9 / 0.93		WWS

<u>29</u> 1 of	1 SE/182.2	80.970.93 ON		WWIS
Well ID: Construction Date Primary Water Use Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Meth Elevation (m): Elevation Reliabili Depth to Bedrock: Well Depth: Overburden/Bedroc Pump Rate: Static Water Level Flowing (Y/N): Flow Rate: Clear/Cloudy:	 Domestic 0 Water Supply 	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 12/2/1953 Yes 4216 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Informa	<u>ition</u>			
Bore Hole ID: DP2BR:	10030422 55	Elevation: Elevrc:	81.310852	
Spatial Status:		Zone:	18	
Code OB:	r Rodrock	East83:	440550.7	
Code OB Desc:	Bedrock	North83:	5024662	
Open Hole: Cluster Kind:		Org CS: UTMRC:	9	
Date Completed	11/6/1953	UTMRC.	anknown LITM	

UTMRC Desc:

Code OB Desc:	Bedrock
Open Hole:	
Cluster Kind:	
Date Completed:	11/6/1953

unknown UTM

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Improvement	Location Source: Location Method: ion Comment:			Location Method:	p9	
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID Layer: Color: General Colo		931009554 2				
Mat1: Most Commo Mat2: Other Materia Mat3:		15 LIMESTONE				
Other Materia Formation To Formation Er Formation Er	p Depth:	55 157 ft				
<u>Overburden a</u> Materials Inte						
Formation ID Layer: Color: General Colo		931009553 1				
Mat1: Most Commo Mat2: Other Materia Mat3:	n Material:	24 PREV. DRILLED				
Other Materia Formation To Formation Er Formation Er	p Depth:	0 55 ft				
<u>Method of Co</u> <u>Use</u>	nstruction & Well					
Method Cons	truction Code:	1 Cable Tool				
<u>Pipe Informat</u>	tion					
Pipe ID: Casing No: Comment: Alt Name:		10578992 1				
<u>Construction</u>	Record - Casing					
Casing ID: Layer: Material:		930053492 1 1				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Open Hole of		STEEL				
Depth From: Depth To:		55				
Casing Diam	eter:	5				
Casing Diam		inch				
Casing Dept	h UOM:	ft				
Construction	n Record - Casing					
Casing ID:		930053493				
Layer:		2				
Material:		4				
Open Hole of		OPEN HOLE				
Depth From:		457				
Depth To: Casing Diam	otori	157 5				
Casing Diam		inch				
Casing Dept		ft				
<u>Results of W</u>	ell Yield Testing					
Pump Toot !!	- -	991508388				
Pump Test IL Pump Set At		99100000				
Static Level:		17				
	fter Pumping:	22				
	ed Pump Depth:					
Pumping Rat	te:	8				
Flowing Rate						
	ed Pump Rate:					
Levels UOM:		ft				
Rate UOM:	After Test Code:	GPM 1				
Water State /		CLEAR				
Pumping Tes		1				
Pumping Du		0				
Pumping Du	ration MIN:	30				
Flowing:		Ν				
Water Details	S					
Water ID:		933462871				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found		55				
Water Found	I Depth UOM:	ft				
<u>30</u>	1 of 1	SW/189.7	80.9 / 0.93	ON		WWIS
Well ID:	15084	465		Data Entry Status:		
Construction				Data Src:	1	
Primary Wate		estic		Date Received:	2/3/1956	
Sec. Water U	/se: 0			Selected Flag:	Yes	
Final Well St	atus: Water	r Supply		Abandonment Rec:		
Water Type:				Contractor:	4216	
Casing Mate	rial:			Form Version:	1	
Audit No:				Owner: Stroot Name:		
Tag: Construction	Method:			Street Name: County:	OTTAWA-CARLETON	
Elevation (m				County: Municipality:	OTTAWA-CARLETON OTTAWA CITY	
Elevation Re				Site Info:		
				-		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Depth to Bedro Well Depth: Overburden/Be Pump Rate: Static Water Le Flowing (Y/N): Flow Rate: Clear/Cloudy:	edrock:			Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Bore Hole Info	rmation					
	r Bedrock d: 12/3/1955 ce Date: .ocation Source: .ocation Method: on Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	82.508323 18 440310.7 5024642 5 margin of error : 100 m - 300 m p5	
<u>Overburden an</u> <u>Materials Inter</u>						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Materials Mat3: Other Materials Formation Top Formation End Formation End	Material: s: s: Depth: I Depth:	931009734 1 05 CLAY 0 18 ft				
<u>Overburden an</u> Materials Interv						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Materials Mat3: Other Materials Formation Top Formation End Formation End	Material: s: s: Depth: Depth:	931009735 2 15 LIMESTONE 18 126 ft				
<u>Method of Con</u>	struction & Well					

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use					
Method Con	struction Code:	1 Cable Tool			
Pipe Informa	<u>ntion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10579069 1			
<u>Construction</u>	<u>ı Record - Casing</u>				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	eter: eter UOM:	930053643 2 4 OPEN HOLE 126 5 inch ft			
<u>Constructior</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	eter: eter UOM:	930053642 1 1 STEEL 18 5 inch ft			
<u>Results of W</u>	<u>/ell Yield Testing</u>				
Pump Test II Pump Set At		991508465			

Pump Test ID:	9915084
Pump Set At:	
Static Level:	12
Final Level After Pumping:	15
Recommended Pump Depth:	
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933462977
Layer:	1
Kind Code:	1

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind: Water Found Water Found	l Depth: l Depth UOM:	FRESH 45 ft			
<u>31</u>	1 of 1	E/189.7	79.9/-0.07	826 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	HINC
External File Fuel Occurre Date of Occu Fuel Type In Status Desc. Job Type De Oper. Type I Service Inter Property Dai Fuel Life Cyo Root Cause:	ence Type: urrence: volved: : sc: nvolved: rruptions: mage: cle Stage:	FS INC 0806-03095 Pipeline Strike 6/5/2008 Natural Gas Completed - Causal Incident/Near-Miss Construction Site (p Yes Yes Transmission, Distri Root Cause: Equipr Yes Management	I Analysis(End) Occurrence (FS) ipeline strike) bution and Transj	nponent:No Procedures:Yes Maintenance:No Design:	No Training:
Reported De Fuel Categol Occurrence Affiliation: County Nam Approx. Qua Nearby body Enter Draina Approx. Qua Environment	ry: Type: nt. Rel: v of water: nge Syst.: nnt. Unit:	Gaseous Fuel Incident		stration/Certificate Holder, Facility Owner, etc.)	

<u>32</u>	1 of 2	ENE/190.2	79.9 / -0.07	ON		WWIS
Well ID: Construction Primary Wa Sec. Water Final Well S Water Type Casing Mate Audit No: Tag: Construction Elevation (F Depth to Ba Well Depth Overburde, Pump Rate Static Wate Flow Rate: Clear/Clour	ater Use: Use: Status: e: terial: m): Reliability: edrock: : n/Bedrock: : pr Level: /N):	1508791 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 2/21/1951 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole	Information					
Bore Hole I DP2BR: Spatial Sta Code OB: Code OB D Open Hole.	tus: Desc:	10030825 8 r Bedrock		Elevation: Elevrc: Zone: East83: North83: Org CS:	79.422187 18 440605.7 5024852	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
	ce Date: .ocation Source: .ocation Method: on Comment:			UTMRC: UTMRC Desc: Location Method:	9 unknown UTM p9	
Overburden an Materials Inter						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Materials	Material:	931010603 3 2 GREY 15 LIMESTONE				
Mat3: Other Materials Formation Top Formation End Formation End	s: Depth: I Depth: I Depth UOM:	8 98 ft				
<u>Overburden an</u> Materials Inter						
Formation ID: Layer: Color: General Color:		931010601 1				
Mat1: Most Common Mat2: Other Material: Mat3:		11 GRAVEL				
Other Materials Formation Top Formation End Formation End	Depth: Depth:	0 4 ft				
<u>Overburden an</u> Materials Inter						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material:	Material: s:	931010602 2 3 BLUE 05 CLAY				
Formation End Formation End	Depth: Depth:	4 8 ft				

Method of Construction & Well

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use					
Method Cons	truction Code:	1 Cable Tool			
<u>Pipe Information Pipe Information Pipe Information Pipe Pipe Pipe Pipe Pipe Pipe Pipe Pipe</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10579395 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	eter: eter UOM:	930054282 1 1 STEEL 16 4 inch ft			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Depth	eter: eter UOM:	930054283 2 4 OPEN HOLE 98 4 inch ft			
<u>Results of We</u>	ell Yield Testing				
Recommende Pumping Rate Flowing Rate Recommende Levels UOM: Rate UOM:	fter Pumping: ed Pump Depth: e: : ed Pump Rate: After Test Code: After Test: t Method: ration HR:	991508791 12 14 6 ft GPM 1 CLEAR 1 0 20 N			
Water Details	i				
Water ID: Layer: Kind Code:		933463465 1 1			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Kind:			FRESH				
Water Found			40				
Water Found	d Depth UOI	И:	ft				
32	2 of 2		ENE/190.2	79.9 / -0.07			WWI
_					ON		
Well ID:		1508793			Data Entry Status:		
Construction		-			Data Src:	1	
Primary Wat		Domestic			Date Received:	10/15/1951	
Sec. Water L		0 Mater Cu			Selected Flag:	Yes	
Final Well St		Water Su	рріу		Abandonment Rec:	E 4 4 0	
Water Type:					Contractor:	5448	
Casing Mate	erial:				Form Version:	1	
Audit No:					Owner: Street Name:		
Tag: Constructio	n Mothodi					OTTAWA-CARLETON	
Elevation (m					County: Municipality	OTTAWA-CARLETON OTTAWA CITY	
Elevation Re					Municipality: Site Info:	OTTAWA CITT	
Depth to Be					Lot:		
Well Depth:	UIOCK.				Concession:		
Overburden	/Redrock:				Concession Name:		
Pump Rate:	Bearock.				Easting NAD83:		
Static Water	l evel:				Northing NAD83:		
Flowing (Y/N					Zone:		
Flow Rate:	•)-				UTM Reliability:		
Clear/Cloud	y:				·····,		
Bore Hole In		1002080	7		Flovetion	70 400107	
Bore Hole II DP2BR:):	10030827 8	(Elevation: Elevrc:	79.422187	
Spatial Statu	10.	0			Zone:	18	
Code OB:	13.	r			East83:	440605.7	
Code OB. Code OB De		Bedrock			North83:	5024852	
Open Hole:	30.	Bearook			Org CS:	0024002	
Cluster Kind	l:				UTMRC:	9	
Date Comple		8/2/1951			UTMRC Desc:	unknown UTM	
Remarks:					Location Method:	p9	
Elevrc Desc	:					F -	
Location So	urce Date:						
Improvemen	nt Location S	Source:					
Improvemen	nt Location N	lethod:					
Source Revi	ision Comme	ent:					
Supplier Co	mment:						
<u>Overburden</u> Materials Int	<u>and Bedroc</u> terval	<u>k</u>					
			021010607				
Formation IL Layer:	J.		931010607 2				
Layer: Color:			۷				
General Col	or:						
General Col Mat1:			15				
	on Material:		LIMESTONE				
Mat2:	en material.						
other Mater	ials [.]						
Mat3:							
Other Mater	ials:						
Formation T			8				
Formation E			100				
Simaton E		о <i>м</i> -	ft				
Formation E							

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden an</u> Materials Inter					
Formation ID:		931010606			
Layer:		1			
Color: General Color:					
Mat1:		05			
Most Common	Material:	CLAY			
Mat2: Other Materials					
Mat3:					
Other Materials					
Formation Top Formation End		0 8			
Formation End	Depth UOM:	ft			
<u>Method of Con</u> <u>Use</u>	struction & Well				
Method Constr	uction ID:				
Method Constr Method Constr		1			
Method Constr	uction:	Cable Tool			
Other Method	Construction:				
Pipe Informatio	<u>on</u>				
Pipe ID:		10579397			
Casing No:		1			
Comment: Alt Name:					
Construction F	<u> Record - Casing</u>				
Casing ID:		930054286			
Layer:		1			
Material:	A	1			
Open Hole or I Depth From:	laterial:	STEEL			
Depth To:		12			
Casing Diamet	er:	5			
Casing Diamet Casing Depth	er UOM: UOM:	inch ft			
	<u>Record - Casing</u>	000054007			
Casing ID: Layer:		930054287 2			
Material:		4			
Open Hole or M	laterial:	OPEN HOLE			
Depth From: Depth To:		100			
Casing Diamet	er:	5			
Casing Diamet Casing Depth	er UOM:	inch ft			
<u>Results of Wel</u>	l Yield Testing				
Pump Test ID:		991508793			
Pump Set At:					
Static Level:		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Level A	fter Pumping:	30			
Recommende	ed Pump Depth:				
Pumping Rat	e:	7			
Flowing Rate					
Recommende	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
Water State A	After Test Code:	1			
Water State A	After Test:	CLEAR			
Pumping Tes	st Method:	1			
Pumping Dur	ration HR:	0			
Pumping Duration MIN:		30			
Flowing:		Ν			

Water ID:	933463467
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

1508460 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	1 1/5/1951 Yes 3566	
		Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1/5/1951 Yes	
10030494 7 r Bedrock 11/24/1950		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC:	81.88359 18 440415.7 5024602 5 margin of error : 100 m - 300 m	
	7 r Bedrock	7 r Bedrock	10030494 Elevation: 7 Elevation: 7 Elevation: 8 Zone: 0030494 Elevation: 7 Elevrc: Zone: Zone: 0030494 Elevation: 7 Elevrc: Zone: Zone: r East83: Bedrock North83: Org CS: UTMRC:	Low Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:81.8835910030494Elevation: Elevrc: Zone: Image: 1881.883597Elevrc: Zone: Ore: Image: 1818rEast83: Source: UTMR2:440415.7BedrockNorth83: Org CS: UTMRC: DTMRC: Source: Source: Source: Source:5

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

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Com	ment:				
<u>Overburden a</u> Materials Inter					
Formation ID: Layer: Color:		931009724 2			
General Color	-	06			
Mat1: Most Common Mat2: Other Materia Mat3:		06 SILT			
Other Materia Formation To	p Depth:	2 7			
Formation En Formation En	d Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID: Layer: Color:		931009725 3			
General Color Mat1: Most Common Mat2:		26 ROCK			
Other Materia Mat3: Other Materia Formation To Formation En	ls: p Depth:	7 131 ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID: Layer:		931009723 1			
Color: General Color	:				
Mat1: Most Common Mat2: Other Materia Mat3:		01 FILL			
Other Materia Formation Top Formation En	p Depth:	0 2			
	d Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well	<u>_</u>			
Method Const	truction Code:	1 Cable Tool			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Pipe ID: Casing No: Comment: Alt Name:		10579064 1			
Construction	Record - Casing				
Casing ID:		930053633			
Layer:		1			
<i>Material:</i> Open Hole or	Material	1 STEEL			
Depth From:					
Depth To:		17			
Casing Diame Casing Diame	eter: eter UOM:	4 inch			
Casing Depth		ft			
Results of We	ell Yield Testing				
Pump Test ID		991508460			
Pump Set At:		2			
Static Level: Final Level At	fter Pumping:	2 20			
Recommende	ed Pump Depth:				
Pumping Rate		9			
Flowing Rate. Recommende	: ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
Water State A Water State A	fter Test Code:	1 CLEAR			
Pumping Tes		1			
Pumping Dur	ation HR:	1			
Pumping Dur Flowing:	ation MIN:	0 N			
Water Details					
Water ID:		933462970			
Layer:		3			
Kind Code: Kind:		1 FRESH			
Water Found	Depth:	125			
Water Found	Depth UOM:	ft			
Water Details					
Water ID:		933462969			
Layer: Kind Codo:		2			
Kind Code: Kind:		1 FRESH			
Water Found		90			
Water Found	Depth UOM:	ft			
Water Details					
Water ID:		933462971			
Layer: Kind Codo:		4 1			
Kind Code: Kind:		1 FRESH			
Water Found	Depth:	131			
98	erisinfo.com En	vironmental Risk Info	rmation Service	s	Order No: 2020011424

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water Found	Depth UOM:	ft				
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found I Water Found I	•	933462968 1 FRESH 70 ft				
<u>34</u>	1 of 1	E/192.2	79.9 / -0.07	lot 28 con 2 ON		wwis
Well ID: Construction Primary Watel Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N). Flow Rate: Clear/Cloudy:	r Use: Domes se: 0 tus: Water ial: Method: iability: rock: Bedrock: .evel:			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 1/31/1950 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY (NEPEAN) 028 02 OF	
Improvement Source Revisi	rce Date: Location Method: ion Comment:	ck 1949		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	79.748428 18 440610.7 5024842 9 unknown UTM p9	
Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID:	nd Bedrock rval	931015342				

Formation ID.	931013
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2: Other Materia	als:				
Mat3:	-1				
Other Materia Formation To		0			
Formation Er		4			
Formation Er	nd Depth UOM:	ft			
Overburden a Materials Inte					
Formation ID	:	931015344			
Layer:		3			
Color: General Colo		1 WHITE			
Mat1:	r.	15			
Most Commo	on Material:	LIMESTONE			
Mat2:					
Other Materia	als:				
Mat3: Other Materia	ale				
Formation To		60			
Formation Er	nd Depth:	110			
Formation Er	nd Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID	÷	931015343			
Layer:		2			
Color:		3 BLUE			
General Colo Mat1:	r:	26			
Most Commo	on Material:	ROCK			
Mat2:					
Other Materia	als:				
Mat3: Other Materia					
Formation To		4			
Formation Er	nd Depth:	60			
Formation Er	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID:				
	struction Code:	1			
Method Cons		Cable Tool			
Other Method	d Construction:				
<u>Pipe Informa</u>	tion				
Pipe ID:		10581198			
Casing No:		1			
Comment: Alt Name:					
Construction	Record - Casing				
Casing ID:		930057833			
Layer:		2			
Material:		4			

Number Records		Elev/Diff (m)	Site		DI
Material:	OPEN HOLE				
	110				
	6				
	inch				
UOM:	ft				
Record - C	Casing				
	930057832				
Material:	STEEL				
	7				
ter:	6				
ter UOM:	inch				
UOM:	ft				
II Yield Te	sting				
:	991510602				
	13				
ter Pumpii					
	5				
e:	3				
d Pump R					
ftor Tost (
	1				
	0				
	25				
	Ν				
	933465628				
	1				
	1				
Depth 00h	<i>n.</i> It				
1 of 1	ESE/194.2	80.9 / 0.93	Enbridge Energy Dist 851 Killeen Ave. Ottawa ON	ribution Inc.	SPL
	0866-ATQS3M		Discharger Report:		
				2 - Minor Environment	
	2011/12/04				
e:				Unknown / N/A	
	Leak/Break		Agency Involved:		
Code:	35		Nearest Watercourse:		
	NATURAL GAS (METHANE)	Site Address:	851 Killeen Ave.	
Limit 1:			Site District Office:	Ottawa	
Frank A.			Site Postal Code:		
Freq 1: UN No 1:	1075		Site Region:	Eastern	
	Records Material: Material: Material: Material: Record - C Material: M	RecordsDistance (m)Material:OPEN HOLEI10 6 her UOM:110 6 inchUOM:inchUOM:ftRecord - Casing930057832 1 1Material:STEELMaterial:STEELMaterial:7 6 inch 10M:Material:7 6 inch 10M:Material:7 6 inch 10M:Material:7 6 1 inch 10M:Material:7 6 inch 10M:Material:7 6 1 100Material:7 6 1 100Material:13 37 <br< td=""><td>Records Distance (m) (m) Material: OPEN HOLE iter UOM: inch inch inch UOM: it Record - Casing 930057832 #aterial: STEEL Material: STEEL Material: STEEL ************************************</td><td>Records Distance (m) (m) Material: OPEN HOLE 110 6 ter: 6 ter: 6 UOM: tt Record - Casing 930057832 1 1 Material: STEEL rter: 7 ter: 7 ter: 991510602 ter: 991510602 ter: 3 d Pump Depth: 3 ter Test Code: 1 ter Test Code: 1 Matherial: 0 stion MIN: 25 N N 0866-ATQS3M Discharger Report: NA 2017/1/2/04 0866-ATQS3M Discharger Report: NA 2017/1/2/04 e: Leak/Break t: Leak/Break Stet Address: Stet Address:</td><td>Records Distance (m) (m) Material: OPEN HOLE ter: 6 ter: 90057832 1 1 Material: 1 ter: 6 ter: 6 ter: 901510602 ter: 3 dPump Depth: 3 ter Pumping: 37 dPump Depth: 3 ter Test: CLEAR Method: 1 ter Test: CLEAR Material: 1 fil: FESH Depth: 100 0866-ATOS3M Discharger Report: N 2017/12/04 e: Lak/Break apery Involved: 351 Killeen Ave. 00866-ATOS3M Discharger Report:</td></br<>	Records Distance (m) (m) Material: OPEN HOLE iter UOM: inch inch inch UOM: it Record - Casing 930057832 #aterial: STEEL Material: STEEL Material: STEEL ************************************	Records Distance (m) (m) Material: OPEN HOLE 110 6 ter: 6 ter: 6 UOM: tt Record - Casing 930057832 1 1 Material: STEEL rter: 7 ter: 7 ter: 991510602 ter: 991510602 ter: 3 d Pump Depth: 3 ter Test Code: 1 ter Test Code: 1 Matherial: 0 stion MIN: 25 N N 0866-ATQS3M Discharger Report: NA 2017/1/2/04 0866-ATQS3M Discharger Report: NA 2017/1/2/04 e: Leak/Break t: Leak/Break Stet Address: Stet Address:	Records Distance (m) (m) Material: OPEN HOLE ter: 6 ter: 90057832 1 1 Material: 1 ter: 6 ter: 6 ter: 901510602 ter: 3 dPump Depth: 3 ter Pumping: 37 dPump Depth: 3 ter Test: CLEAR Method: 1 ter Test: CLEAR Material: 1 fil: FESH Depth: 100 0866-ATOS3M Discharger Report: N 2017/12/04 e: Lak/Break apery Involved: 351 Killeen Ave. 00866-ATOS3M Discharger Report:

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Environment Nature of Imj Receiving Me Receiving Er MOE Respon Dt MOE Arvl MOE Reporte Dt Document	pact: edium: nv: nse: on Scn: ed Dt:	Air No 2017/12/04 2017/12/16			Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	Ottawa TSSA - Fuel Safety Branch - Hydr	ocarbon Fue
Incident Rea Site Name: Site County/I		Operator/Hu	uman Error sidential <unoff< td=""><td>ICIAL></td><td>Source Type:</td><td>Release/Spill Pipeline/Components</td><td></td></unoff<>	ICIAL>	Source Type:	Release/Spill Pipeline/Components	
Site Geo Ref Incident Sun Contaminant	Meth: hmary:		SSA FSB: Enbridg other - see incider		service damage/valid locates,	/safe	
<u>36</u>	1 of 1		E/195.8	79.9 / -0.07	830 RIDDELL AVENU OTTAWA ON K2A 2VS	-	HINC
Fuel Occurre Date of Occu Fuel Type In Status Desc: Job Type De Oper. Type In Service Inter Property Dar Fuel Life Cyc Root Cause: Reported De Fuel Categor Occurrence Affiliation: County Name Approx. Qua Nearby body Enter Draina Approx. Qua Environment	urrence: volved: sc: nvolved: ruptions: mage: cle Stage: tails: ry: Type: e: e: nt. Rel: of water: ge Syst.: ont. Unit:	6 N C Irr C Y Y T R M G Ir Ir	ipeline Strike 9/2008 atural Gas ompleted - Causa cident/Near-Miss onstruction Site (p es es ransmission, Distri oot Cause: Equipr anagement:Yes aseous Fuel cident dustry Stakeholde ttawa	Occurrence (FS) ipeline strike) ibution and Trans nent/Material/Co Human Factors:	mponent:No Procedures:Ye		Training:No
<u>37</u>	1 of 1		ESE/197.3	80.9 / 0.93	ONTARIO HYDRO 851 KILLEEN ANE TR OTTAWA CITY ON K2		SPL
Ref No: Site No: Incident Dt:		7653 8/5/1988			Discharger Report: Material Group: Health/Env Conseg:		
Year: Incident Cau Incident Ever Contaminant Contaminant Contaminant Contaminant Environment Nature of Imp Receiving M Receiving Er MOE Respor	nt: t Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact: edium: nv:	COOLING S	SYSTEM LEAK		Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting:	20101	

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Order No: 20200114246

Map Key	Numbe Record	 Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Dt MOE Arvi MOE Report Dt Documen Incident Rea Site Name: Site County/ Site Geo Rea Incident Sun Contaminan	ed Dt: ht Closed: ason: District: f Meth: nmary:	NT FAILURE	- 4.5 L TRANSFO	Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type: RMER OIL(<50 PPM PCB) TO GROUND.	
<u>38</u>	1 of 2	E/201.3	79.9 / -0.07	ON	WWIS

Data Entry Status: Data Src:

Abandonment Rec:

Date Received: Selected Flag:

Contractor: Form Version:

Municipality:

Concession: Concession Name: Easting NAD83: Northing NAD83:

UTM Reliability:

Site Info: Lot:

Zone:

Owner: Street Name: County: 1 8/11/1952

Yes

3718

OTTAWA-CARLETON

OTTAWA CITY

1

Well ID:	1508776
Construction Date:	
Primary Water Use:	Domestic
Sec. Water Use:	0
Final Well Status:	Water Supply
Water Type:	
Casing Material:	
Audit No:	
Tag:	
Construction Method:	
Elevation (m):	
Elevation Reliability:	
Depth to Bedrock:	
Well Depth:	
Overburden/Bedrock:	
Pump Rate:	
Static Water Level:	
Flowing (Y/N):	
Flow Rate:	
Clear/Cloudy:	

Bore Hole Information

Bore Hole ID:	10030810	Elevation:	80.505104
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	0	East83:	440625.7
Code OB Desc:	Overburden	North83:	5024782
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/22/1952	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Flevrc Desc			

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

Overburden and Bedrock Materials Interval

Formation ID:	931010565
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material: Mat2:	CLAY

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materi	als:				
Mat3: Other Materi	ale				
Formation Te		18			
Formation E	nd Depth:	110			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	931010564			
Layer: Color:		1 3			
General Colo	or:	BLUE			
Mat1:		05			
Most Commo	on Material:	CLAY			
Mat2: Other Materi	ale				
Mat3:	ui3.				
Other Materi		_			
Formation Te Formation E	op Depth: nd Donth:	0 18			
	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Con	struction ID:				
	struction Code:	1			
Method Cons	struction: d Construction:	Cable Tool			
	a construction.				
<u>Pipe Informa</u>	<u>ntion</u>				
Pipe ID:		10579380			
Casing No:		1			
Comment: Alt Name:					
Alt Name.					
<u>Construction</u>	n Record - Casing				
Casing ID:		930054253			
Layer: Material:		1 1			
Open Hole o	r Material:	STEEL			
Depth From:		00			
Depth To: Casing Diam	otor:	20 4			
Casing Diam	eter UOM:	inch			
Casing Dept		ft			
<u>Constructior</u>	n Record - Casing				
Casing ID:		930054254			
Layer:		2			
Material:	* Motoriali				
Open Hole of Depth From:		OPEN HOLE			
Depth To:		110			
Casing Diam		4			
Casing Diam Casing Dept	eter UOM:	inch ft			
Casing Dept		п			

Pump Test ID:	991508776
Pump Set At:	45
Static Level: Final Level After Pumping:	15 15
Recommended Pump Depth:	15
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	Ν

Water Details

Water ID:	933463442
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80
Water Found Depth UOM:	ft

Water Details

Water ID:	933463443
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

Water Details

Water ID:	933463441
Layer:	1
Kind Code:	1
Kind:	FRESH
<i>Water Found Depth:</i>	70
Water Found Depth UOM:	ft

<u>38</u> 2	of 2	E/201.3	79.9 / -0.07	ON		WWIS
Well ID: Construction Da Primary Water U Sec. Water Use: Final Well Statu Water Type: Casing Material Audit No: Tag: Construction Ma Elevation (m): Elevation Reliat	Jse: s: : ethod:	1508777 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	1 11/28/1952 Yes 3718 1 OTTAWA-CARLETON OTTAWA CITY	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	edrock: evel:			Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Bore Hole Info	ormation					
	r Bedrock ed: 9/9/1952 rce Date: Location Source: Location Method: on Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.505104 18 440625.7 5024782 5 margin of error : 100 m - 300 m p5	
<u>Overburden al</u> <u>Materials Inte</u> r						
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Material Formation Top Formation End	: n Material: ls: ls: o Depth: d Depth:	931010567 2 15 LIMESTONE 18 110 ft				
<u>Overburden al</u> <u>Materials Inter</u>						
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Material Formation Top Formation End Formation End	: n Material: ls: ls: o Depth: d Depth:	931010566 1 3 BLUE 05 CLAY 0 18 ft				
	nstruction & Well					

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
<u>Use</u>					
Method Cons Method Cons Method Cons	struction Code:	1 Cable Tool			
Other Metho	d Construction:				
Pipe Informa	<u>tion</u>				
Pipe ID:		10579381			
Casing No:		1			
Comment:					
Alt Name:					
Construction	Record - Casing				
Casing ID:		930054256			
Layer:		2			
Material: Open Hole ol	r Matarial:	4 OPEN HOLE			
Depth From:		OFENHOLE			
Depth To:		110			
Casing Diam		4			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
Construction	Record - Casing				
Casing ID:		930054255			
Layer:		1			
Material:	•• · · •	1			
Open Hole of Depth From:	r Material:	STEEL			
Depth From: Depth To:		20			
Casing Diam	eter:	4			
Casing Diam	eter UOM:	inch			
Casing Depti		ft			

<u>Results</u>	of	Well	Yield	Testing

Pump Test ID:	991508777
Pump Set At:	
Static Level:	25
Final Level After Pumping:	25
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	Ν

Water Details

Water ID:	933463444
Layer:	1
Kind Code:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind: Water Found	I Depth:	FRESH 50			
	I Depth UOM:	ft			
Water Details	<u>S</u>				
Water ID:		933463446			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found	l Depth:	105			
Water Found	I Depth UOM:	ft			
Water Details	<u>S</u>				
Water ID:		933463445			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			

Water Found Depth: Water Found Depth UOM:

80 ft

ESE/202.8	80.9 / 0.93	ON		wwis
1508384 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 7/28/1952 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	
10030418 12		Elevation: Elevrc: Zone:	80.946617 18	
r Bedrock		East83: North83: Org CS: UTMRC:	440605.7 5024702 5	
	1508384 Domestic 0 Water Supply	1508384 Domestic 0 Water Supply	Isolation ON 1508384 Data Entry Status: Data Src: Data Src: Date Received: 0 Water Supply Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: 10030418 Elevation: East63: North83: Org CS:	ON 1508384 Domestic 0 Selected Flag: 728/1952 0 Water Supply Abandonment Rec: Contractor: 3725 Form Version: 1 Owner: Street Name: County: Out Action Out Selected Flag: Yes Mater Supply Abandonment Rec: Contractor: 3725 Form Version: 1 Owner: Street Name: County: Out Concession: Concession:

UTMRC Desc:

Location Method:

Date Completed: 6/14/1952 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment:

108

margin of error : 100 m - 300 m

р5

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Cor	nment:				
<u>Overburden</u> Materials Inte	and Bedrock erval				
Formation ID):	931009545			
Layer: Color:		2 3			
General Cold	or:	BLUE			
Mat1:		17			
Most Commo	on Material:	SHALE			
Mat2: Other Materia Mat3:	als:				
Other Materia					
Formation To	op Depth:	12 90			
Formation El Formation El	nd Depth: nd Depth UOM:	ft			
Overburden Materials Inte	and Bedrock erval				
		021000544			
Formation ID Layer:):	931009544 1			
Color:		I			
General Colo	or:				
Mat1:		05			
Most Commo Mat2:	on Material:	CLAY			
Other Materia	als:				
Mat3:					
Other Materia		0			
Formation Te Formation E	op Depth: nd Depth:	0 12			
	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction ID.				
	struction Code:	1			
Method Cons		Cable Tool			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10578988			
Casing No:		1			
Comment: Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		930053484			
Layer:		2			
Material:	r Matarial:				
Open Hole of Depth From:		OPEN HOLE			
Depth To:		90			
Casing Diam	eter:	4			
Casing Diam	eter UOM:	inch ft			
Casing Dept		n			

Construction Record - Casing

Casing ID:	930053483
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508384
Pump Set At:	
Static Level:	12
Final Level After Pumping:	16
Recommended Pump Depth:	
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	Ν

Water Details

Water ID:	933462866
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	47
Water Found Depth UOM:	ft

<u>40</u>	1 of 1	S/203.3	81.9 / 1.93	ON		WWIS
Elevation Elevation Depth to E Well Deptl	later Use: r Use: Status: he: aterial: (m): Reliability: Bedrock: h: en/Bedrock: e: ter Level:	1508141 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Easting NAD83: Northing NAD83: Zone:	1 3/3/1953 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Flow Rate: Clear/Cloudy:				UTM Reliability:		
Bore Hole Inform	nation					
Bore Hole ID:	100301	76		Elevation:	81.688247	
DP2BR:	13			Elevrc:		
Spatial Status:				Zone:	18	
Code OB:	r			East83:	440450.7	
Code OB Desc:	Bedroc	k		North83:	5024592	
Open Hole:				Org CS:	0	
Cluster Kind:	: 12/5/19	52		UTMRC: UTMRC Desc:	9 unknown UTM	
Date Completed Remarks:	. 12/3/18	52		Location Method:	p9	
Elevrc Desc:				Location method.	60	
Location Source	Date:					
Improvement Lo	cation Source:					
Improvement Lo						
Source Revisior						
Supplier Comme	ent:					
<u>Overburden and</u> Materials Interva						
Formation ID:		931008907				
Layer:		1				
Color:						
General Color:		00				
Mat1: Maat Common I	Antorial.	02 TOPSOIL				
Most Common I Mat2:	laterial:	TOPSOIL				
Other Materials:						
Mat3:						
Other Materials:						
Formation Top I		0				
Formation End		13				
Formation End I	Depth UOM:	ft				
<u>Overburden and</u> Materials Interva						
Formation ID:		931008908				
Layer:		2				
Color:						
General Color:		45				
Mat1: Most Common I	Actorial	15 LIMESTONE				
Most Common I Mat2:	laterial:	LINESTONE				
Other Materials:						
Mat3:						
Other Materials:						
Formation Top L		13				
Formation End		51				
Formation End I	Depth UOM:	ft				
<u>Method of Cons</u> <u>Use</u>	truction & Well					
Method Constru		4				
Method Constru Method Constru		1 Cable Tool				
Method Constru Other Method C						
Giner wennod G	011311 4011011.					

Pipe Information

Pipe ID:	10578746
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: Layer: Material:	930053013 2 4
Open Hole or Material: Depth From:	OPEN HOLE
Depth To:	51
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053012
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508141
Pump Set At: Static Level:	9
Final Level After Pumping:	9
Recommended Pump Depth:	122
Pumping Rate: Flowing Rate:	122
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	Ν

Water Details

Water ID:	933462533
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	33
Water Found Depth UOM:	ft

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		L
<u>41</u>	1 of 1		E/206.3	79.9 / -0.07	ON		ww
Nell ID:		1508792			Data Entry Status:		
Construction	Dato [.]	1000/02			Data Entry Status. Data Src:	1	
Primary Water		Domestic			Date Received:	10/15/1951	
Sec. Water Us		0			Selected Flag:	Yes	
Final Well Star		Water Sup	only		Abandonment Rec:	163	
Nater Type:	<i>ius.</i>	water ou	эргу		Contractor:	5448	
Casing Materia	al·				Form Version:	1	
Audit No:	ai.				Owner:	I	
ag:					Street Name:		
ay. Construction	Nothodi					OTTAWA-CARLETON	
					County:		
levation (m):					Municipality:	OTTAWA CITY	
Elevation Reli	•				Site Info:		
Depth to Bedr	OCK:				Lot:		
Vell Depth:					Concession:		
Overburden/B	edrock:				Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water L	.evel:				Northing NAD83:		
lowing (Y/N):	:				Zone:		
low Rate:					UTM Reliability:		
Clear/Cloudy:							
Bore Hole Info	ormation						
Bore Hole ID:		10030826	i		Elevation:	80.542724	
DP2BR:		8			Elevrc:		
Spatial Status	:				Zone:	18	
Code OB:		r			East83:	440630.7	
Code OB Desc	c:	Bedrock			North83:	5024782	
Open Hole:					Org CS:		
Cluster Kind:					UTMRC:	9	
Date Complete	ed:	7/19/1951			UTMRC Desc:	unknown UTM	
Remarks:					Location Method:	p9	
Elevrc Desc:							
ocation Sour	rce Date:						
mprovement		Source:					
mprovement							
Source Revisi							
Supplier Com		ciit.					
<u>Dverburden al</u> Materials Inter		<u>.</u>					
			931010605				
Formation ID:			2				
.ayer: Color:			۷				
General Color	•		45				
lat1:			15 LINECTONE				
Nost Commor	n waterial:		LIMESTONE				
lat2:							
Other Material	ls:						
lat3:							
Other Material							
Formation Top	p Depth:		8				
ormation En			91				
Formation End		ОМ:	ft				
		<u>:</u>					
<u>Dverburden a</u> Materials Inter							
			931010604				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:					
General Colo	or:	05			
Mat1:	Matarial.	05			
Most Commo	on Material:	CLAY			
Mat2: Other Materia					
Mat3:	dis.				
Other Materia	ale				
Formation To		0			
Formation E		8			
	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction ID [.]				
	struction Code:	1			
Method Cons		Cable Tool			
	d Construction:				
<u>Pipe Informa</u>	tion				
Pipe ID:		10579396			
Casing No:		1			
Comment:		•			
Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		930054285			
Layer:		2			
Material:		4			
Open Hole o	r Material:	OPEN HOLE			
Depth From:					
Depth To:		91			
Casing Diam		5			
Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930054284			
Layer:		1			
Material:		1			
Open Hole o	r Material:	STEEL			
Depth From:					
Depth To:		12			
Casing Diam	eter:	5			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	<u>ell Yield Testing</u>				
Pump Test IL	D:	991508792			
Pump Set At					
Static Level:		10			
	fter Pumping:	15			
	ed Pump Depth				

Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Levels UOM	•	ft			
Rate UOM:		GPM			
Water State	After Test Code:	1			
Water State	After Test:	CLEAR			
Pumping Tes	st Method:	1			
Pumping Du	ration HR:	0			
Pumping Du	ration MIN:	30			
Flowing:		N			
Water Detail	<u>></u>				
Water ID:		933463466			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found		91			
Water Found	I Depth UOM:	ft			
42	1 of 1	WSW/206.7	80.9/0.93		WWIS
				ON	ww/s

Well ID: Construction Date:	1507985	Data Entry Status: Data Src:	1
Primary Water Use:	Domestic	Date Received:	5/13/1952
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3725
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10030020	Elevation:	83.201858
DP2BR:	7	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440250.7
Code OB Desc:	Bedrock	North83:	5024682
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/14/1951	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date	e:		
Improvement Locatio	on Source:		
Improvement Locatio	on Method:		
Source Revision Con	nment:		

Overburden and Bedrock Materials Interval

Supplier Comment:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site DE	3
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia	r: n Material: Is:	931008535 2 11 GRAVEL			
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	3 7 ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID: Layer: Color: General Color Mat1: Most Commo. Mat2: Other Materia Mat3: Other Materia Formation To Formation En	:: n Material: ls: ls: p Depth:	931008534 1 05 CLAY 0 3 ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation En	:: n Material: ls: ls: ρ Depth:	931008536 3 1 WHITE 15 LIMESTONE 7 120 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction Code:	1 Cable Tool			
<u>Pipe Informat</u> Pipe ID: Casing No: Comment:	ion	10578590 1			

_

Alt Name:

Construction Record - Casing

Casing ID:	930052697
Layer:	2
Material:	4
Open Hole or Material: Depth From: Depth To:	OPEN HOLE
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: Layer: Material:	930052696 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	20
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991507985
Pump Set At:	
Static Level:	35
Final Level After Pumping:	45
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	Ν

Water Details

<u>43</u>	1 of 2	SW/207.7	80.9 / 0.93	ON	WWIS
Water ID: Layer: Kind Code. Kind: Water Four Water Four		933462303 1 1 FRESH 100 ft			

		ON	
Well ID:	1508483	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	2/21/1951
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	

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Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		Di
Water Type: Casing Materi Audit No: Tag: Construction Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water Flowing (Y/N): Flow Rate: Clear/Cloudy:	Method: ability: rock: edrock: evel:			Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	3725 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Info	ormation					
Improvement Source Revisi Supplier Com Overburden a	r c: Bedrock ed: 1/29/195 rce Date: Location Source: Location Method: ion Comment: ment: nd Bedrock			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.326995 18 440300.7 5024627 5 margin of error : 100 m - 300 m p5	
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Other Material Formation Top Formation End	: n Material: ls: ls: p Depth:	931009786 2 GREY 15 LIMESTONE 7 65 ft				
Overburden a Materials Inter						
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Materian Mat3:	: n Material:	931009785 1 02 TOPSOIL 09 MEDIUM SAND				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Other Materia	als:				
Formation To		0			
Formation Er	nd Depth:	7			
Formation Er	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID:				
	struction Code:	1			
Method Cons		Cable Tool			
Other Method	d Construction:				
Pipe Informa	<u>tion</u>				
Pipe ID:		10579087			
Casing No:		1			
Comment: Alt Name:					
Construction	n Record - Casing				
Casing ID:		930053677			
Layer:		1			
Material:		1			
Open Hole or		STEEL			
Depth From:		10			
Depth To: Casing Diam	otor	12 4			
Casing Diam		inch			
Casing Dept		ft			
Construction	n Record - Casing				
Casing ID:		930053678			
Layer:		2			
Material:		4			
Open Hole or		OPEN HOLE			
Depth From: Depth To:		65			
Casing Diam	otor:	4			
Casing Diam		inch			
Casing Dept		ft			
Results of W	ell Yield Testing				
Pump Test IL		991508483			
Pump Set At:					
Static Level:		11			
	fter Pumping: ed Pump Depth:	12			
Recommende Pumping Rat		6			
Flowing Rate		÷			
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:	A file in Ta	GPM			
Water State A Water State A	After Test Code:	1 CLEAR			
		CLEAR 1			
Pumping Tes		0			
	ration HR:	0 20			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water Details	<u>s</u>						
Water ID:			933463002				
Layer:			1				
Kind Code: Kind:			1 FRESH				
Water Found	l Denth		20				
Water Found		И:	ft				
<u>43</u>	2 of 2		SW/207.7	80.9 / 0.93	ON		WWIS
Well ID:		1508482	<u>.</u>		Data Entry Status:		
Construction	n Date:				Data Src:	1	
Primary Wate		Domesti	C		Date Received:	2/21/1951	
Sec. Water U Final Well St		0 Wotor St	upply		Selected Flag:	Yes	
Water Type:	atus:	Water St	uppiy		Abandonment Rec: Contractor:	3725	
Casing Mater	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction					County:	OTTAWA-CARLETON	
Elevation (m Elevation Re					Municipality: Site Info:	OTTAWA CITY	
Depth to Bed					Lot:		
Well Depth:					Concession:		
Overburden/	Bedrock:				Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water Flowing (Y/N					Northing NAD83: Zone:		
Flow Rate:	<i>Ŋ</i> .				UTM Reliability:		
Clear/Cloudy	/:				••••••••••••••••••••••••••••••••••••••		
Bore Hole In	formation						
Bore Hole ID):	1003051	6		Elevation:	82.326995	
DP2BR:		6			Elevrc:	40	
Spatial Statu Code OB:	IS:	r			Zone: East83:	18 440300.7	
Code OB.	sc.	Bedrock			North83:	5024627	
Open Hole:		200.001			Org CS:	002.02.	
Cluster Kind					UTMRC:	9	
Date Comple	eted:	1/25/195	51		UTMRC Desc:	unknown UTM	
Remarks: Elevrc Desc:					Location Method:	p9	
Location Sol							
Improvement		Source:					
Improvemen							
Source Revis Supplier Con		ent:					
<u>Overburden a</u> <u>Materials Inte</u>		: <u>k</u>					
Formation ID):		931009784				
Layer:			2				
			2				
Color:							
Color: General Colo	or:		GREY 15				
Color:			15 LIMESTONE				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materi	als:				
Mat3: Other Materi	als:				
Formation To		6			
Formation E	nd Depth:	64			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> <u>Materials Int</u>	<u>and Bedrock</u> erval				
Formation ID):	931009783			
Layer:		1			
Color: General Colo	or:				
Mat1:		02			
Most Comme	on Material:	TOPSOIL			
Mat2: Other Materi	ale	09 MEDIUM SAND			
Mat3:	ais.				
Other Materi					
Formation To		0 6			
Formation E Formation E	nd Depth: nd Depth UOM:	6 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Con	struction ID:				
	struction Code:	1			
Method Cons	struction: d Construction:	Cable Tool			
Other Metho	a construction.				
<u>Pipe Informa</u>	<u>ition</u>				
Pipe ID:		10579086			
Casing No:		1			
Comment: Alt Name:					
, in thanks					
<u>Construction</u>	n Record - Casing				
Casing ID:		930053675			
Layer: Material:		1 1			
Open Hole o	r Material:	STEEL			
Depth From:					
Depth To: Casing Diam	ofor:	13 4			
Casing Diam Casing Diam	eter UOM:	4 inch			
Casing Dept		ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053676			
Layer:		2			
Material:	•• · · ·	4			
Open Hole o Depth From:	r Material:	OPEN HOLE			
Depth From: Depth To:		64			
Casing Diam		4			
Casing Diam	eter UOM:	inch			
Casing Dept	n UOM:	ft			

Results of Well Yield Testing

Pump Test ID:	991508482
Pump Set At: Static Level:	8
Final Level After Pumping:	8
Recommended Pump Depth:	
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	N

Water Details

Water ID:	933463001
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	15
Water Found Depth UOM:	ft

<u>44</u>	1 of 1	ESE/211.8	80.9 / 0.93	ON		WWIS
Well ID: Constructio Primary Wa Sec. Water Final Well S Water Type. Casing Mate Audit No: Tag: Constructio Elevation (n Elevation (n Elevation (n Elevation n Depth to Be Well Depth: Overburden Pump Rate: Static Wate Flowing (Y// Flow Rate: Clear/Cloud	ter Use: Use: Status: erial: on Method: n): eliability: edrock: n/Bedrock: r Level: N):	1508383 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 4/1/1952 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	
<u>Bore Hole II</u>	nformation					
Bore Hole II DP2BR: Spatial Stat Code OB: Code OB De Open Hole: Cluster Kind	us: esc:	10030417 11 r Bedrock		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	80.892997 18 440590.7 5024662 9	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
	rce Date: Location Source: Location Method: ion Comment:	1		UTMRC Desc: Location Method:	unknown UTM p9	
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color:		931009543 3				
General Color Mat1: Most Commo Mat2:		15 LIMESTONE				
Other Materia Mat3: Other Materia	ls:					
Formation To Formation En Formation En		11 80 ft				
<u>Overburden a</u> Materials Inte						
Formation ID: Layer: Color:		931009541 1				
General Color Mat1: Most Commo Mat2: Other Materia	n Material:	02 TOPSOIL				
Mata: Other Materia Formation To	ls:	0				
Formation En Formation En	d Depth: d Depth UOM:	4 ft				
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color: General Color		931009542 2				
Mat1: Most Commo Mat2: Other Materia Mat3:	n Material: Is:	11 GRAVEL				
Other Materia Formation To Formation En Formation En	p Depth:	4 11 ft				

Method of Construction & Well Use

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ
Method Cons	struction ID:				
Method Cons	struction Code:	1			
Method Cons		Cable Tool			
Other Method	d Construction:				
Pipe Informa	<u>tion</u>				
Pipe ID:		10578987			
Casing No:		1			
<i>Comment:</i> Alt Name:					
Construction	Record - Casing				
Casing ID:		930053481			
_ayer:		1			
Material:		1			
Open Hole or Depth From:		STEEL			
Depth To:		21			
Casing Diam	eter:	4			
Casing Diam		inch			
Casing Depth	h UOM:	ft			
Construction	Record - Casing				
Casing ID:		930053482			
ayer:		2 4			
<i>Material:</i> Open Hole or	r Matorial:	4 OPEN HOLE			
Depth From:		OFERTIOLE			
Depth To:		80			
Casing Diam		4			
Casing Diam Casing Depth		inch ft			
Results of W	ell Yield Testing				
Pump Test ID	D:	991508383			
Pump Set At:	:				
Static Level:	~	15			
	fter Pumping: ed Pump Depth:	40			
Pumping Rat		4			
Flowing Rate					
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:	After Test Code:	GPM 1			
Water State A		CLEAR			
Pumping Tes		1			
Pumping Dur	ration HR:	0			
Pumping Dur	ration MIN:	20			
Flowing:		Ν			
Water Details	ŝ				
Water ID:		933462865			
Layer: Kind Codo:		1			
Kind Code: Kind:		1 FRESH			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ
Water Found Water Found		1:	30 ft			
<u>45</u>	1 of 1		SSW/214.3	81.9 / 1.93	ON	WW
Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Bed Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	er Use: Jse: Jse: atatus: rial: m Method: eliability: drock: /Bedrock: /Bedrock: Level: J):	1508462 Domestic 0 Water Su	;		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 4/1/1952 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY
<u>Bore Hole In</u>	formation					
Bore Hole ID: 10030496 DP2BR: 10 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 11/14/1951 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.904243 18 440390.7 5024582 5 margin of error : 100 m - 300 m p5		
<u>Overburden</u> Materials Int		<u>k</u>				
Formation IE Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materi Mat3: Other Materi Formation Te Formation E Formation E	or: on Material: ials: ials: iop Depth: ind Depth:	DM:	931009728 1 05 CLAY 0 10 ft			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden</u> Materials Int	and Bedrock erval				
Formation ID):	931009729			
Layer:		2			
Color:					
General Colo	or:	45			
Mat1: Most Commo	on Matorial:	15 LIMESTONE			
Mat2:	Jii Walenai.				
Other Materi	als:				
Mat3:					
Other Materi					
Formation To		10			
Formation E		56			
Formation E	nd Depth UOM:	ft			
<u>Method of Co</u> Use	onstruction & Well				
Method Cons	struction ID.				
	struction Code:	1			
Method Con	struction:	Cable Tool			
Other Metho	d Construction:				
<u>Pipe Informa</u>	tion				
Pipe ID:		10579066			
Casing No:		1			
Comment:					
Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		930053637			
Layer:		2			
Material:		4			
Open Hole o		OPEN HOLE			
Depth From:		50			
Depth To: Casing Diam	otor	56 4			
Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053636			
Layer:		1			
Material:		1			
Open Hole of		STEEL			
Depth From: Depth To:		20			
Casing Diam	eter:	4			
Casing Diam		inch			
Casing Dept		ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test II		991508462			
Pump Set At	:				
Static Level:		8			
Final Level A	fter Pumping:	8			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommend	ed Pump Depth:				
Pumping Rat	te:	5			
Flowing Rate):				
Recommend	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
Water State	After Test Code:	1			
Water State	After Test:	CLEAR			
Pumping Tes	st Method:	1			
Pumping Du	ration HR:	0			
Pumping Du		30			
Flowing:		Ν			
Water Details	5				
Water ID:		933462973			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	Depth:	56			
Water Found	Depth UOM:	ft			
<u>46</u>	1 of 1	SW/214.4	81.7 / 1.77	011	WWIS

40 1011	SW/214.4	01.7 / 1.77	<u></u>	
			ON	
Well ID:	1508486		Data Entry Status:	
Construction Date:			Data Src:	1
Primary Water Use:	Domestic		Date Received:	4/1/1952
Sec. Water Use:	0		Selected Flag:	Yes
Final Well Status:	Water Supply		Abandonment Rec:	
Water Type:			Contractor:	3725
Casing Material:			Form Version:	1
Audit No:			Owner:	
Tag:			Street Name:	
Construction Method:			County:	OTTAWA-CARLETON
Elevation (m):			Municipality:	OTTAWA CITY
Elevation Reliability:			Site Info:	
Depth to Bedrock:			Lot:	
Well Depth:			Concession:	
Overburden/Bedrock:			Concession Name:	
Pump Rate:			Easting NAD83:	
Static Water Level:			Northing NAD83:	
Flowing (Y/N):			Zone:	
Flow Rate:			UTM Reliability:	
Clear/Cloudy:				

Bore Hole Information

Bore Hole ID:	10030520	Elevation:	82.194778
		Elevation.	02.194770
DP2BR:	10	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440310.7
Code OB Desc:	Bedrock	North83:	5024612
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	5/12/1951	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	р5
Elouro Doso:			

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

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WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID);	931009792			
Layer:		2			
Color:		1 WHITE			
General Colo Mat1:	Dr:	15			
Most Comme	on Material:	LIMESTONE			
Mat2:					
Other Materi Mat3:	als:				
Other Materi	als:				
Formation T	op Depth:	10			
Formation E	nd Depth:	66			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> <u>Materials Int</u>	<u>and Bedrock</u> erval				
Formation ID):	931009791			
Layer:		1			
Color: General Colo	~r·				
Mat1:	<i>J</i> .	05			
Most Commo	on Material:	CLAY			
Mat2:					
Other Materi Mat3:	als:				
Other Materi	als:				
Formation To	op Depth:	0			
Formation E	nd Depth:	10			
Formation E	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Con	struction Code: struction:	1 Cable Tool			
Other Metho	d Construction:				
<u>Pipe Informa</u>	ation				
Pipe ID:		10579090			
Casing No:		1			
Comment: Alt Name:					
Construction	n Record - Casing				
Casing ID:		930053684			
Layer:		2			
Material: Open Hole o	r Material·	4 OPEN HOLE			
Depth From:					
Depth To:		66			
Casing Diam	eter:	4 inch			
Casing Diam Casing Dept	leter UOM: h UOM·	inch ft			
Jashiy Dept					

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Construction	n Record - (Casing					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Depth	neter: neter UOM:		930053683 1 STEEL 20 4 inch ft				
Results of W	/ell Yield Te	esting					
Pump Test IL Pump Set At Static Level: Final Level A Recommend Pumping Rate Flowing Rate Recommend Levels UOM: Rate UOM: Water State A Pumping Tes Pumping Du Flowing: Water Details	t: After Pumpi led Pump D te: e: led Pump R : led Pump R R Methot ration HR: ration HR: ration MIN:	epth: ate:	991508486 8 ft GPM				
Water ID: Layer: Kind Code: Kind: Water Found Water Found		М:	933463006 1 1 FRESH 55 ft				
<u>47</u>	1 of 1		SSW/215.2	81.9 / 1.93	lot 28 con 2 ON		WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate:	er Use: Jse: Jse: atatus: an Method: biability: drock: /Bedrock: Level:	1510601 Domestia 0 Water St	c		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 1/5/1950 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY (NEPEAN) 028 02 OF	

Clear/Cloudy:

Bore Hole Information

Bore Hole ID: DP2BR:	10032627 11	Elevation: Elevrc:	81.928474
Spatial Status:		Zone:	18
Code OB:	r	East83:	440385.7
Code OB Desc:	Bedrock	North83:	5024582
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/1/1949	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			

Overburden and Bedrock Materials Interval

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color:	931015337 2
General Color:	
Mat1:	08
Most Common Material: Mat2:	FINE SAND
Other Materials:	
Mat3:	
Other Materials: Formation Top Depth:	10
Formation End Depth:	11
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015340
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	60
Formation End Depth:	75
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015341
Layer:	6
Color:	6
General Color:	BROWN
Mat1:	26

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Commo	on Material:	ROCK			
Mat2:					
Other Materia Mat3:	ais:				
Other Materia	als:				
Formation To	op Depth:	75			
Formation E		115			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	931015339			
Layer:		4			
Color: General Colo		6 BROWN			
Mat1:	и.	26			
Most Commo	on Material:	ROCK			
Mat2: Other Materia	ale				
Mat3:	ui5.				
Other Materia					
Formation To		48			
Formation El		60 ft			
Formation E	nd Depth UOM:	п			
<u>Overburden</u> Materials Inte	and Bedrock erval				
Formation ID):	931015336			
Layer:		1			
Color: General Colo					
Mat1:	л.	05			
Most Commo	on Material:	CLAY			
Mat2:		09			
Other Materia Mat3:	als:	MEDIUM SAND			
Other Materia	als:				
Formation To		0			
Formation E		10			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	931015338			
Layer:		3			
Color: General Colo	Nr:	2 GREY			
General Cold Mat1:	л.	15			
Most Commo	on Material:	LIMESTONE			
Mat2:					
Other Materia	als:				
Mat3: Other Materia	als				
Formation To		11			
Formation E	nd Depth:	48			
Formation E	nd Depth UOM:	ft			

Method of Construction & Well Use

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	I
Method Cons	truction ID:				
	truction Code:	1			
lethod Cons		Cable Tool			
Other Method	Construction:				
Pipe Informat	ion				
Pipe ID:		10581197			
asing No: Comment:		1			
It Name:					
onstruction	<u>Record - Casing</u>				
asing ID:		930057831			
ayer:		2			
laterial:	Motorial	4 OPEN HOLE			
pen Hole or epth From:	maltidi.	OI LINHOLE			
epth To:		115			
asing Diame		4			
asing Diame		inch			
asing Depth	UOM:	ft			
onstruction	<u> Record - Casing</u>				
asing ID:		930057830			
ayer:		1			
laterial:	Motorial	1 STEEL			
pen Hole or epth From:	Materiai:	SIEEL			
epth To:		11			
asing Diame	ter:	4			
asing Diame	eter UOM:	inch			
asing Depth	UOM:	ft			
esults of We	ell Yield Testing				
ump Test ID	:	991510601			
ump Set At: tatic Level:		10			
inal Level Af	ter Pumping: d Pump Depth:	10			
umping Rate		4			
lowing Rate:					
ecommende	d Pump Rate:				
evels UOM:		ft			
ate UOM: /ator Stato A	fter Test Code:	GPM 1			
/ater State A /ater State A		1 CLEAR			
umping Test		1			
umping Dura	ation HR:	0			
umping Dura	ation MIN:	30			
lowing:		Ν			
/ater Details					
Vater ID:		933465627			
ayer: ayer:		1			
(ind Code: (ind:		4 MINERIAL			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ
Water Found Water Found		1:	110 ft			
<u>48</u>	1 of 1		SSE/217.7	81.9 / 1.93	ON	ww
Well ID:		150813	0			
Construction	n Date:	150015	0		Data Entry Status: Data Src:	1
Primary Wat		Domest	tic		Date Received:	11/26/1952
Sec. Water L		0			Selected Flag:	Yes
Final Well St		Water S	Supply		Abandonment Rec:	0705
Water Type: Casing Mate					Contractor: Form Version:	3725 1
Audit No:	ilai.				Owner:	1
Tag:					Street Name:	
Construction	n Method:				County:	OTTAWA-CARLETON
Elevation (m					Municipality:	OTTAWA CITY
Elevation Re					Site Info:	
Depth to Beo Well Depth:	drock:				Lot: Concession:	
Overburden/	/Bedrock [.]				Concession Name:	
Pump Rate:	Dearoon.				Easting NAD83:	
Static Water					Northing NAD83:	
Flowing (Y/N	<i>I):</i>				Zone:	
Flow Rate: Clear/Cloudy	y:				UTM Reliability:	
Bore Hole In	formation					
Bore Hole ID):	100301	73		Elevation:	81.606117
DP2BR:		8			Elevrc:	
Spatial Statu Code OB:	IS:	r			Zone: East83:	18 440475.7
Code OB.	SC'	r Bedrocl	k		North83:	5024582
Open Hole:		Boaloo	in a second s		Org CS:	0021002
Cluster Kind	l:				UTMRC:	9
Date Comple	eted:	7/28/19	52		UTMRC Desc:	unknown UTM
Remarks:					Location Method:	p9
Elevrc Desc: Location Sol						
Improvemen		Source.				
Improvemen						
Source Revi Supplier Cor		ent:				
<u>Overburden</u> <u>Materials Int</u>		<u>k</u>				
Formation ID	D:		931008901			
Layer: Color:			2 8			
General Colo	or:		BLACK			
Mat1:			15			
Most Comm	on Material:		LIMESTONE			
Mat2:	la la .					
Other Materi Mat3:	als:					
Mats: Other Materi	ials:					
Formation Te			8			
Formation E	nd Depth:		107			
Formation E		OM:	ft			
	originfo co		vironmental Risk Info	rmation Sonvia	200	Order No: 2020011424

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden Materials Inte	and Bedrock erval				
Formation ID):	931008900			
Layer:		1			
Color:					
General Colo	or:	05			
Mat1: Most Commo	on Matorial:	CLAY			
Mat2:	on waterial.	CLAT			
Other Materia	ale				
Mat3:	ais.				
Other Materia	als.				
Formation Te		0			
Formation E		8			
Formation E	nd Depth UOM:	ft			
<u>Method of Co</u> Use	onstruction & Well				
Method Cons	struction ID: struction Code:	1			
Method Cons		Cable Tool			
	d Construction:				
<u>Pipe Informa</u>	<u>ntion</u>				
Bine ID:		10578743			
Pipe ID: Casing No:		10578743			
Comment:		I			
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930053006			
Layer:		2			
Material:		4			
Open Hole o	r Material:	OPEN HOLE			
Depth From:					
Depth To:		107			
Casing Diam		4			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053005			
Layer:		1			
Material:					
Open Hole of					
Depth From:		_			
Depth To:		8			
Casing Diam		4			
Casing Diam Casing Dept	heter UOM: h UOM:	inch ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL	ח	991508138			
Pump Set At		001000100			
Static Level:		15			
	After Pumping:	20			
		-			

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Recommend Pumping Rate Flowing Rate Recommend Levels UOM: Rate UOM: Water State J Water State J Pumping Du Pumping Du Flowing:	te: ed Pump R After Test (After Test: st Method: ration HR:	Rate: Code:	8 ft GPM 1 CLEAR 1 0 30 N				
<u>Water Details</u>	<u>5</u>		022462520				
Water ID: Layer: Kind Code: Kind: Water Found Water Found		M:	933462528 1 1 FRESH 40 ft				
Water Details	<u>5</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found		M:	933462529 2 1 FRESH 80 ft				
<u>49</u>	1 of 1		SSE/219.2	81.9 / 1.93	ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	er Use: Ise: atus: rial: in Method:): liability: Irock: Bedrock: Bedrock: Level:):	1508134 Domesti 0 Water Si	c		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 4/3/1952 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	
<u>Bore Hole In</u> Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des	: s:	1003016 17 r Bedrock			Elevation: Elevrc: Zone: East83: North83:	81.010597 18 440510.7 5024592	

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		
Improvement	ted: 2/19/195 rce Date: Location Source: Location Method: ion Comment:	52		Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM p9	
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID Layer: Color: General Colo Mat1:		931008891 2 11				
Most Commo Mat2: Other Materia Mat3: Other Materia	nls:	GRAVEL				
Formation To Formation En Formation En		6 17 ft				
<u>Overburden a</u> Materials Inte						
Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia	r: n Material:	931008892 3 15 LIMESTONE				
Mat3: Other Materia Formation To Formation En Formation En	p Depth:	17 65 ft				
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3:	r: n Material: ıls:	931008890 1 02 TOPSOIL				
Other Materia Formation To Formation En Formation En	p Depth:	0 6 ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Col Use</u>	nstruction & Well				
Method Const	ruction ID:				
	ruction Code:	1			
Method Const	ruction: Construction:	Cable Tool			
Other Method	Construction.				
Pipe Informati	<u>ion</u>				
Pipe ID:		10578739			
Casing No:		1			
Comment:					
Alt Name:					
Construction	Record - Casing				
Casing ID:		930052997			
Layer:		1			
Material: Open Hole or	Material	1 STEEL			
Depth From:	material.	OTELL			
Depth To:		21			
Casing Diame		4			
Casing Diame		inch			
Casing Depth	001/1:	ft			
Construction	Record - Casing				
Casing ID:		930052998			
Layer:		2			
Material:	Matarial				
Open Hole or Depth From:	wateria:	OPEN HOLE			
Depth To:		65			
Casing Diame	ter:	4			
Casing Diame		inch			
Casing Depth	UOM:	ft			
Results of We	ll Yield Testing				
Pump Test ID:		991508134			
Pump Set At:					
Static Level:	tox Dumanin an	12			
Final Level Af	ter Pumping: d Pump Depth:				
Pumping Rate		4			
Flowing Rate:					
Recommende					
Levels UOM:		ft			
Rate UOM: Water State A	fter Test Code:	GPM 1			
Water State A		CLEAR			
Pumping Test		1			
Pumping Dura	ation HR:	0			
Pumping Dura		30			
Flowing:		Ν			

Water Details

Water ID:	933462524
Layer:	1

	Numbe Record		ection/ stance (m)	Elev/Diff (m)	Site		DE
Kind Code: Kind: Water Foun Water Foun		1 FRESH 40 M: ft	Η				
<u>50</u>	1 of 5	W/21	9.2	79.9 / -0.07	HOMESTEAD LANDH 2001 CARLING AVE OTTAWA ON K2A 3W		GEN
Generator I	Vo:	ON7030619			PO Box No:		
Status:	·	00.04			Country:		
Approval Yo Contam. Fa MHSW Faci SIC Code: SIC Descrip	cility: ility:	03,04			Choice of Contact: Co Admin: Phone No Admin:		
<u>50</u>	2 of 5	W/21	9.2	79.9 / -0.07	2001 Carling Ave Ottawa ON K2A 3W5		EHS
Order No:		20121030016			Nearest Intersection:		
Status:	_	C Curtan Danart			Municipality:	ON	
Report Type Report Date		Custom Report 05-NOV-12			Client Prov/State: Search Radius (km):	ON .25	
Date Receiv		30-OCT-12			X:	-75.763552	
Previous Si Lot/Building Additional I		:			Y:	45.373736	
<u>50</u>	3 of 5	W/21	9.2	79.9 / -0.07	2001 Carling Ave. Wes Ottawa ON	stbound lane	SPL
Ref No:	3 of 5	4371-A83RN4	9.2	79.9 / -0.07	Ottawa ON Discharger Report:	stbound lane	SPL
Ref No: Site No:		4371-A83RN4 NA	9.2	79.9 / -0.07	Ottawa ON Discharger Report: Material Group:	stbound lane	SPL
— Ref No: Site No: Incident Dt:		4371-A83RN4	9.2	79.9 / -0.07	Ottawa ON Discharger Report:	stbound lane	SPL
Ref No: Site No: Incident Dt: Year: Incident Ca	use:	4371-A83RN4 NA 2016/03/15	-	79.9 / -0.07	Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type:	stbound lane Unknown / N/A	SPL
Ref No: Site No: Incident Dt: Year: Incident Ca Incident Ev	use: ent:	4371-A83RN4 NA 2016/03/15 Collision/Accider	-	79.9 / -0.07	Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved:		SPL
Ref No: Site No: Incident Dt: Year: Incident Ca Incident Ev Contaminai	use: ent: nt Code:	4371-A83RN4 NA 2016/03/15	nt	79.9 / -0.07	Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type:		SPL
Ref No: Site No: Incident Dt: Year: Incident Ca Incident Ev Contaminai Contaminai Contaminai	use: ent: nt Code: nt Name: nt Limit 1:	4371-A83RN4 NA 2016/03/15 Collision/Accider 27	nt	79.9 / -0.07	Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office:	Unknown / N/A	SPL
Ref No: Site No: Incident Dt: Year: Incident Ca Incident Ev Contaminai Contaminai Contaminai Contaminai	use: ent: nt Code: nt Name: nt Limit 1: nit Freq 1:	4371-A83RN4 NA 2016/03/15 Collision/Accider 27	nt	79.9 / -0.07	Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	Unknown / N/A	SPL
Ref No: Site No: Incident Dt: Year: Incident Ca Incident Ev Contaminai Contaminai Contaminai Contaminai	use: ent: nt Code: nt Name: nt Limit 1: nit Freq 1: nt UN No 1:	4371-A83RN4 NA 2016/03/15 Collision/Accider 27	nt	79.9 / -0.07	Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office:	Unknown / N/A	SPL
Ref No: Site No: Incident Dt: Year: Incident Ca Contaminai Contaminai Contaminai Contaminai Contaminai Environmei Nature of In	use: ent: nt Code: nt Name: nt Limit 1: nt Limit 1: nt UN No 1: nt UN No 1: nt Impact:	4371-A83RN4 NA 2016/03/15 Collision/Accider 27	nt	79.9 / -0.07	Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot:	Unknown / N/A 2001 Carling Ave. Westbound lane	SPL
Ref No: Site No: Incident Dt: Year: Incident Ev Contamina Contamina Contamina Contamina Environme Nature of In Receiving N	use: ent: nt Code: nt Name: nt Limit 1: nit Freq 1: nt UN No 1: nt Impact: npact: Medium:	4371-A83RN4 NA 2016/03/15 Collision/Accider 27 COOLANT N.O.S	nt	79.9 / -0.07	Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site District Office: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot: Site Conc:	Unknown / N/A 2001 Carling Ave. Westbound lane	SPL
Ref No: Site No: Incident Dt: Year: Incident Ev Contaminan Contaminan Contaminan Contaminan Environmen Receiving M Receiving M	use: ent: nt Code: nt Name: nt Limit 1: nt Ereq 1: nt UN No 1: nt UN No 1: nt Impact: npact: Medium: Env:	4371-A83RN4 NA 2016/03/15 Collision/Accider 27	nt	79.9 / -0.07	Ottawa ON 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:	Unknown / N/A 2001 Carling Ave. Westbound lane	SPL
Ref No: Site No: Incident Dt: Year: Incident Ev Contaminal Contaminal Contaminal Contaminal Environmel Nature of In Receiving I Receiving E MOE Respo Dt MOE Arv	use: ent: ent: nt Name: nt Limit 1: nit Freq 1: nt UN No 1: nt UN No 1: nt Impact: npact: Medium: Env: onse: onse: vl on Scn:	4371-A83RN4 NA 2016/03/15 Collision/Accider 27 COOLANT N.O.S Surface Water No	nt	79.9 / -0.07	Ottawa ON 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 Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu:	Unknown / N/A 2001 Carling Ave. Westbound lane	SPL
Ref No: Site No: Incident Dt: Year: Incident Ev Contaminal Contaminal Contaminal Environmel Nature of In Receiving I Receiving I Receiving E MOE Respo	use: ent: ent: nt Code: nt Name: nt Limit 1: nit Freq 1: nt UN No 1: nt UN No 1: nt UN No 1: nt Impact: npact: Medium: Env: onse: vi on Scn: rted Dt:	4371-A83RN4 NA 2016/03/15 Collision/Accider 27 COOLANT N.O.S Surface Water	nt	79.9 / -0.07	Ottawa ON 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 Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum:	Unknown / N/A 2001 Carling Ave. Westbound lane Ottawa	SPL
Ref No: Site No: Incident Dt: Year: Incident Ev Contaminal Contaminal Contam Lin Contam Lin Contam Lin Receiving I Receiving I Receiving I Receiving I MOE Respo Dt MOE Arv	use: ent: ent: nt Code: nt Limit 1: nit Freq 1: nt UN No 1: nt UN No 1: nt Impact: mpact: Medium: Env: onse: onse: vi on Scn: rted Dt: nt Closed:	4371-A83RN4 NA 2016/03/15 Collision/Accider 27 COOLANT N.O.S Surface Water No 2016/03/15	nt S.	79.9 / -0.07	Ottawa ON 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 Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu:	Unknown / N/A 2001 Carling Ave. Westbound lane	SPL
Ref No: Site No: Incident Dt: Year: Incident Ca Incident Ev Contaminai Contam	use: ent: nt Code: nt Name: nt Limit 1: nt Freq 1: nt UN No 1: nt Impact: mpact: Medium: Env: onse: nt on Scn: ted Dt: nt Closed: ason: //District:	4371-A83RN4 NA 2016/03/15 Collision/Accider 27 COOLANT N.O.S Surface Water No 2016/03/15 Equipment Failur	nt S.	79.9 / -0.07	Ottawa ON 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:	Unknown / N/A 2001 Carling Ave. Westbound lane Ottawa	SPL
Ref No: Site No: Incident Dt: Year: Incident Ca Incident Ev Contamina Contam	use: ent: nt Code: nt Code: nt Limit 1: nt Freq 1: nt Freq 1: nt UN No 1: nt Impact: mpact: Medium: Env: onse: d on Scn: rted Dt: nt Closed: ason: //District: ef Meth: mmary:	4371-A83RN4 NA 2016/03/15 Collision/Accider 27 COOLANT N.O.S Surface Water No 2016/03/15 Equipment Failur OC Tra	nt S. re anspo Accider		Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Unknown / N/A 2001 Carling Ave. Westbound lane Ottawa	SPL

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Generator No Status: Approval Ye Contam. Fac MHSW Facili SIC Code: SIC Descript	ars: ility: ity:	ON299503 2015 No No 531310	-	OPERTY MANAG	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: GERS	Canada CO_OFFICIAL	
<u>Detail(s)</u>							
Waste Class Waste Class			145 PAINT/PIGMENT/	COATING RESID	UES		
Waste Class Waste Class			112 ACID WASTE - HI	EAVY METALS			
Waste Class Waste Class			122 ALKALINE WAST	ES - OTHER MET	ALS		
Waste Class Waste Class			213 PETROLEUM DIS	TILLATES			
<u>50</u>	5 of 5		W/219.2	79.9 / -0.07	Homestead Land Hol Holdings Ltd. 2001 Carling Avenue OTTAWA ON K2A 3W	dings Ltd. Homestead Land /5	GEN
Generator No Status: Approval Yea Contam. Fac MHSW Facili SIC Code: SIC Descript	ars: ility: ity:	ON635262 Registered As of Oct 2	i		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>							
Waste Class Waste Class			312 P Pathological waste	es			
<u>51</u>	1 of 1		W/219.2	79.9/-0.07	2001 Carling Ave Ottawa ON K2A3W5		EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	201801020 C Standard F 05-JAN-18 02-JAN-18	Report		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.763601 45.373746	
<u>52</u>	1 of 1		ENE/220.4	79.2 / -0.77	ON		WWIS
Well ID: Constructior Primary Wate Sec. Water U Final Well St	er Use: Ise:	1508788 Domestic 0 Water Sup	ply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	1 8/8/1951 Yes	

erisinfo.com | Environmental Risk Information Services

Order No: 20200114246

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Water Type: Casing Material Audit No: Tag: Construction M Elevation Relial Depth to Bedro Well Depth: Overburden/Be Pump Rate: Static Water Le Flowing (Y/N): Flow Rate: Clear/Cloudy:	lethod: bility: ck: drock:			Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	3725 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Infor	<u>mation</u>					
•	d: 7/20/195 e Date: ocation Source: ocation Method: n Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	78.908576 18 440630.7 5024872 9 unknown UTM p9	
<u>Overburden and</u> <u>Materials Interv</u>						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Materials Mat3: Other Materials Formation Top Formation End Formation End	: : Depth: Depth:	931010594 2 3 BLUE 17 SHALE 6 90 ft				
<u>Overburden and</u> <u>Materials Interv</u>						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Materials Mat3:	Material:	931010593 1 05 CLAY				

Other Materials: Formation Top I Formation End I Formation End I Formation End I Method of Cons Method Constru Method Constru Other Method Co Pipe Information Pipe ID: Casing No: Comment: Alt Name: Construction Re Casing ID: Layer:	Depth: Depth: Depth UOM: <u>truction & Well</u> action ID: action Code: action: onstruction:	0 6 ft 1 Cable Tool 10579392 1 930054276			
Formation End I Formation End I Formation End I Method of Constru Method Constru Method Constru Other Method Co Pipe Information Pipe ID: Casing No: Comment: Alt Name: Construction Re Casing ID: Layer:	Depth: Depth UOM: <u>truction & Well</u> action ID: action Code: action: onstruction:	6 ft 1 Cable Tool 10579392 1 930054276			
Formation End I <u>Method of Cons</u> <u>Use</u> Method Constru Method Constru Other Method Co Pipe Information Pipe ID: Casing No: Comment: Alt Name: <u>Construction Re</u> Casing ID: Layer:	Depth UOM: truction & Well action ID: action Code: action: onstruction:	ft 1 Cable Tool 10579392 1 930054276			
<u>Method of Cons</u> <u>Use</u> Method Constru Method Constru Other Method Co Pipe Information Pipe ID: Casing No: Comment: Alt Name: <u>Construction Re</u> Casing ID: Layer:	truction & Well action ID: action Code: action: onstruction:	1 Cable Tool 10579392 1 930054276			
<u>Use</u> Method Constru Method Constru Other Method Co Pipe Information Pipe ID: Casing No: Comment: Alt Name: Construction Re Casing ID: Layer:	nction ID: Inction Code: Inction: Inction:	Cable Tool 10579392 1 930054276			
Method Constru Method Constru Other Method Co Pipe ID: Casing No: Comment: Alt Name: Construction Re Casing ID: Layer:	iction Code: iction: onstruction: 1	Cable Tool 10579392 1 930054276			
Method Constru Other Method Co <u>Pipe Information</u> Pipe ID: Casing No: Comment: Alt Name: <u>Construction Re</u> Casing ID: Layer:	action: onstruction: 1	Cable Tool 10579392 1 930054276			
Other Method Co Pipe Information Pipe ID: Casing No: Comment: Alt Name: Construction Re Casing ID: Layer:	onstruction:	10579392 1 930054276			
Pipe ID: Casing No: Comment: Alt Name: <u>Construction Re</u> Casing ID: Layer:		1 930054276			
Pipe ID: Casing No: Comment: Alt Name: <u>Construction Re</u> Casing ID: Layer:		1 930054276			
Casing No: Comment: Alt Name: <u>Construction Re</u> Casing ID: Layer:	ecord - Casing	1 930054276			
Comment: Alt Name: <u>Construction Re</u> Casing ID: Layer:	ecord - Casing	930054276			
Alt Name: Construction Re Casing ID: Layer:	ecord - Casing				
Casing ID: Layer:	ecord - Casing				
Layer:					
		1			
Material: Open Hole or Ma	atorial	1 STEEL			
Depth From:	aterial:	SIEEL			
Depth To:		10			
Casing Diameter	r:	5			
Casing Diameter		inch			
Casing Depth U	ОМ:	ft			
Construction Re	ecord - Casing				
Casing ID:		930054277			
Layer:		2			
Material:		4			
Open Hole or Ma Depth From:	aterial:	OPEN HOLE			
Depth To:		90			
Casing Diameter	r:	5			
Casing Diameter		inch			
Casing Depth U	ОМ:	ft			
Results of Well	Yield Testing				
Pump Test ID:		991508788			
Pump Set At: Static Level:		15			
Static Levei: Final Level Aftei	r Pumpina:	25			
Recommended I		20			
Pumping Rate:					
Flowing Rate:					
Recommended	Pump Rate:				
Levels UOM:		ft			
Rate UOM:	Tool Or d	GPM			
Water State Afte					
Water State Afte Pumping Test M		CLEAR 1			
Pumping Test M Pumping Duration		I			
Pumping Duration					
Flowing:	iiiii ii	Ν			

	Number Record		Elev/Diff n) (m)	Site		DE
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found D Water Found D		933463462 1 FRESH 80 V: ft				
<u>53</u> 1	1 of 1	ESE/221.2	80.9 / 0.93	PETRO-CANADA 861 KILEEN AVENUE OTTAWA CITY ON	TANK TRUCK (CARGO)	SPL
Ref No:		81587		Discharger Report:		
Site No: Incident Dt:		2/6/1993		Material Group: Health/Env Conseq:		
Year: Incident Cause Incident Event: Contaminant C Contaminant N Contaminant L Contam Limit F	: Code: lame: imit 1: Freq 1:	PIPE/HOSE LEAK		Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code:		
Contaminant U Environment In Nature of Impa Receiving Med Receiving Env: MOE Response Dt MOE Arvl or	mpact: act: lium: : e:	NOT ANTICIPATED Soil contamination LAND		Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu:	20101	
MOE Reported	Dt:	2/6/1993		Site Map Datum:		
<i>Dt Document C Incident Reaso Site Name: Site County/Dis</i>	on:	ICE/FROST DAMAGE		SAC Action Class: Source Type:		
Site Geo Ref M Incident Summ Contaminant Q	nary:	PETRO-CANAD	A - 20L FURNACE (OIL TO LAND DURING DELI	VERY.	
<u>54</u> 1	1 of 1	SSE/224.5	81.9 / 1.93	ON		WWIS
Well ID:		1508139		Data Entry Status:		
Construction D Primary Water		Domestic		Data Src: Date Received:	1 11/26/1952	
Sec. Water Use	e:	0		Selected Flag:	Yes	
Final Well Statı Water Type:	us:	Water Supply		Abandonment Rec: Contractor:	3725	
Casing Materia Audit No:	al:			Form Version: Owner:	1	
Tag: Construction IV Elevation (m): Elevation Relia Depth to Bedro Well Depth:	ability: ock:			Street Name: County: Municipality: Site Info: Lot: Concession:	OTTAWA-CARLETON OTTAWA CITY	
Overburden/Be Pump Rate: Static Water Le Flowing (Y/N): Flow Rate:				Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		

Clear/Cloudy:

Bore Hole Information

Bore Hole ID: DP2BR:	10030174 10	Elevation: Elevrc:	81.843696
Spatial Status:		Zone:	18
Code OB:	r	East83:	440460.7
Code OB Desc:	Bedrock	North83:	5024572
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/6/1952	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			

Overburden and Bedrock Materials Interval

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931008902 1 8 BLACK 05 CLAY
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 10 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials:	931008903 2 8 BLACK 15 LIMESTONE
Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	10 110 ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Pipe Informa	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10578744 1			
Construction	Record - Casing				
Casing ID:		930053007			
.ayer:		1			
Material:	. Matavial	1 STEEL			
Open Hole o Depth From:		SIEEL			
Depth To:		20			
Casing Diam		4			
Casing Diam Casing Deptl		inch ft			
Construction	n Record - Casing				
Casing ID:		930053008			
Layer: Material:		2 4			
open Hole ol	r Material:	OPEN HOLE			
Depth From:					
Depth To:		110			
Casing Diam Casing Diam		4 inch			
Casing Dept		ft			
Results of W	ell Yield Testing				
Pump Test IL Pump Set At.		991508139			
Static Level:		15			
	fter Pumping:	18			
	ed Pump Depth:	0			
Pumping Rat Flowing Rate		8			
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:	After Test Code	GPM 1			
Water State A Water State A	After Test Code: After Test:	1 CLEAR			
Pumping Tes	st Method:	1			
Pumping Du	ration HR:	0			
Pumping Dui Flowing:	ration MIN:	30 N			
Water Details	5				
Water ID:		933462530			
Layer: Kind Code:		1			
Kind Code: Kind:		FRESH			
Water Found	Depth: Depth UOM:	90 ft			
55	1 of 1	E/225.7	80.6 / 0.62	850 RIDDELL AVENUE NORTH	HIN
				OTTAWA ON K2A 2V9	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
External File Fuel Occurre Date of Occu Fuel Type Inv Status Desc:	ence Type: irrence: volved:	FS INC 0807-03292 Pipeline Strike 6/24/2008 Natural Gas Completed - Causal	Analysis(End)			
Job Type Des Oper. Type Ir Service Intern Property Dan Fuel Life Cyc	nvolved: ruptions: nage:	Incident/Near-Miss C Construction Site (pi Yes Yes Transmission, Distrik	peline strike)		Meintenen Mar Desire	
Root Cause: Reported Det	tails:	Root Cause: Equipm Management:Yes			Maintenance:No Design:	No Training:No
Fuel Categor Occurrence T Affiliation: County Name Approx. Qua Nearby body Enter Draina Approx. Qua Environment	y: Type: e: nt. Rel: of water: ge Syst.: nt. Unit:	Gaseous Fuel Incident Industry Stakeholder Ottawa	r (Licensee/Regist	ration/Certificate Holder, Facili	ty Owner, etc.)	
<u>56</u>	1 of 6	WSW/227.0	80.9 / 0.93	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1G2		СА
Certificate #: Application \ Issue Date: Approval Typ Status: Application 1 Client Name: Client Addres Client City: Client Postal Project Desc Contaminant Emission Co	Year: be: Type: ss: Code: ription: 's:	3252-7JUJB4 2008 9/26/2008 Municipal and Privat Approved	e Sewage Works			
<u>56</u>	2 of 6	WSW/227.0	80.9 / 0.93	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1G2		СА
Certificate #: Application \ Issue Date: Approval Typ Status: Application 1 Client Name: Client Name: Client Addres Client City: Client Postal Project Desc. Contaminant Emission Co.	Year: pe: Type: ss: Code: ription: s:	3696-7SLNAB 2009 6/9/2009 Municipal and Privat Approved	e Sewage Works			

	Numbe Record		Elev/Diff) (m)	Site		D
<u>56</u>	3 of 6	WSW/227.0	80.9 / 0.93	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1G2		CA
Certificate #:	:	4683-7T3KKA				
Application	Year:	2009				
ssue Date:	n 01	6/17/2009 Municipal and Pr	vate Sewage Works			
Approval Tyµ Status:	pe:	Approved	vale Sewaye works			
Application 1	Туре:					
Client Name:						
Client Addre Client City:	ISS:					
Client Postal	l Code:					
Project Desc	•					
Contaminant Emission Co						
<u>56</u>	4 of 6	WSW/227.0	80.9 / 0.93	4042841 Canada Inc. 2000 Carling Ave		ECA
				Ottawa ON K2A 1P4		
Approval No.		3252-7JUJB4		MOE District:	Ottawa	
Approval Da Status:	te:	2008-09-26 Approved		City: Longitude:	-75.76338	
Record Type) :	ECA		Latitude:	45.373062	
Link Source:	:	IDS		Geometry X:		
SWP Area Na		Rideau Valley		Geometry Y:		
	pe:	ECA-IVIUNICIPAL				
			AND PRIVATE SE			
Approval Tyµ Project Type Address:			PRIVATE SEWAGI			
Project Type Address: Full Address	e: 6:	MUNICIPAL ANE 2000 Carling Ave	PRIVATE SEWAGI	EWORKS		
Project Type Address: Full Address	e: 6:	MUNICIPAL ANE 2000 Carling Ave	PRIVATE SEWAGI		7JMHA5-14.pdf	
Project Type Address: Full Address	e: 6:	MUNICIPAL ANE 2000 Carling Ave	PRIVATE SEWAGI	EWORKS	7JMHA5-14.pdf	ECA
Project Type Address: Full Address Full PDF Lini	9: 5: k: 5 of 6	MUNICIPAL ANE 2000 Carling Ave https://www.acce) PRIVATE SEWAGI	E WORKS gov.on.ca/instruments/7247- 4042841 Canada Inc. 2000 Carling Ave	7JMHA5-14.pdf	ECA
Project Type Address: Full Address Full PDF Lini <u>56</u> Approval No. Approval No.	9: 8: k: 5 of 6	MUNICIPAL ANE 2000 Carling Ave https://www.acce <i>WSW/227.0</i> 3696-7SLNAB 2009-06-09) PRIVATE SEWAGI	E WORKS gov.on.ca/instruments/7247- 4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City:	Ottawa	ECA
Project Type Address: Full Address Full PDF Lind <u>56</u> Approval No. Approval Dat Status:	e: k: 5 of 6 v: te:	MUNICIPAL ANE 2000 Carling Ave https://www.acce <i>WSW/227.0</i> 3696-7SLNAB 2009-06-09 Approved) PRIVATE SEWAGI	E WORKS gov.on.ca/instruments/7247- 4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude:	Ottawa -75.76338	ECA
Project Type Address: Full Address Full PDF Lind <u>56</u> Approval No. Approval Dat Status: Record Type	9: k: 5 of 6 v: te:	MUNICIPAL ANE 2000 Carling Ave https://www.acce <i>WSW/227.0</i> 3696-7SLNAB 2009-06-09 Approved ECA) PRIVATE SEWAGI	E WORKS gov.on.ca/instruments/7247- 4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude:	Ottawa	ECA
Project Type Address: Full Address Full PDF Lind <u>56</u> Approval No Approval Dat Status: Record Type Link Source:	2: k: 5 of 6 : : : :	MUNICIPAL ANE 2000 Carling Ave https://www.acce <i>WSW/227.0</i> 3696-7SLNAB 2009-06-09 Approved) PRIVATE SEWAGI	E WORKS gov.on.ca/instruments/7247- 4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude:	Ottawa -75.76338	ECA
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Full PDF Link:			https://www.access	environment.ene.	.gov.on.ca/instruments/4513	3-7T2NJD-14.pdf
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Borehole ID: OGF ID:		2155140	53		Inclin FLG: SP Status:	No Initial Entry
Status:					Surv Elev:	No
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Use:					Primary Name:	
Completion Da					Municipality:	
Static Water L		2.1			Lot:	
Primary Water					Township:	15 070105
Sec. Water Us		000			Latitude DD:	45.372135
Total Depth m. Depth Ref:	:	-999 Ground S	urfaco		Longitude DD: UTM Zone:	-75.759984 18
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Source List							
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Source Origin	nators:		Geological Surve	ey of Canada			
<u>58</u>	1 of 1		E/233.0	80.6 / 0.62	ON		ww
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction Elevation Reli Depth to Bedi Well Depth: Overburden/E Pump Rate: Static Water L Flowing (Y/N) Flow Rate: Clear/Cloudy:	r Use: se: htus: ial: Method: : iability: rock: Bedrock: Level: :	1508778 Domesti 0 Water S	c		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 3/18/1953 Yes 3718 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Info Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Dess Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Soun Improvement Improvement Source Revis Supplier Com	s: ted: rce Date: Location Location ion Comn	11/6/195 Source: Method:	ayer below top of t	pedrcok	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.871902 18 440650.7 5024737 5 margin of error : 100 m - 300 m p5	
<u>Overburden a</u> Materials Inte		<u>ck</u>					
Formation ID: Layer: Color: General Coloi Mat1:			931010570 3 2 GREY 15				

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Most Common N Mat2:	laterial:	LIMESTONE			
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Mat3:					
Other Materials:					
Formation Top D	epth:	6			
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Overburden and Materials Interva					
Formation ID:		931010571			
Layer:		4			
Color:		8			
General Color: Mat1:		BLACK			
Matt: Most Common N	laterial ·	17 SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top D		90			
Formation End D		115			
Formation End D	Depth UOM:	ft			
Overburden and Materials Interva					
Formation ID:		931010568			
Layer:		1			
Color:		6			
General Color: Mat1:		BROWN			
Most Common N	latorial:	09 MEDIUM SAND			
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Other Materials:					
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Other Materials:					
Formation Top D		0			
Formation End D		3			
Formation End D	eptn UOM:	ft			
Overburden and Materials Interva					
Formation ID:		931010572			
Layer:		5			
Color:					
General Color:		00			
Mat1: Most Common N	latorial:	09 MEDIUM SAND			
Most Common M Mat2:	aterial:	MEDIUM SAND			
Other Materials:		LIMESTONE			
Mat3:		0, 0, L			
Other Materials: Formation Top D	onth.	115			
Formation Top D Formation End D	epui. Denth:	140			
Formation End D	Depth UOM	ft			

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID	:	931010569			
Layer: Color:		2			
General Colo	r:				
Mat1:		05			
Most Commo	on Material:	CLAY			
Mat2:	-1	12 STONES			
Other Materia Mat3:	ais:	STONES			
Other Materia	als:				
Formation To		3			
Formation Er	nd Depth:	6			
Formation Er	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons					
Method Cons Method Cons	struction Code:	1 Cable Tool			
	d Construction:				
<u>Pipe Informa</u>	tion				
Pipe ID:		10579382			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		930054258			
Layer:		2			
Material: Open Hole or	· Material·	4 OPEN HOLE			
Depth From:	material.	OFENHOLE			
Depth To:		140			
Casing Diam		4			
Casing Diam		inch			
Casing Dept	1 UOM:	ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930054257			
Layer:		1			
Material: Open Hole or	Matarial	1 STEEL			
Depth From:		STEEL			
Depth To:		10			
Casing Diam	eter:	4			
Casing Diam	eter UOM:	inch			
Casing Depth	NUOM:	ft			
Results of W	ell Yield Testing				
Pump Test ID		991508778			
Pump Set At: Static Level:		10			
	fter Pumping:	25			
		-			
Pumping Rat	ed Pump Depth:	5			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate	e: led Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
	After Test Code:	1			
Water State		CLEAR			
Pumping Tes Pumping Du		1 1			
Pumping Du		0			
Flowing:		Ν			
Water Details	5				
Water ID:		933463449			
Layer:		3			
Kind Code:		1			
Kind:	Doméha	FRESH			
Water Found Water Found	Depth: Depth UOM:	110 ft			
Water Details	5				
Water ID:		933463447			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found		80			
water Found	Depth UOM:	ft			
Water Details	<u>s</u>				
Water ID:		933463448			
Layer:		2			
Kind Code:		1			
Kind: Water Found	I Donth:	FRESH 95			
	Depth UOM:	ft			
<u>59</u>	1 of 1	ESE/240.4	80.9 / 0.93	858 RIDDELLL AVENUE NORTH OTTAWA ON	HINC
				OTTAWA ON	
External File		FS INC 0808-04644			
Fuel Occurre Date of Occu		Pipeline Strike 8/11/2008			
Fuel Type In		Natural Gas			
Status Desc:		Completed - Causal	Analysis(End)		
Job Type De	sc:	Incident/Near-Miss	Occurrence (FS)		
Oper. Type II		Construction Site (p	ipeline strike)		
Service Inter		Yes			
Property Dan Fuel Life Cyc		Yes Transmission, Distri	bution and Trans	portation	
Root Cause:		Root Cause: Equipr	nent/Material/Con	nponent:No Procedures:No Maintenance:No Desig	n:No Training:No
Reported De	tails:	Management:Yes	numan Factors: Y		
Fuel Categor		Gaseous Fuel			
Occurrence :		Incident			
Affiliation:			r (Licensee/Regis	stration/Certificate Holder, Facility Owner, etc.)	
County Name		Ottawa			
Approx. Qua					
Nearby hody	ot water				
Nearby body Enter Draina					

	Record	r of Direction s Distance		Site		D
Environmenta	al Impact:					
<u>60</u>	1 of 1	ESE/244.2	80.9 / 0.93	873 Killeen Avenue, (ON	Ottawa	PIN
Incident ID:				Health Impact:		
Incident No:		831392		Environment Impact:		
Type: Status Code:		FS-Pipeline Incident Pipeline Damage Reaso	n Fet	Property Damage: Service Interupt:	Yes	
Fuel Occurre		Tipeline Damage Reas		Enforce Policy:	Yes	
Fuel Type:				Public Relation:		
Tank Status:		RC Established		Pipeline System:		
Task No:	0	3878486		Depth: Direc Materials		
Spills Action Method Detai		E-mail		Pipe Material: PSIG:		
Fuel Categor		Natural Gas		Attribute Category:	FS-Perform P-line Inc Invest	
Date of Occu				Regulator Location:		
Occurrence S	Start	2012/06/20		-		
Date:						
Operation Ty _l Pipeline Type						
Regulator Ty						
Summary:		873 Killeen Av	venue, Ottawa - 2" Pipe	eline Hit		
Reported By:		Shawn Clost	- Enbridge			
Affiliation:						
Occurrence D Damage Reas		Excavation or	actices not sufficient			
Notes:	5011.					
<u>61</u>	1 of 1	SE/245.8	81.9 / 1.93			wwi
				ON		
Well ID:		1508133		ON Data Entry Status:		
	Date:	1508133		ON Data Entry Status: Data Src:	1	
Construction		1508133 Domestic		Data Entry Status:	1 4/3/1952	
Construction Primary Wate Sec. Water Us	er Use: se:	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag:		
Construction Primary Wate Sec. Water Us Final Well Sta	er Use: se:	Domestic		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	4/3/1952 Yes	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type:	er Use: se: atus:	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	4/3/1952 Yes 3725	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater	er Use: se: atus:	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	4/3/1952 Yes	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No:	er Use: se: atus:	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	4/3/1952 Yes 3725	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction	er Use: se: atus: rial: Method:	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m)	er Use: se: atus: ial: Method: :	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	4/3/1952 Yes 3725 1	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel	er Use: se: atus: ial: Method: : iiability:	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed	er Use: se: atus: ial: Method: : iiability:	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth:	er Use: se: atus: ial: Method: : liability: rock:	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/H Pump Rate:	er Use: se: atus: ial: Method: : iability: rock: Bedrock:	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I	er Use: se: atus: ial: Method: : iability: rock: Bedrock: Level:	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N)	er Use: se: atus: ial: Method: : iability: rock: Bedrock: Level:	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON	
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy.	er Use: se: atus: ial: Method: : iiability: rock: Bedrock: Level:):	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/H Pump Rate Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy.	er Use: se: atus: ial: Method: : iability: rock: Bedrock: Level:): :	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy. Bore Hole Inf	er Use: se: atus: ial: Method: : iability: rock: Bedrock: Bedrock: Level:): : :	Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy. Bore Hole Inf Bore Hole ID: DP2BR:	er Use: se: atus: ial: iability: iability: rock: Bedrock: Bedrock: Level: : : :	Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: Elevation: Elevation:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY 81.219581	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy. Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status	er Use: se: atus: ial: iability: iability: rock: Bedrock: Bedrock: Level: : : :	Domestic 0 Water Supply 10030168 14		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: Elevation: Elevation: Elevrc: Zone:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY 81.219581 18	
Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy. Bore Hole Inf Bore Hole ID: DP2BR:	er Use: se: atus: ial: Method: : iability: rock: Bedrock: Bedrock: Level: : : : : :	Domestic 0 Water Supply 10030168		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: Elevation: Elevation:	4/3/1952 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY 81.219581	

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Order No: 20200114246

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Improvement	rce Date: Location Source: Location Method: ion Comment:	952		UTMRC: UTMRC Desc: Location Method:	9 unknown UTM p9	
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color: General Coloi		931008888 2				
Mat1: Most Commo Mat2: Other Materia Mat3:		11 GRAVEL				
Other Materia Formation To Formation En	p Depth:	6 14 ft				
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color: General Coloi		931008889 3				
Mat1: Most Commo Mat2: Other Materia	n Material:	15 LIMESTONE				
<i>Mat3:</i> Other Materia Formation To Formation En Formation En	p Depth:	14 100 ft				
<u>Overburden a</u> Materials Inte						
Formation ID: Layer: Color:		931008887 1				
General Color Mat1: Most Commo Mat2:	n Material:	02 TOPSOIL				
Other Materia Mat3: Other Materia Formation To	ls: p Depth:	0				
Formation En	d Depth: d Depth UOM:	6 ft				

Method of Construction & Well

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Cons	truction Code:	1 Cable Tool			
<u>Pipe Information Pipe Information Pipe Information Pipe Pipe Pipe Pipe Pipe Pipe Pipe Pipe</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10578738 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	eter: eter UOM:	930052996 2 4 OPEN HOLE 100 4 inch ft			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Depth Casing Depth	eter: eter UOM:	930052995 1 1 STEEL 21 4 inch ft			
Results of We	ell Yield Testing				
Recommende Pumping Rate Flowing Rate	fter Pumping: ed Pump Depth: e: : ed Pump Rate:	991508133 12 4 ft GPM			
	t Method: ation HR:	1 CLEAR 1 0 30 N			

Water Details

Water ID:	933462523
Layer:	1
Kind Code:	1

	Number Record	r of Direction/ s Distance (m	Elev/Diff) (m)	Site		DB
Kind: Water Foun Water Foun	nd Depth: nd Depth UOI	FRESH 40 M: ft				
<u>62</u>	1 of 1	ESE/246.5	80.9 / 0.93	Enbridge Gas Distrib 873 Killen Ave Ottawa ON	ution Inc.	SPL
Ref No:		7650-8VFL7A		Discharger Report:		
Site No: ncident Dt:	:	20-JUN-12		Material Group: Health/Env Conseq:		
<i>lear:</i> ncident Ca ncident Ev		Discharge or Emission to A	ir	Client Type: Sector Type: Agency Involved:		
Contaminal Contaminal Contaminal Contam Lin	nt Code: nt Name: nt Limit 1: mit Freq 1:	35 NATURAL GAS (METHANI	Ξ)	Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	873 Killen Ave	
Environme Nature of In	mpact:	Not Anticipated Air Pollution		Site Region: Site Municipality: Site Lot:	Ottawa	
Receiving I Receiving E MOE Respo Dt MOE Arv	Env: onse:	Sewage - Municipal/Private Not MOE mandate	and Commercial	Site Conc: Northing: Easting: Site Geo Ref Accu:		
MOE Repor		20-JUN-12 28-JUL-12		Site Map Datum: SAC Action Class:	TSSA - Fuel Safety Branch - Hy Release/Spill	drocarbon Fue
Site Name [.]		873 Killen Ave (R	esidential) <unoff< td=""><td>ICIAI ></td><td></td><td></td></unoff<>	ICIAI >		
Site County Site Geo Re Incident Su	y/District: ef Meth: ımmary:	TSSA: 2 inch mai	esidential) <unoff n damage,</unoff 	ICIAL>		
Site County Site Geo Re Incident Su	y/District: ef Meth: ımmary:			ICIAL> S. 21 1945 LAUDER STREE Ottawa ON K2A 1B2	T <unofficial></unofficial>	SPL
Site County Site Geo Re Incident Su Contaminal <u>63</u> Ref No: Site No:	y/District: ef Meth: ımmary: nt Qty: 1 of 1	TSSA: 2 inch mai <i>NW/247.6</i> 7686-5RFHUD	n damage,	S. 21 1945 LAUDER STREE Ottawa ON K2A 1B2 Discharger Report: Material Group:	e t<<i>unofficial></i> Oil	SPL
Site County Site Geo Re Incident Su Contaminal <u>63</u> <u>63</u> Ref No: Site No: Site No: Incident Dt: Year:	y/District: ef Meth: ummary: nt Qty: 1 of 1	TSSA: 2 inch mai	n damage, 77.9 / -2.07	S. 21 1945 LAUDER STREE Ottawa ON K2A 1B2 Discharger Report:		SPL
Site County Site Geo Re Incident Su Contaminal <u>63</u> Ref No: Site No: Incident Dt: Year: Incident Dt: Year: Incident Ca Incident Ev Contaminal	y/District: ef Meth: ummary: nt Qty: 1 of 1 1 of 1 : uuse: rent: nt Code:	TSSA: 2 inch mai NW/247.6 7686-5RFHUD 9/16/2003 Tank (Above Ground) Leak 13	n damage, 77.9 / -2.07	S. 21 1945 LAUDER STREE Ottawa ON K2A 1B2 Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse:	Oil	SPL
Site County Site Geo Re Incident Su Contaminal <u>63</u> Ref No: Site No: Incident Dt: Year: Incident Dt: Year: Incident Ev Contaminal Contaminal Contaminal Contaminal	y/District: ef Meth: ummary: nt Qty: 1 of 1 1 of 1 : uuse: rent: nt Code: nt Code: nt Name: nt Limit 1: mit Freq 1:	TSSA: 2 inch mai <i>NW/247.6</i> 7686-5RFHUD 9/16/2003 Tank (Above Ground) Leak	n damage, 77.9 / -2.07	S. 21 1945 LAUDER STREE Ottawa ON K2A 1B2 Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	Oil Other Ottawa	SPL
Site County Site Geo Re Incident Su Contaminal 63 Ref No: Site No: Incident Dt: Year: Incident Ev Contaminal Contaminal Contaminal Contaminal Contaminal Contaminal Contaminal Contaminal Receiving I Receiving I Receiving I Receiving I Receiving I	y/District: ef Meth: ummary: nt Qty: 1 of 1 1 of 1 of	TSSA: 2 inch mai NW/247.6 7686-5RFHUD 9/16/2003 Tank (Above Ground) Leak 13 FURNACE OIL Not Anticipated Groundwater Pollution; Soil Land & Water	n damage, 77.9 / -2.07	S. 21 1945 LAUDER STREE Ottawa ON K2A 1B2 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 Region: Site Region: Site Kunicipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu:	Oil Other	SPL
Ref No: Site No: Incident Dt: Vear: Incident Ca Incident Ev Contaminai Contaminai Contaminai	y/District: ef Meth: ummary: nt Qty: 1 of 1 1 of 1 of	TSSA: 2 inch mai NW/247.6 7686-5RFHUD 9/16/2003 Tank (Above Ground) Leak 13 FURNACE OIL Not Anticipated Groundwater Pollution; Soil Land & Water 9/16/2003 Unknown - Reason not dete	n damage, 77.9 / -2.07 Contamination	S. 21 1945 LAUDER STREE Ottawa ON K2A 1B2 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 Region: Site Region: Site Region: Site Region: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Oil Other Ottawa Eastern	SPL

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

Contaminant Qty:

other - see incident description

Unplottable Summary

Total: 17 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
СА	OTTAWA CITY	KILLEEN AVE.	OTTAWA CITY ON	
CA	City of Ottawa	Riddell Avenue Riddell Avenue from Carling Avenue to Garfield Avenue	Ottawa ON	
CA	Petro-Canada		Ottawa ON	
СА	City of Ottawa	Carling Avenue (Road allownce)	Ottawa ON	
CA	L.SIPOLINS	SOUTH OF CARLING AVE.	OTTAWA CITY ON	
CA	City of Ottawa	Carling Ave	Ottawa ON	
CA	City of Ottawa	Killeen Ave	Ottawa ON	
EBR	Northern Telecom Canada Limited, Ottawa Carling Campus	Carling Campus, City of Ottawa CITY OF OTTAWA	ON	
ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8
ECA	Petro-Canada Inc.		Ottawa ON	L6L 6N5
GEN	GVT OF CAN- HEALTH&WELFARE CAN.MED. 16-303	SER.BR,UNIT#25,RM B-16, CARLING AVE. K.W. NEATBY BLDG., C/O 301 ELGIN ST.	OTTAWA ON	K1A 0L3
SPL	OTTAWA TRANSIT	CARLING AVENUE BUS	OTTAWA ON	
SPL	HOTEL/MOTEL	CARLING AVENUE (N.O.S.)	OTTAWA CITY ON	
SPL	PETRO-CANADA	SERVICE STATION	OTTAWA CITY ON	
SPL		denied s. 21(1)	Ottawa ON	
SPL	City of Ottawa	Ebound Carling Ave in front of Campbell's Ford dealership	Ottawa ON	

Unplottable Report

Site: OTTAWA CITY KILLEEN AVE. OTTAWA CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

City of Ottawa Site:

Riddell Avenue Riddell Avenue from Carling Avenue to Garfield Avenue Ottawa ON

3-1184-86-

Approved

Municipal sewage

86 8/22/1986

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:**

Site: Petro-Canada Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:**

5607-79YMZ8 2008 2/12/2008 Industrial Sewage Works Approved

4531-73UHP5 2007 6/17/2007 Municipal and Private Sewage Works Approved

Site: City of Ottawa Database: CA Carling Avenue (Road allownce) Ottawa ON Certificate #: 3615-6QHRAR Application Year: 2006 erisinfo.com | Environmental Risk Information Services

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Order No: 20200114246

CA

Database: CA

Database:

Database: CA

Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6/13/2006 Municipal and Private Sewage Works Approved

7-1008-85-006

Municipal water

Approved

85 11/15/85

<u>Site:</u> L.SIPOLINS SOUTH OF CARLING AVE. OTTAWA CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

<u>Site:</u> City of Ottawa Carling Ave Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 2472-8GRQTN 2011 5/20/2011 Municipal and Private Sewage Works Approved

<u>Site:</u> City of Ottawa Killeen Ave Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client Postal Code: Project Description: Contaminants: Emission Control: 4171-7F4KG2 2008 6/2/2008 Municipal and Private Sewage Works Approved Database: CA

Database: CA

Database: CA

<u>Site:</u> Northern Telecom Canada Limited, Ottawa Carling Campus Carling Campus, City of Ottawa CITY OF OTTAWA ON



EBR Registry No: Ministry Ref No: Notice Type: Notice Stage: Notice Date: Proposal Date: Year:	IA8E0946 8411698 Instrument Decision 800472369 September 18, 1998 July 02, 1998 1998	Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:
Instrument Type: Off Instrument Name: Posted By:	(EPA s. 9) - Approval for d	ischarge into the natural environment other than water (i.e. Air)
Company Name: Site Address: Location Other: Proponent Name:	Northern Telecom Canada	I Limited, Ottawa Carling Campus
Proponent Address: Comment Period: URL:	P.O. Box 3511, Station 'C'	, Ottawa Ontario, K1Y 4H7
Site Location Details:		

Carling Campus, City of Ottawa CITY OF OTTAWA

<u>Site:</u> City of Otta Carling Ave	wa e Ottawa ON K2G 6J8		Database ECA
Approval No:	3723-9ATJC6	MOE District:	
Approval Date:	2013-08-30	City:	
Status:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
Link Source:	IDS	Geometry X:	
SWP Area Name:		Geometry Y:	
Approval Type:		ND PRIVATE SEWAGE WORKS	
Project Type:		RIVATE SEWAGE WORKS	
Address:	Carling Ave		
Full Address:			
Full PDF Link:	https://www.accesse	environment.ene.gov.on.ca/instruments/9325-9AMR2C-14.	pdf
Site: City of Otta	wa > Ottawa ON K2G 6J8		Database ECA
Approval No:	2472-8GRQTN	MOE District:	
ADDIOVALINO.		MOE DISUICI.	
	2011-05-20	City:	
Approval Date:	2011-05-20 Approved	City: Longitude:	
Approval Date: Status:	Approved	Longitude:	
Approval Date: Status: Record Type:	Approved ECA	Longitude: Latitude:	
Approval Date: Status: Record Type: Link Source:	Approved	Longitude: Latitude: Geometry X:	
Approval Date: Status: Record Type: Link Source: SWP Area Name:	Approved ECA IDS	Longitude: Latitude:	
Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type:	Approved ECA IDS ECA-MUNICIPAL A	Longitude: Latitude: Geometry X: Geometry Y:	
Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type:	Approved ECA IDS ECA-MUNICIPAL A MUNICIPAL AND P	Longitude: Latitude: Geometry X: Geometry Y: ND PRIVATE SEWAGE WORKS	
Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address:	Approved ECA IDS ECA-MUNICIPAL A	Longitude: Latitude: Geometry X: Geometry Y: ND PRIVATE SEWAGE WORKS	
Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:	Approved ECA IDS ECA-MUNICIPAL A MUNICIPAL AND P Carling Ave	Longitude: Latitude: Geometry X: Geometry Y: ND PRIVATE SEWAGE WORKS	odf
Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full Address: Full PDF Link: <u>Site:</u> Petro-Cana	Approved ECA IDS ECA-MUNICIPAL A MUNICIPAL AND P Carling Ave https://www.accesse	Longitude: Latitude: Geometry X: Geometry Y: ND PRIVATE SEWAGE WORKS RIVATE SEWAGE WORKS	odf Database ECA
Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full Address: Full PDF Link: <u>Site:</u> Petro-Cana	Approved ECA IDS ECA-MUNICIPAL A MUNICIPAL AND P Carling Ave https://www.accesse	Longitude: Latitude: Geometry X: Geometry Y: ND PRIVATE SEWAGE WORKS RIVATE SEWAGE WORKS	Database
Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full Address: Full PDF Link: <u>Site:</u> Petro-Cana Ottawa Ol	Approved ECA IDS ECA-MUNICIPAL A MUNICIPAL AND P Carling Ave https://www.accesse da Inc. N L6L 6N5	Longitude: Latitude: Geometry X: Geometry Y: ND PRIVATE SEWAGE WORKS RIVATE SEWAGE WORKS environment.ene.gov.on.ca/instruments/5823-8GCKK6-14.	Database
Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full Address: Full PDF Link: <u>Site:</u> Petro-Cana Ottawa O	Approved ECA IDS ECA-MUNICIPAL A MUNICIPAL AND P Carling Ave https://www.accesse da Inc. N L6L 6N5 4810-4UMJP8	Longitude: Latitude: Geometry X: Geometry Y: ND PRIVATE SEWAGE WORKS RIVATE SEWAGE WORKS environment.ene.gov.on.ca/instruments/5823-8GCKK6-14.p	Database
Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link: <u>Site:</u> Petro-Cana Ottawa Ol Approval No: Approval Date:	Approved ECA IDS ECA-MUNICIPAL A MUNICIPAL AND P Carling Ave https://www.accesse da Inc. N L6L 6N5 4810-4UMJP8 2001-03-12	Longitude: Latitude: Geometry X: Geometry Y: ND PRIVATE SEWAGE WORKS RIVATE SEWAGE WORKS environment.ene.gov.on.ca/instruments/5823-8GCKK6-14.p	Database
Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link: <u>Site:</u> Petro-Cana Ottawa Ol Approval No: Approval Date: Status:	Approved ECA IDS ECA-MUNICIPAL A MUNICIPAL AND P Carling Ave https://www.accesse da Inc. N L6L 6N5 4810-4UMJP8 2001-03-12 Approved	Longitude: Latitude: Geometry X: Geometry Y: ND PRIVATE SEWAGE WORKS RIVATE SEWAGE WORKS environment.ene.gov.on.ca/instruments/5823-8GCKK6-14.p MOE District: City: Longitude:	Database

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https://www.accessenvironment.ene.gov.on.ca/instruments/7825-4UCP9D-14.pdf

PO Box No: Country:

Choice of Contact: Co Admin: Phone No Admin:

<u>Site:</u> GVT OF CAN-HEALTH&WELFARE CAN.MED.16-303 SER.BR,UNIT#25,RM B-16, CARLING AVE. K.W. NEATBY BLDG., C/O 301 ELGIN ST. OTTAWA ON K1A 0L3

Database: GEN

Database: SPL

Generator No: Status:	ON00956	317
Approval Years: Contam. Facility: MHSW Facility:	92,93,94,	95,96,97
SIC Code: SIC Description:	8635	PUB. HEALTH CLINICS

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

<u>Site:</u> OTTAWA TRANSIT CARLING AVENUE BUS OTTAWA ON

Ref No:	187680	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/29/2000	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20107
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	WATER	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	PUBLIC WORKS, FIRE DEPARTMENT
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	· · · · · · · · · · · · · · · · · · ·
MOE Reported Dt:	9/29/2000	Site Map Datum:	
Dt Document Closed:	0,20,2000	SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC TRANSPO:DIESEL FUEL LEAK	FROM FUEL PUMP/LINE IN	TO SEWER-WORKS NOTIFIED
Contaminant Qty:			
containinant Qty.			

<u>Site:</u> HOTEL/MOTEL CARLING AVENUE (N.O.S.) OTTAWA CITY ON

Ref No:	84065	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/14/1993	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:	
Contaminant UN No 1:		Site Region:	

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Database:

SPL

CONFIRMED Site Municipality: 20101 Environment Impact: Nature of Impact: Soil contamination Site Lot: Receiving Medium: LAND Site Conc: Receiving Env: Northing: MOE Response: MCCR Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 4/14/1993 Site Map Datum: **Dt Document Closed:** SAC Action Class: CORROSION Incident Reason: Source Type: Site Name: Site County/District: Site Geo Ref Meth: EMBASSY WEST HOTEL: FUEL-CONTAMINATED SOIL FOUND BY UNDERGROUND TANK Incident Summary: Contaminant Qty:

<u>Site:</u> PETRO-CANADA SERVICE STATION OTTAWA CITY ON

Ref No: Site No:	30833	Discharger Report: Material Group:	
Incident Dt: Year:	2/12/1990	Health/Env Conseq: Client Type:	
Incident Cause: Incident Event:	OTHER CONTAINER LEAK	Sector Type: Agency Involved:	
Contaminant Code: Contaminant Name:		Nearest Watercourse: Site Address:	
Contaminant Limit 1: Contam Limit Freq 1:		Site District Office: Site Postal Code:	
Contaminant UN No 1: Environment Impact:	POSSIBLE	Site Region: Site Municipality:	20101
Nature of Impact: Receiving Medium:	Soil contamination LAND	Site Lot: Site Conc:	
Receiving Env: MOE Response: Dt MOE Arvl on Scn:		Northing: Easting: Site Geo Ref Accu:	
MOE Arvi on Sch: MOE Reported Dt: Dt Document Closed:	2/12/1990	Site Geo Ref Accu: Site Map Datum: SAC Action Class:	
Incident Reason: Site Name:	CORROSION	Source Type:	
Site County/District: Site Geo Ref Meth:			

PETRO CANADA SERVICE STN.FURANCE OIL LEAK.

<u>Site:</u>			Databas
denied s. 21(1)	Ottawa ON		SPL
Ref No:	3017-6BEK8K	Discharger Report:	0
Site No:		Material Group:	Oil
Incident Dt:	4/13/2005	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Tank (Above Ground) Leak	Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	FURNACE OIL	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/13/2005	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	M.C.B.S Fuel Safety; Spill to Land
Incident Reason:	Equipment Failure	Source Type:	

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Incident Summary:

Contaminant Qty:

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Order No: 20200114246

Database: SPL Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty: denied s. 21(1)

TSSA: furnace oil to soil

Site: City of Ottawa

Ebound Carling Ave in front of Campbell's Ford dealership Ottawa ON

Database: SPL

Ref No: Site No: Incident Dt: Year:	6113-7XUHSY	Discharger Report: Material Group: Health/Env Conseq: Client Type:	
Incident Cause:	Pipe Or Hose Leak	Sector Type:	Motor Vehicle
Incident Event:		Agency Involved:	
Contaminant Code:	27	Nearest Watercourse:	
Contaminant Name:	COOLANT N.O.S.	Site Address:	
Contaminant Limit 1:		Site District Office:	
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:	No Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	11/16/2009	Site Map Datum:	
Dt Document Closed:	11/24/2009	SAC Action Class:	Watercourse Spills
Incident Reason:	Other - Reason not otherwise defined	Source Type:	
Site Name:	Ebound Carling Ave in front of Campbell's Ford dealership <unofficial></unofficial>		
Site County/District:			
Site Geo Ref Meth: Incident Summary: Contaminant Qty:	OC Transpo: 10 L coolant to rd, cb. 10 L		

Order No: 20200114246

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: AAGR The MAAP Program maintains a database of abandoned pits and guarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.* Government Publication Date: Sept 2002*

Provincial Aggregate Inventory: AGR The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage. Government Publication Date: Up to Sep 2019

Provincial Abandoned Mine Information System: 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:

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:

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: 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-Jul 31, 2019

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

ANDR

AST

Provincial

Private

Private

Provincial

Provincial

BORE

164

Borehole:

CPU

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Drill Hole Database: DRI 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

Certificates of Property Use:

Government Publication Date: 1989-Nov 2019

Compliance and Convictions: Provincial

Government Publication Date: Dec 2012 - Nov 2019

distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes

listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information. Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or

(i.e. fractionation, solvent extraction, crystallization, etc.). Government Publication Date: 1999-Jul 31, 2019 **Compressed Natural Gas Stations:** Private CNG

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

Inventory of Coal Gasification Plants and Coal Tar Sites: 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*

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.

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) -Certificate of Property Use. Government Publication Date: 1994-Nov 30, 2019

company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2019

Certificates of Approval:

Dry Cleaning Facilities:

Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities. Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this

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*

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's

Provincial

Provincial

Provincial

Provincial

Federal

CA

CDRY

Order No: 20200114246

Provincial

EASR

EBR

Provincial

Provincial

Federal

Private

Federal

Provincial

Provincial

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Environmental Registry: 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

Government Publication Date: Oct 2011-Dec 31, 2019

local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases. Government Publication Date: 1994-Nov 30, 2019

operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose

Environmental Compliance Approval: **FCA** On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database. Government Publication Date: Oct 2011-Dec 31, 2019

Environmental Effects Monitoring: 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.

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location,

Profile" page. Government Publication Date: 1999-Oct 31, 2019

Environmental Issues Inventory System:

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:

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:

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1. 2011 - Dec 31. 2018

Environmental Activity and Sector Registry:

activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

EHS

FIIS

EMHE

EPAR

List of Expired Fuels Safety Facilities:

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.

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

Government Publication Date: Feb 28, 2017

Federal Convictions:

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:

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Government Publication Date: Jun 2000-Nov 2019

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

Government Publication Date: May 31, 2018

Fisheries & Oceans Fuel Tanks:

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation. Government Publication Date: 1964-Sep 2018

Fuel Storage Tank: **FST** List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information. Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May

1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. Government Publication Date: Feb 28, 2017

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*

Fuel Storage Tank - Historic:

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

Government Publication Date: 1986-Oct 31, 2019

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Provincial

EXP

FCON

FCS

Federal

Federal

FOFT

FSTH

Provincial

Federal

Provincial

Provincial

Order No: 20200114246

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

Government Publication Date: 2013-Dec 2017

Greenhouse Gas Emissions from Large Facilities:

TSSA Historic Incidents:

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*

Federal Indian & Northern Affairs Fuel Tanks: 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:

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status. Government Publication Date: Feb 28, 2019

Private Canadian Mine Locations: MINF 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: **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.

National Analysis of Trends in Emergencies System (NATES): 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*

Government Publication Date: 1846-Jan 2019

HINC

GHG

Provincial

Provincial

Provincial

Federal

Federal

Provincial

INC

LIMO

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Non-Compliance Reports:

limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2017

National Defense & Canadian Forces Fuel Tanks:

National Defence & Canadian Forces Waste Disposal Sites:

Government Publication Date: Up to May 2001* National Defense & Canadian Forces Spills:

prohibited any release of this database.

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

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable

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

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*

Federal National Energy Board Pipeline Incidents: **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.

the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release

Government Publication Date: 2008-Sep 30, 2019

National Energy Board Wells:

date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): 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.

National PCB Inventory: 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.

National Pollutant Release Inventory: 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

Provincial

Federal The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on

Federal

Federal

NDWD

NCPL

NDFT

NDSP

NEBP The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by

Federal

Federal

Federal

Federal

NPRI

NPCB

Government Publication Date: 1974-2003*

Government Publication Date: 1988-2008*



Order No: 20200114246

OGWE

OOGW

Provincial

Provincial

OPCB

Provincial

Private

PAP

PES

PINC

PRT

PTTW

Provincial

Provincial

Provincial The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage

Provincial

Oil and Gas Wells:

Government Publication Date: 1988-Aug 31, 2019

is updated on a monthly basis. More information is available at www.nickles.com.

geology/stratigraphy table information, plus all water table information is also provide for each well record.

Ontario Oil and Gas Wells:

Inventory of PCB Storage Sites:

Canadian Pulp and Paper:

Pesticide Register:

Pipeline Incidents:

Government Publication Date: 1800-Jun 2019

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

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

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

Orders: ORD This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures. Government Publication Date: 1994-Nov 30, 2019

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*

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides. Government Publication Date: 1988-Dec 2019

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness. Government Publication Date: Feb 28, 2017

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

Private and Retail Fuel Storage Tanks:

Authority (TSSA). Government Publication Date: 1989-1996*

Permit to Take Water:

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

Government Publication Date: 1994-Nov 30, 2019

Ontario Regulation 347 Waste Receivers Summary:

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data. Government Publication Date: 1986-2016

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-Nov 2019

Retail Fuel Storage Tanks:

or propane storage tanks.

Ontario Spills:

Record of Site Condition:

Scott's Manufacturing Directory:

Government Publication Date: 1999-Jul 31, 2019

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*

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

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. Government Publication Date: 1988-Jun 2019

Wastewater Discharger Registration Database: 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).

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*

Anderson's Storage Tanks:

171

Government Publication Date: 1990-Dec 31, 2017

Transport Canada Fuel Storage Tanks:

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type. Government Publication Date: 1970-Aug 2018

Provincial

RFC

RSC

RST

SCT

SPL

TANK

TCFT

Provincial

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

Private

Provincial

Provincial

Private

Federal

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Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: 2011-Dec 31, 2019

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

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

Government Publication Date: Feb 28, 2019

from this code requirement. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

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

Variances for Abandonment of Underground Storage Tanks:

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

Provincial

Provincial

Provincial

WWIS





VAR

WDS

WDSH

Provincial

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.

<u>Map Key:</u> 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.'

<u>Unplottables:</u> 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

Kelly Martinell, P.Eng.(NB)

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

Environmental Engineer

EDUCATION

Dalhousie University B.Eng., Environmental Engineering (Co-op), 2007 Saint Mary's University Dip.Eng., Environmental Engineering, 2004

MEMBERSHIPS & AWARDS

Association of Professional Engineers and Geoscientists of New Brunswick (P.Eng.)

EXPERIENCE

2020 – Present Paterson Group Inc. Consulting Engineers Geotechnical and Environmental Division Environmental Engineer

2007–2017 Dillon Consulting Limited Geoscience Practice Environmental Engineer

2006 Dillon Consulting Limited Site Contaminant Management Practice Environmental Engineering Student

2006

Public Works and Government Services Canada

Sustainable Development Initiatives, Office of Greening Government Operations Environmental Engineering Student

SELECTED LIST OF PROJECTS

Soil and Groundwater Management Programs at over 90 Oil and Gas Sites – Various locations in New Brunswick and Nova Scotia Environmental Site Assessments – Residential Sites, 5CDSB Gagetown, NB Phase I Environmental Site Assessments – Commercial Sites, NB LNAPL Mobility Assessments – Marine Terminal and 2 Bulk Plants in NB Fisheries and Oceans Canada Contaminated Sites Program – NB and PE CBSA Potable Water Monitoring Program – New Brunswick Remediation – Argentia, Newfoundland

Mark S. D'Arcy, P. Eng.

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

Associate and Supervisor of the Environmental Division Senior Environmental/Geotechnical Engineer

EDUCATION

Queen's University, B.A.Sc.Eng, 1991 Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group Professional Engineers of Ontario

EXPERIENCE

1991 to Present **Paterson Group Inc.** Associate and Senior Environmental/Geotechnical Engineer Environmental and Geotechnical Division Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island Agricultural Supply Facilities - Eastern Ontario Laboratory Facility – Edmonton (Alberta) Ottawa International Airport - Contaminant Migration Study - Ottawa Richmond Road Reconstruction - Ottawa Billings Hurdman Interconnect - Ottawa Bank Street Reconstruction - Ottawa Environmental Review - Various Laboratories across Canada - CFIA Dwyer Hill Training Centre - Ottawa Nortel Networks Environmental Monitoring - Carling Campus - Ottawa Remediation Program - Block D Lands - Kingston Investigation of former landfill sites - City of Ottawa Record of Site Condition for Railway Lands - North Bay Commercial Properties - Guelph and Brampton Brownfields Remediation - Alcan Site - Kingston Montreal Road Reconstruction - Ottawa Appleford Street Residential Development - Ottawa Remediation Program - Ottawa Train Yards Remediation Program - Bayshore and Heron Gate Gladstone Avenue Reconstruction - Ottawa Somerset Avenue West Reconstruction - Ottawa

Kelly Martinell, P.Eng.

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

Environmental Engineer

EDUCATION

Dalhousie University B.Eng., Environmental Engineering (Co-op), 2007 Saint Mary's University Dip.Eng., Environmental Engineering, 2004

MEMBERSHIPS & AWARDS

Professional Engineers of Ontario (P.Eng.)

EXPERIENCE

2020 – Present Paterson Group Inc. Consulting Engineers Geotechnical and Environmental Division Environmental Engineer

2007– 2017 Dillon Consulting Limited Geoscience Practice Environmental Engineer

2006 Dillon Consulting Limited Site Contaminant Management Practice Environmental Engineering Student

2006

Public Works and Government Services Canada Sustainable Development Initiatives, Office of Greening Government Operations Environmental Engineering Student

SELECTED LIST OF PROJECTS

Phase I & II Environmental Site Assessments – Residential and Commercial Sites – Ottawa (CSA Z768-01 and O.Reg. 269/11) Soil and Groundwater Management Programs at over 90 Oil and Gas Sites – Various locations in New Brunswick and Nova Scotia Environmental Site Assessments – Residential Sites, 5CDSB Gagetown, NB Phase I Environmental Site Assessments – Commercial Sites, NB LNAPL Mobility Assessments – Marine Terminal and 2 Bulk Plants in NB Fisheries and Oceans Canada Contaminated Sites Program – NB and PE CBSA Potable Water Monitoring Program – New Brunswick Remediation – Argentia, Newfoundland

Karyn Munch, P.ENG.

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

Intermediate Environmental Engineer

EDUCATION

Carleton University, B.Eng. 2002 Environmental Engineering

MEMBERSHIPS AND AWARDS

Professional Engineers of Ontario Ottawa Geotechnical Society

EXPERIENCE

2011-present Paterson Group Inc. Consulting Engineers Geotechnical and Environmental Division Intermediate Engineer

2009-2010 Department of Indian and Northern Affairs Contaminated Sites Division Environment Officer (PC-02)

2003 to 2009 **Paterson Group Inc.** Consulting Engineers Geotechnical and Environmental Division Intermediate Engineer

2002 to 2003 Dessau Soprin Inc. Consulting Engineers Environmental Division Junior Engineer

SELECT LIST OF PROJECTS

Billings-Hurdman Interconnect Watermain - Ottawa Telus Building Remediation - Ottawa Block D Lands Remediation and Redevelopment - Kingston Gladstone Avenue Reconstruction - Ottawa Lees Avenue Coal Tar Site - City of Ottawa Nortel Networks Environmental Monitoring Program 3W Zone Feedermain - Ottawa Bank Street Reconstruction - Ottawa Lees Avenue Remediation Program - Ottawa Colonnade Road North Development - Ottawa Montreal Road Reconstruction - Ottawa Designated Substance Surveys - Residential and Commercial Sites - Ottawa Phase I & II Environmental Site Assessments - Residential, Commercial and Industrial Sites -Ottawa (CSA Z768-01 and O.Reg 269/11) Brownfields Applications and Records of Site Condition - Residential and Commercial Redevelopment