



Phase One Environmental Site Assessment 37 Wildpine Court, Ottawa, Ontario

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Phase One Environmental Site Assessment

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Legal Notification

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Table of Contents

Legal Notification.....	i
List of Figures.....	vi
List of Appendices	vii
Executive Summary	viii
1.0 Introduction.....	1
1.1 Objective.....	1
1.2 Phase One Property Information.....	1
2.0 Scope of Investigation	2
3.0 Records Review	3
3.1 Phase One ESA Study Area Determination.....	3
3.2 First Developed Use Determination	3
3.3 Fire Insurance Plans.....	3
3.4 Chain of Title.....	3
3.5 Environmental Reports.....	3
3.6 Environmental Source Information	3
3.6.1 Ontario Ministry of the Environment, Conservation and Parks Records	3
3.6.2 Historical Land Use Inventory.....	4
3.6.3 Environmental Registry	4
3.6.4 Environmental Access.....	4
3.6.5 Hazardous Waste Information Network	5
3.6.6 Records of Site Condition	5
3.6.7 Coal Gasification Plants	5
3.6.8 PCB Storage Sites.....	5
3.6.9 Waste Disposal Sites.....	5
3.6.10 Street Directories	6
3.7 EcoLog ERIS Database Search	6
3.8 Physical Setting Sources	7
3.8.1 Aerial Photographs	7

3.8.2 Topography, Hydrology, Geology 7

3.8.3 Fill Materials 8

3.8.4 Water Bodies and Areas of Natural Significance 8

3.8.5 Well Records..... 8

3.9 Site Operating Records 8

4.0 Interviews 9

5.0 Site Reconnaissance 10

5.1 General Requirements..... 10

5.2 Specific Observations at the Phase One Property 10

5.2.1 Buildings and Structures 10

5.2.2 Site Utilities and Services..... 10

5.3 Storage Tanks 10

5.3.1 Underground Storage Tanks..... 10

5.3.2 Above Ground Storage Tanks 10

5.4 Chemical Storage Handling and Floor Condition 11

5.5 Areas of Stained Soil, Pavement or Stressed Vegetation 11

5.6 Fill and Debris 11

5.7 Air Emissions..... 11

5.8 Odours 11

5.9 Noise 11

5.10 Other Observations 11

5.11 Special Attention Items, Hazardous Building Materials and Designated Substances 11

5.11.1 Asbestos 11

5.11.2 Ozone Depleting Substances (ODSs) 12

5.11.3 Lead 12

5.11.4 Mercury 12

5.11.5 Polychlorinated Biphenyls (PCB) 12

5.11.6 Urea Formaldehyde Foam Insulation 13

5.11.7 Radon..... 13



5.11.8	Mould	13
5.12	Other Substances.....	14
5.13	Processing and Manufacturing Operations	14
5.14	Hazardous Materials Use and Storage.....	14
5.15	Vehicle and Equipment Maintenance Areas	14
5.16	Oil/Water Separators.....	14
5.17	Sewage and Wastewater Disposal.....	14
5.18	Solid Waste Generation, Storage & Disposal.....	14
5.19	Liquid Waste Generation, Storage & Disposal.....	14
5.20	Unidentified Substances	14
5.21	Hydraulic Lift Equipment	14
5.22	Mechanical Equipment.....	14
5.23	Abandoned and Existing Wells	14
5.24	Roads, Parking Facilities and Right of Ways	15
5.25	Adjacent and Surrounding Properties	15
5.26	Enhanced Investigation Property	15
5.27	Summary and Written Description of Investigation.....	15
6.0	Review and Evaluation of Information	16
6.1	Current and Past Uses	16
6.2	Potentially Contaminating Activity	16
6.3	Areas of Potential Environmental Concern	16
6.4	Phase One Conceptual Site Model	17
6.4.1	Buildings and Structures.....	17
6.4.2	Water Bodies and Groundwater Flow Direction	17
6.4.3	Areas of Natural Significance.....	17
6.4.4	Water Wells.....	17
6.4.5	Potentially Contaminating Activity.....	17
6.4.6	Areas of Potential Environmental Concern	17
6.4.7	Underground Utilities.....	18

6.4.8 Subsurface Stratigraphy 18

6.4.9 Uncertainty Analysis 18

7.0 Conclusions 19

8.0 References 20

9.0 Limitation of Liability, Scope of Report, and Third Party Reliance 21

10.0 Signatures 22

List of Figures

- Figure 1 – Site Location Plan
- Figure 2 – Conceptual Site Model – Phase One Study Area
- Figure 3 – Site Layout

List of Appendices

Appendix A: Qualifications of Assessors

Appendix B: Figures

Appendix C: Fire Insurance Plans, Title Search, Municipal Records & Provincial Records

Appendix D: EcoLog ERIS Report

Appendix E Aerial Photographs

Appendix F: Site Photographs

Executive Summary

EXP Services Inc. (EXP) was retained by Wildpine Trails Inc. to complete a Phase One Environmental Site Assessment (ESA) for the property located at 37 Wildpine Court, Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, there was an unoccupied, single-storey residence on the Phase One property.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Canadian Standards Association (CSA) Z768 guideline, as amended, in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Section 9 of this report.

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used to support a site plan application.

The most recent use of the property as defined by Ontario Regulation 153/04 was residential. The proposed use for the Phase One property is also residential, therefore a Record of Site Condition (RSC) is not required.

The Phase One property is located at the end of Wildpine Court and Ravenscroft Court, on the east side of Stittsville Main Street as shown in Figure 1. The Phase One property is roughly rectangular in shape with an area of approximately 2.05 hectares.

At the time of the investigation, the Phase One property was improved with a residential bungalow, Quonset hut and storage shed, all located at the southwest corner of the property. The remainder of the property consisted of woods and low-lying wetland area. Surrounding properties consist of residential and commercial properties to the north, east, south, and vacant wetland to the west. It is anticipated that groundwater flows in a northeast direction towards Poole Creek, which flows through a portion of the site along the east part of the Phase One property.

The legal description of the Phase One property is Part of Lot 24 Concession 11, Goulbourn. The property identification number (PIN) is 044590068. The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 427211 m E and 5012989 m N. The UTM coordinates are based on measurements from Google Earth Pro, published by the Google Limited Liability Company (LLC). The accuracy of the centroid is estimated to be less than 10 m.

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property was first developed with the current residence circa 1971. Prior to residential development, the consisted of agricultural land.

Poole Creek runs through the Phase One property near the east property line. The east part of the Phase One property also encompasses wetlands that comprise part of the floodplain of Poole Creek.

The following on-site potentially contaminating activities (PCA) were identified:

- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks (associated with a heating oil tank located in the basement of the house)
- PCA #30 – Importation of Fill Material of Unknown Quality (associated with the placement of fill in the south portion of the site)

The Following off-site PCA were identified:

- PCA #10 – Commercial Autobody Shops (service garage at 1300 Stittsville Main Street, 170 m west)
- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks (gas station at 1280 Stittsville Main Street, 100 m west)

- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used) (former dry cleaner at 1300 Stittsville Main Street, 170 m west)
- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used) (dry cleaner at 1250 Stittsville Main Street, 250 m northwest)

Based on the intervening distance and cross-gradient location from the Phase One property, none of the off-site PCAs identified in the Phase One study area are an environmental concern to the Phase One property.

The on-site PCA were determined to result in areas of potential environmental concern (APEC). The APEC and PCA are described below:

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1	Area near basement heating oil AST	PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	Benzene, Toluene, Ethylbenzene, Xylene (BTEX), petroleum hydrocarbons (PHC)	Soil and groundwater
APEC #2	South part of Phase One property	PCA #30 – Importation of Fill Material of Unknown Quality	On-Site	BTEX, PHC, polycyclic aromatic hydrocarbons (PAH)	Soil

The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

The Qualified Person who oversaw this work, Chris Kimmerly, P.Geo., recommends that a Phase Two ESA be conducted to address the PCA that may have adversely affected the APEC on the Phase One property.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.

1.0 Introduction

EXP Services Inc. (EXP) was retained by Wildpine Trails Inc. to complete a Phase One Environmental Site Assessment (ESA) for the property located at 37 Wildpine Court, Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, there was an unoccupied, single-storey residence on the Phase One property.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Canadian Standards Association (CSA) Z768 guideline, as amended, in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Section 9 of this report.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property, however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

1.1 Objective

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used to support a site plan application.

The most recent use of the property as defined by Ontario Regulation 153/04 was residential. The proposed use for the Phase One property is also residential, therefore a Record of Site Condition (RSC) is not required.

EXP personnel who conducted assessment work for this project included Leah Wells, P.Eng. and Chris Kimmerly, P.Geo. An outline of their qualifications is provided in Appendix A.

1.2 Phase One Property Information

The Phase One property is located at the end of Wildpine Court and Ravenscroft Court, on the east side of Stittsville Main Street as shown in Figure 1. The Phase One property is roughly rectangular in shape with an area of approximately 2.05 hectares.

At the time of the investigation, the Phase One property was improved with a residential bungalow, Quonset hut and storage shed, all located at the southwest corner of the property. The remainder of the property consisted of woods and low-lying wetland area. Surrounding properties consist of residential and commercial properties to the north, east, south, and vacant wetland to the west. It is anticipated that groundwater flows in a northeast direction towards Poole Creek, which flows through a portion of the site along the east part of the Phase One property.

The legal description of the Phase One property is Part of Lot 24 Concession 11, Goulbourn. The property identification number (PIN) is 044590068. The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 427211 m E and 5012989 m N. The UTM coordinates are based on measurements from Google Earth Pro, published by the Google Limited Liability Company (LLC). The accuracy of the centroid is estimated to be less than 10 m.

Authorization to proceed with this investigation was provided by Raad Akrawi on behalf of Wildpine Trails Inc. Contact information for Mr. Akrawi is 100-768 Boulevard St-Joseph, Gatineau, Quebec, J8Y 4B8.

The Phase One property site location and site layout are shown in Appendix B on Figure 1 and Figure 3, respectively.

2.0 Scope of Investigation

The scope of work for the Phase One ESA consisted of the following activities:

- Reviewing the historical occupancy of the Phase One property through the use of available archived and relevant municipal and business directories, fire insurance plans (FIPs), topographical maps, and aerial photographs;
- Reviewing municipal and provincial records to determine whether activities that have occurred within the Phase One study area pose a potential environmental concern to the Phase One property;
- Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Phase One property and surrounding properties within a 250-metre radius of the Phase One property;
- Reviewing available geological maps, well records and utility maps for the vicinity of the Phase One property;
- Obtaining a search of land title and assessment rolls for the Phase One property;
- Conducting at least one reconnaissance of the Phase One property and surrounding properties within a 250-metre radius of the Phase One property in order to identify the presence of actual and/or potential environmental contaminants or concerns of significance;
- Conducting interviews with designated representative(s) as a resource for current and historical information;
- Reviewing the current use of the Phase One property and any land use practices that may have impacted its environmental condition;
- Reviewing the current use of the surrounding properties and any land use practices that may have impacted the environmental condition of the Phase One property; and,
- Preparing a report to document the findings.

In completing the scope of work, EXP did not conduct any intrusive investigations, including sampling, analyses, or monitoring. EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others.

3.0 Records Review

3.1 Phase One ESA Study Area Determination

The Phase One study area comprises the Phase One property and surrounding properties wholly or partly within 250 metres of the property boundaries. The 250-metre radius was used to gain an understanding of the current and past uses of surrounding properties to determine whether such uses may have contributed to subsurface environmental impacts at the Phase One property.

According to the City of Ottawa GeoOttawa on-line mapping tool, the majority of the Phase One property is zoned R3XX [1046], residential third density zoning. The east part of the property is zoned O1, parks and open space zoning. Surrounding properties are zoned for residential and commercial uses, and parks and open space zoning and consist of residential and commercial development to the north, south and west, and vacant land to the east.

The Phase One study area is shown on Figure 2 in Appendix B.

3.2 First Developed Use Determination

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the phase One property was first developed with the current residence circa 1971. Prior to residential development, the Phase One property consisted of agricultural land.

3.3 Fire Insurance Plans

No fire insurance plans are available for the Phase One study area.

3.4 Chain of Title

A chain of title was requested from Read Abstracts Limited for the Phase One property. No response has been received.

Sufficient historical information is available for the property that is not anticipated that the chain of title will identify any potentially contaminating activities (PCA) on the Phase One property.

3.5 Environmental Reports

No previous environmental reports pertaining to the Phase One property were available for review.

3.6 Environmental Source Information

Information pertaining to the Phase One property was obtained by reviewing documents that are available to the public through municipal and provincial sources. EXP did not identify the need to contact any federal agencies.

Written responses from regulatory agencies and copies of documents obtained via searches are provided in Appendix C.

3.6.1 Ontario Ministry of the Environment, Conservation and Parks Records

On April 14, 2020, records pertaining to the site were requested from the Ministry of the Environment, Conservation and Parks (MECP) through the *Freedom of Information and Protection of Privacy Act* (FOI). A response was received from the MECP December 23, 2020. No records were located for the Phase One property.

3.6.2 Historical Land Use Inventory

On May 13, 2020, records pertaining to the site were requested from the City of Ottawa for the Historical Land Use Inventory (HLUI) through the *Municipal Freedom of Information and Protection of Privacy Act* (FOI). EXP received the HLUI database search on June 9, 2020. No activities were associated with the Phase One property.

Other activities identified within 250 m of the Phase One property include:

- The Phase One property is within 5 km of a waste management facilities located at 106 Westhunt Road, and 3.5 km if a waste management facility at 2301 Carp Road;
- 1250 Stittsville Main Street – dry cleaner
- 1280 Stittsville Main Street – gas station
- 1300 Stittsville Main Street – dry cleaner
- 1300 Stittsville Main Street – service garage

Thus, based on the review of the HLUI report, the PCAs have been identified in the Phase One study area:

- PCA #10 – Commercial Autobody Shops (service garage at 1300 Stittsville Main Street)
- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks (gas station at 1280 Stittsville Main Street)
- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used) (former dry cleaner at 1300 Stittsville Main Street)
- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used) (dry cleaner at 1250 Stittsville Main Street)

The address at 1250 Stittsville Main Street is associated with a strip mall. The building is located 250 m from the Phase One property. Due to the distance and cross-gradient location, these operations do not pose an environmental concern to the Phase One property.

The address at 1300 Main Street is also for a strip mall. The building is located 170 m west of the Phase One property. The gas station at 1280 Main Street is located 100 m west of the Phase One property. Due to the distance from the Phase One property neither of these operations are considered an environmental concern to the Phase One property.

The other activities identified in the HLUI were construction contractors, wholesale retailers of building materials, medical clinics, and a photo supply store. All of these records are unlikely to have significant quantities of chemicals on site and they were located at least 100 m from the Phase One property. As such, they are unlikely to pose an environmental concern to the Phase One property.

A copy of the request and response is provided in Appendix C.

3.6.3 Environmental Registry

On April 7, 2020, the MECP Environmental Registry website was searched for postings in the vicinity of the Phase One property. No records were found.

3.6.4 Environmental Access

On April 7, 2020, the MECP Environmental Access website was searched for postings within the Phase One study area. The following records were found:

- An Environmental Compliance Approval (ECA) was filed for Lot 24 Concession 11, 100 m north of the site, for construction of sanitary and storm sewers. Certificate 4714-4UUTU4 was issued to T. L. Properties IV Ltd. March 2001.
- An ECA was filed for Lot 24 Concession 11, 50 m north of the site, for the construction of a wet pond stormwater management facility discharging to Pool Creek. Certificate 8705-4NQHP3 was issued to T. L. Properties IV Ltd. September 2000. Certificate 3568-6DJPA4 replaced the previous certificate in July 2005.
- An ECA was filed for 10 Wildpine Court, 60 m southeast of the site, for a stormwater management facility, including and oil/grit separator discharging to the storm sewer. Certificate 3480-AQGHU5 was issued to Wildpine Residence Inc. August 2017.
- An ECA was filed for sanitary sewer construction on Hobin Street, 120 m southwest of the site. Certificate 0825-9KAPH3 was issued to Ferdinando DiNardo May 2014.
- Wildpine Residence Inc. registered 10 Wildpine Court, 60 m southeast of the site, on the EASR November 2017 for construction dewatering, approval number R-009-1110284124.

Based on the specifics of the ECAs and/or distance, none of the records reviewed pose an environmental concern to the Phase One property.

3.6.5 Hazardous Waste Information Network

On April 7, 2020, the MECP Hazardous Waste Information Network (HWIN) website was searched for registered waste generators within the Phase One study area. No records were found.

3.6.6 Records of Site Condition

On April 7, 2020, the MECP Brownfields Registry website was searched for postings of Records of Site Condition (RSC) within the Phase One study area. No records were found.

3.6.7 Coal Gasification Plants

Documents entitled *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario* prepared by the MECP and *Inventory of Coal Gasification Plant Waste Sites in Ontario* prepared by Intera Technologies Ltd. were reviewed. There were no coal gasification plants identified within the Phase One study area.

3.6.8 PCB Storage Sites

Documents entitled *National Inventory of PCBs in Use and PCB Wastes in Storage in Canada, 2003 Annual Report* prepared by Environment Canada and *Ontario Inventory of PCB Storage Sites* prepared by the MECP were reviewed. No records pertaining to PCB storage sites were identified within the Phase One study area.

3.6.9 Waste Disposal Sites

Documents entitled *Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario* prepared by Golder Associates Ltd. and *Waste Disposal Site Inventory* prepared by the MECP were reviewed. No former landfills or waste disposal sites were identified within the Phase One study area.

3.6.10 Street Directories

Records pertaining to the site were requested from the EcoLog Environmental Risk Information Services (or EcoLog ERIS) for the municipal street directories in the Phase One study area. EcoLog ERIS is an environmental database and information service provider.

As a result of the COVID-19 pandemic, the government has closed various institutions which limits EXP's ability to access government libraries and archives. As such the city directories available for review were not available at this time.

3.7 EcoLog ERIS Database Search

A search of provincial and federal databases for records pertaining to the Phase One property and properties within the Phase One study area was conducted by EcoLog ERIS. EXP has confirmed neither the completeness nor the accuracy of the records that were provided. A summary of the more significant findings is provided below. A copy of the EcoLog ERIS report is provided in Appendix D.

The following entries from the EcoLog ERIS report were reviewed and summarized below:

Location	Proximity to the Site	Description	Database	Environmental Concern to Site (Yes/No) & Rationale
1339 Main Street	90 m south	Medical offices, registered waste generator of pathological wastes and pharmaceuticals from 2010 to 2019.	GEN	No, it is likely that limited quantities of wastes are generated by medical offices and based on inferred direction of groundwater flow.
1280 Main Street North	100 m west	Underground tanks present at a gas station. 450 L of gasoline reported spilled at Texaco gas station in 1998.	EXP SPL	Yes, PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks
1251 Main Street	110 m north	Pharmacy, registered waste generator of pathological wastes from 2013 to 2018, 2030599 Ontario Ltd., registered waste generator of waste oils and sludges from 2018 to 2019. Medical offices, registered waste generator of pathological wastes in 2019.	GEN	No, it is likely that limited quantities of wastes are generated by these operations and based on distance from the Phase One property.
1300 Main Street	170 m west	Star Fashion Cleaners, registered waste generator of halogenated solvents from 1992 to 1998. Grocery Store, registered waste generator of light fuels from 2013 to 2014. Galaxy Photo, registered waste generator of pharmaceuticals and pathological wastes from 2000 to 2001, and 2015 to 2019,	GEN	Yes, PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used)

Based on the review of the EcoLog report, the following potentially contaminating activities (PCAs) were identified:

- 1280 Stittsville Main Street – Former retail service gasoline station located 100 m west of the site.
- 1300 Stittsville Main Street – Star Fashion Cleaners (dry cleaners) located 170 m west of the site.

Both of the PCAs identified in the EcoLog report are located potentially upgradient of the Phase One property, however based on the distance from the site, over 100m, they are not considered to pose an environmental concern to the Phase I property.

3.8 Physical Setting Sources

3.8.1 Aerial Photographs

Aerial photographs dated 1946, 1976, 1991, 1999, 2005, and 2019 were available for review on the City of Ottawa website. Aerial photographs dated prior to 1946 were not available for review. The following table summarizes the development and land use history of the Phase One property and adjacent properties as depicted on the reviewed aerial photographs. Copies of the aerial photographs are provided in Appendix E.

Year	Details
1946	The south part of the Phase One property consists of agricultural land. The north part of the Phase One property is wooded. Stittsville Main Street is visible to the west, with residential development present along it.
1976	The Phase One property is improved with a residential dwelling and Quonset hut located in the southwest corner of the site. Properties east and north of the site consist of vacant wooded land and wetland. Residential streets and development is present to the west and south of the Phase One property.
1991	The Phase One property is developed similarly to the 1976 aerial photo. Additional urban residential and commercial development has occurred west, south, and north of the property. Wildpine Court has been constructed south, the cul-de-sac ends on the Phase One property. A gas station has been constructed at 1280 Stittsville Main Street (100 m to the west).
1999	The Phase One property and surrounding properties are developed similarly to the 1991 aerial photograph. Residential development has occurred west adjacent to the Phase One property and Ravenscroft Crescent has been constructed. The gas station at 1280 Stittsville Main Street has been decommissioned.
2005	The Phase One property and surrounding properties are developed similarly to the 1999 aerial photograph. Additional commercial development (shopping plaza) has been constructed north adjacent to the Phase One property.
2019	The Phase One property and surrounding properties are developed similarly to the 2005 aerial photograph.

No additional PCAs were identified in the aerial photographs.

3.8.2 Topography, Hydrology, Geology

Bedrock and surficial geology were reviewed via the Google Earth applications published by the Ontario Ministry of Energy, Northern Development and Mines. The bedrock geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/bedrock-geology and was last modified on March 19, 2018. The surficial geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology and was last modified on May 23, 2017.

A review of geological maps revealed that, under any fill, the natural overburden deposits in the area is glacial till that would consist of clay, silt, sand, and gravel. Bedrock geology maps indicated limestone of the Bobcaygeon Formation. Based on well records, bedrock is expected approximately 3.5 to 7.5 mbgs.

The review of the topographic map indicated that the Phase One property and surrounding area slope to the east, towards the wetland east of the site. Given the topography at the site, groundwater is inferred to flow to the east towards Poole Creek. The northeast part of the Phase One property is a part of the Stittsville Wetland Complex.

3.8.3 Fill Materials

Since the north part of the Phase One property consists of low-lying wetland and the south part is significantly higher in elevation it is likely that fill materials are present on the Phase One property.

A geotechnical investigation completed by EXP determined that subsurface conditions at the site to generally consisted of silty sand with gravel fill extending to depths ranging from 0.9 m to 3.0 m, underlain by organic silty sand to sandy silt. The organic soils are underlain by sandy silt and by glacial till.

3.8.4 Water Bodies and Areas of Natural Significance

Poole Creek runs through the Phase One property near the east property line. The east part of the Phase One property also encompasses wetlands that comprise part of the floodplain of Poole Creek.

There are no Area of Natural Significance (ANSI) within the Phase One study area, according to the Ministry of Natural Resources and Forestry Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).

3.8.5 Well Records

The Ontario well records website (www.ontario.ca/map-well-records water wells) was accessed. The database identified 25 well records in the Phase One study area, 21 potable wells and 4 monitoring wells. A potable well record is present on the Phase One I property.

There are no oil, gas, or salt wells within the Phase One study area, according to the Oil, Gas & Salt Resources Library (maps.ogsrlibrary.com/wells/).

3.9 Site Operating Records

No site operating records were available for review.

4.0 Interviews

The purpose of interviews is to obtain information to assist in identifying areas of potential environmental concern and identify details of potentially contaminating activities or potential contaminant pathways, in, on or below the Phase One property.

As the Phase One property was vacant, there was no person available during the ESA who was knowledgeable about the history of the subject site. The exact owner of the property (City of Ottawa) could not be contacted.

Mr. Lance Martin, former owner of the property, was interviewed during the site visit May 14, 2020. Mr. Martin's family has owned the property since 1946. Prior to the construction of the existing residence in 1971, the site was formerly used for agricultural purposes. The house has been heated by oil since it was constructed. The current interior oil tank was updated 12 years ago. The house has private services. The septic tank is located on the west side of the house. The well is located off the southeast corner of the house. He indicated that significant amounts of fill were brought to site to level off the south part of the property but was unaware of any environmental issues with the fill quality.

Mr. Martin was unaware of any chemical spills or environmental concerns on the Phase One property.

5.0 Site Reconnaissance

5.1 General Requirements

On May 14, 2020, Ms. Leah Wells, of EXP conducted the Phase One property visit. The site visit was conducted in accordance with EXP's internal health and safety protocols and with the Ministry of Labour health and safety regulations. The purpose of the site visit was to assess the current conditions of the Phase One property.

The general environmental management and housekeeping practices at the Phase One property were reviewed as part of this assessment insofar as they could impact the environmental condition of the property; however, a detailed review of regulatory compliance issues was beyond the scope of EXP's investigation.

Observations of the subject property and surrounding properties were made. The site reconnaissance began at approximately 10:00 a.m. and lasted approximately 1 hour. The weather was approximately 18 °C and sunny. Adjacent properties were observed from within the grounds of the Phase One property, as well as publicly accessible areas. Photographs documenting the site visit are included in Appendix F.

5.2 Specific Observations at the Phase One Property

The south part of the Phase One property consists of manicured lawn and is improved with a residence, a shed, and a Quonset hut. The north part of the Phase One property is treed.

5.2.1 Buildings and Structures

At the time of the investigation, the Phase One property was improved with a single-storey residence, a small storage shed and a Quonset hut located in the southwest corner of the Phase One property. The residence is of stone, vinyl and brick construction and has a basement level. The residence is not currently occupied.

5.2.2 Site Utilities and Services

The Phase One property is serviced by a domestic water well and septic tank. The septic tank is located on the west side of the residence and the well is located off the southeast corner of the residence. Overhead hydro services are also present.

Municipal services have been installed along Wildpine Court and capped at the cul-de-sac to accommodate future development at the site

5.3 Storage Tanks

5.3.1 Underground Storage Tanks

No UST were observed on the Phase One property and there was no evidence of historical UST.

5.3.2 Above Ground Storage Tanks

EXP observed an above ground storage tank (AST) in the basement of the residence during the site reconnaissance. The residence has been heated using oil since it was built in 1971. The current oil AST was replaced 12 years ago. Both the tank and the concrete floor around the tank appeared to be in good condition. The former property owner was not aware of any spills or leaks occurring on the property.

The use of heating oil on the Phase One property is a PCA (PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks).

5.4 Chemical Storage Handling and Floor Condition

No chemicals are stored at the Phase One property.

5.5 Areas of Stained Soil, Pavement or Stressed Vegetation

No areas of significant staining of soil or pavement was observed on the Site at the time of EXP's site visit. Further, the vegetation on the Site did not appear to be stressed.

5.6 Fill and Debris

The ground surface elevation changes significantly across the site. The south part of the site is at a higher elevation, and slopes steeply downward towards both the north part of the site and the wetland east of the site. The former homeowner indicated that fill has been imported to the property (PCA #30 – Importation of Fill Material of Unknown Quality) but did not indicate it as a source of potential environmental concern.

5.7 Air Emissions

As the Phase One property was vacant, there was no evidence of air emissions.

5.8 Odours

No strong odours were present during the site visit.

5.9 Noise

No excessive noise was heard during the site visit.

5.10 Other Observations

There were no pits and lagoons, no railways or spurs and no unidentified substances observed on the Phase One property.

Surrounding properties within the Phase One study area are used for commercial purpose to the north and west and mixed use residential and commercial to the east and south of the Phase One property.

5.11 Special Attention Items, Hazardous Building Materials and Designated Substances

No buildings were present on the Phase One property. Therefore, there was no evidence of any special attention items, hazardous building materials or designated substances (asbestos, ozone depleting substances, lead, mercury, polychlorinated biphenyls (PCB), urea formaldehyde foam insulation, mould other special attention substances).

5.11.1 Asbestos

Asbestos-containing materials (ACM) are fibrous hydrated silicates and can be found in building materials as either "unbound" or "bound" asbestos. Friable asbestos refers to materials where the asbestos fibres can be separated from the material with which it is associated. Non-Friable asbestos refers to asbestos that is associated with a binding agent (such as tar or cement). Friable asbestos is commonly found in boiler and pipe insulation. Non-Friable asbestos is typically found in roofing tars, floor and ceiling tiles, and asbestos-containing cement.

ACM in the workplace are defined as a Designated Substance under the Ontario Occupational Health and Safety Act (OHSA). Under OHSA, persons in the workplace are required to be notified of the presence of ACMs once they are suspected to be present, and if there is a potential for workers to be exposed. The use of ACM was discontinued in Canada in the late 1970s/early 1980s, although non-friable asbestos can still be found in recently constructed buildings.

Based on the age of the building at the Phase One property ACM may be present.

5.11.2 Ozone Depleting Substances (ODSs)

Chlorofluorocarbons (CFC), often referred to as freons, ceased production in Canada in 1993 as a result of their ozone-depleting characteristics. Importation of CFCs into Canada ceased in 1997 and a total ban on their use is proposed for 2020. The use of these materials is still permitted in existing equipment, but equipment must be serviced by a licensed contractor such that CFCs are contained and not released to the environment during servicing or operation.

Maintenance of refrigerant containing equipment should continue to be completed by a licensed refrigeration contractor. The equipment should only be repaired, removed, or serviced by an appropriately licensed contractor.

5.11.3 Lead

Lead has frequently been used in oil-based paints, roofing materials, cornices, tank linings, electrical conduits and soft solders for tinplate and plumbing. The use of lead-based paints (LBPs) was phased out *circa* 1976. Paint that was produced or used between 1976 and 1980 may contain small amounts of lead. Paint that was produced or used prior to 1950 may contain higher levels of lead. The main concern regarding lead paint is its potential to become lead dust or chips either through deterioration and/or mechanical means (i.e., sanding, abrasion, etc.). Exposure to lead dust or chips occurs by ingestion or inhalation.

Based on the age of the building at the Phase One property LBPs may be present. The painted surfaces observed in the residence during EXP's site visit were observed to be in fair to good condition. The painted surfaces on the shed are flaking and in poor condition

5.11.4 Mercury

Mercury could be found in some batteries, light bulbs, old paints, thermostats, old mirrors, etc. Based on an investigation by Consumer and Corporate Affairs Canada, and an assessment of potential health risks by Health and Welfare Canada, in 1991 the decision was made to eliminate the use of mercury compounds in indoor latex paints. The Canadian Paint and Coatings Association (CPCA) supported the withdrawal and all Canadian manufacturers and formulators of the preservative voluntarily agreed to remove "interior uses" from their product labels.

Mercury-containing equipment was not observed during the Site visit. The interior painted surfaces observed during EXP's site visit were in good condition. No mercury-containing thermostats were observed in the building.

5.11.5 Polychlorinated Biphenyls (PCB)

The manufacture of PCB in North America was prohibited under the Toxic Substances Control Act (1977). Their use as a constituent of new products manufactured in or imported into Canada was prohibited by regulations in 1977 and 1980. As such, sites developed or significantly renovated after 1980 are unlikely to have PCB-containing equipment on the Phase One property. Potential equipment, which could contain PCB include fluorescent mercury and sodium vapour light ballasts, oil filled capacitors and transformers. Any electrical equipment containing PCB must be disposed of in accordance with Ontario Regulation 362 when it is removed from service. Ongoing operation of equipment containing PCB is permissible.

There was no evidence of PCB-containing equipment on the Phase One property.

5.11.6 Urea Formaldehyde Foam Insulation

Formaldehyde is a pungent, colourless gas commonly used in water solution as a preservative and disinfectant. It is also a basis for major plastics, including durable adhesives. It occurs naturally in the human body and in the outdoor environment. Formaldehyde is used to bond plywood, particleboard, carpets, and fabrics, and it contributes to "that new house smell."

Formaldehyde is also a by-product of combustion; it is found in tobacco smoke, vehicle exhaust and the fumes from furnaces, fireplaces and wood stoves. While small amounts of formaldehyde are harmless, it is an irritating and toxic gas in significant concentrations. Symptoms of overexposure to formaldehyde include irritation to eyes, nose, and throat; persistent cough and respiratory distress; skin irritation; nausea; headache; and dizziness.

Urea-formaldehyde foam insulation (UFFI) was developed in Europe in the 1950s as an improved means of insulating difficult-to-reach cavities in the walls. It is typically made at a construction site from a mixture of urea-formaldehyde resin, a foaming agent and compressed air. When the mixture is injected into the wall, urea and formaldehyde unite and "cure" into an insulating foam plastic.

During the 1970s, when concerns about energy efficiency led to efforts to improve building insulation in Canada, UFFI became an important insulation product for existing buildings. The further use of UFFI was banned in Canada in 1980.

No evidence of UFFI was observed during the site visit.

5.11.7 Radon

Radon is a colourless, odourless, radioactive gas that occurs naturally in the environment. It comes from the natural breakdown of uranium in soils and rocks. Exposure to high levels of radon increases the risk of developing lung cancer. This relationship has prompted concern that radon levels in some Canadian buildings may pose a health risk. Radon gas can move through small spaces in the soil and rock and seep into a building through cracks in concrete, sumps, joints, and basement drains. Concrete-block walls are particularly porous to radon and radon trapped in water from wells can be released into the air when the water is used.

Due to the potential health concerns associated with radon, Health Canada released a guideline in June 2007 for a maximum acceptable level of radon gas of 200 Becquerels per cubic metre (Bq/m³) where radon gas is present and the annual radon concentration exceeds 200 Bq/m³ in the normal occupancy area.

A radon gas assessment was beyond the scope of this Phase One ESA, and as such, radon gas was not assessed.

5.11.8 Mould

Mould is found in the natural environment and is required for the breakdown of plant debris such as leaves and wood. Mould spores are found in the air in both the indoor and outdoor environments. In order for mould to grow, a food source (i.e. gypsum wallboard, wallpaper, wood, etc.) and moist conditions are required. Mould can have an impact on human health depending on the species and concentration of the airborne mould spores. Health effects can include allergies and mucous membrane irritation.

Currently there are no regulations governing mould; however, there are several guidelines addressing mould assessments and abatement. At the moment, the industry standards include the Canadian Construction Association (CCA) document 82-2004 titled "mould guidelines for the Canadian construction industry" and the Environmental Abatement Council of Ontario (EACO) guidelines titled "EACO Mould Abatement Guidelines, Edition 3 (2015)."

It is important to note that the Ministry of Labour (MOL) has governed protecting workers under the Occupational Health and Safety Act, which states that employers are required to take every precaution reasonable to protect their workers. This includes protecting workers from mould within workplace buildings.

No evidence of significant water damage or mould growth were observed during the site visit.

5.12 Other Substances

No other special attention substances (such as acrylonitrile or isocyanates) were suspected to be present at the Phase One property at the time of site reconnaissance.

5.13 Processing and Manufacturing Operations

No processing or manufacturing operations were observed at the Phase One property.

5.14 Hazardous Materials Use and Storage

No hazardous materials are used or stored at the Phase One property.

5.15 Vehicle and Equipment Maintenance Areas

No equipment maintenance has occurred on the Phase One property.

5.16 Oil/Water Separators

No oil/water separators were present at the Phase One property.

5.17 Sewage and Wastewater Disposal

No sewage or wastewater is currently generated at the Phase One property. The septic tank is located on the west side of the residence.

5.18 Solid Waste Generation, Storage & Disposal

No solid wastes are currently generated on the Phase One property.

5.19 Liquid Waste Generation, Storage & Disposal

No liquid waste is generated at the Phase One property.

5.20 Unidentified Substances

No unidentified substances were observed on the Phase One property at the time of the site visit. No dumping or any other deleterious materials were identified.

5.21 Hydraulic Lift Equipment

No hydraulic equipment was observed at the Phase One property.

5.22 Mechanical Equipment

No mechanical equipment was present on the Phase One property.

5.23 Abandoned and Existing Wells

The Phase One property is serviced by a potable well located off the southeast corner of the residence. The surrounding properties are serviced by municipal water.

5.24 Roads, Parking Facilities and Right of Ways

Access to the Phase I property is from Wildpine Court.

5.25 Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and properties within 250 m of the Phase One property was conducted from publicly accessible areas to identify the occupants and document the uses and sources of potential environmental concerns that may impact the Phase One property.

The following land uses border the Phase One property:

- North: Commercial (restaurants, grocery store);
- East: Vacant wetland;
- West: Residential, commercial (retail, restaurants); and
- South: Residential, institutional (school).

5.26 Enhanced Investigation Property

Ontario Regulation 153/04 defines an enhanced investigation property as a “property that is used, or has ever been used, in whole or in part for an industrial use or any of the following commercial uses: a garage; a bulk liquid dispensing facility, including a gasoline outlet; or, for the operation of dry-cleaning equipment.”

Therefore, in accordance with Regulation 153/04, the property is not considered to be an enhanced investigation property.

5.27 Summary and Written Description of Investigation

Based on the findings of this investigation, the following PCAs have been identified on the Phase One property:

- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks (associated with a heating oil tank located in the basement of the house)
- PCA #30 – Importation of Fill Material of Unknown Quality (associated with the placement of fill in the south portion of the site)

6.0 Review and Evaluation of Information

6.1 Current and Past Uses

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the phase One property was first developed with the current residence circa 1971. Prior to residential development, the consisted of agricultural land.

6.2 Potentially Contaminating Activity

Ontario Regulation (O. Reg.) 153/04 defines a Potential Contaminating Activity (PCA) as one of fifty-nine (59) industrial operations set out in Table 2 of Schedule D that occurs or has occurred in the Phase One study area. The following PCA were identified:

- PCA #10 – Commercial Autobody Shops; 1300 Stittsville Main Street (located 170 m west of the Phase one property), former service garage;
- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks; 1280 Stittsville Main Street (located 100 m west of the Phase One property), former gas station;
- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks; 37 Wildpine Court (Phase One property), on-site heating oil AST;
- PCA #30 – Importation of Fill Material of Unknown Quality; 37 Wildpine Court (Phase One property), on-site fill material;
- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used), 1300 Stittsville Main Street (located 170 m west of the Phase one property), former dry cleaner;
- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used), 1250 Stittsville Main Street (located 250 m northwest of the Phase one property), dry cleaner;

No other PCAs that took place within the vicinity of the Phase One property (approximately 250 m radius) were identified.

6.3 Areas of Potential Environmental Concern

Ontario Regulation 153/04 defines an APEC as an area on a property where one or more contaminants are potentially present. Based on this Phase One ESA, the following APEC was identified:

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1	Area near basement heating oil AST	PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	Benzene, Toluene, Ethylbenzene, Xylene (BTEX), petroleum hydrocarbons (PHC)	Soil and groundwater
APEC #2	South part of Phase One property	PCA #30 – Importation of Fill Material of Unknown Quality	On-Site	BTEX, PHC, polycyclic aromatic hydrocarbons (PAH)	Soil

6.4 Phase One Conceptual Site Model

To develop a conceptual model for the Phase One property, the following physical characteristics and pathways were considered. A conceptual site model (CSM) showing the topography of the site, inferred groundwater flow, general site features, APEC, and PCA is shown in Figure 2.

6.4.1 Buildings and Structures

The residence is a single-storey, brick and vinyl clad building with a full basement. A small storage shed and Quonset hut are also present on the property. The residence is currently vacant.

6.4.2 Water Bodies and Groundwater Flow Direction

Poole Creek runs through the Phase One property near the east property line. The east part of the Phase One property also encompasses wetlands that comprise part of the floodplain of Poole Creek.

6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

6.4.4 Water Wells

There were 25 well records in the Phase One study area, 21 potable wells and 4 monitoring wells. A potable well record is present on the Phase One property.

6.4.5 Potentially Contaminating Activity

The following on-site PCA were identified:

- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks; 37 Wildpine Court (Phase One property), on-site heating oil AST;
- PCA #30 – Importation of Fill Material of Unknown Quality; 37 Wildpine Court (Phase One property), on-site fill material;

The Following off-site PCA were identified:

- PCA #10 – Commercial Autobody Shops; 1300 Stittsville Main Street (located 170 m west of the Phase one property), former service garage;
- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks; 1280 Stittsville Main Street (located 100 m west of the Phase One property), former gas station;
- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used), 1300 Stittsville Main Street (located 170 m west of the Phase one property), former dry cleaner;
- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used), 1250 Stittsville Main Street (located 250 m northwest of the Phase one property), dry cleaner;

6.4.6 Areas of Potential Environmental Concern

The following APEC were identified:

- APEC #1 – Area near heating oil AST (PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks)

- APEC #2 – South part of Phase One property (PCA #30 – Importation of Fill Material of Unknown Quality)

6.4.7 Underground Utilities

The Phase One property is serviced by a domestic water well and septic tank. The septic tank is located on the west side of the residence and the well is located off the southeast corner of the residence. Overhead hydro services are also present.

Municipal services have been installed along Wildpine Court and capped at the cul-de-sac to accommodate future development at the site

6.4.8 Subsurface Stratigraphy

Bedrock in the general area of the Phase One property consists of limestone of the Bobcaygeon Formation. Based on well records, bedrock is expected approximately 3.5 to 7.5 mbgs.

A geotechnical investigation completed by EXP determined that subsurface conditions at the site to generally consisted of silty sand with gravel fill extending to depths ranging from 0.9 m to 3.0 m, underlain by organic silty sand to sandy silt to depths ranging from 1.9 m to 4.1 m. The organic soils are underlain by sandy silt to depths of 5.1 m and 5.8 m, and by glacial till extending to termination depths/auger refusals depths of 2.0 m to 6.4 m.

6.4.9 Uncertainty Analysis

The CSM is a simplification of reality, which aims to provide a description and assessment of any areas where potentially contaminating activity that occurred within the Phase One study area may have adversely affected the Phase One property. All information collected during this investigation, including records, interviews, and site reconnaissance, has contributed to the formulation of the CSM.

Information was assessed for consistency, however EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others. All reasonable inquiries to obtain accessible information were made, as required by Schedule D, Table 1, Mandatory Requirements for Phase One Environmental Site Assessment Reports. The CSM reflects our best interpretation of the information that was available during this investigation.

7.0 Conclusions

EXP understands that the most recent use of the property is defined by Ontario Regulation 153/04 as commercial property use, and that the proposed use is residential.

In summary, the following areas of potential environmental concern (APEC) were identified:

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1	Area near basement heating oil AST	PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	Benzene, Toluene, Ethylbenzene, Xylene (BTEX), petroleum hydrocarbons (PHC)	Soil and groundwater
APEC #2	South part of Phase One property	PCA #30 – Importation of Fill Material of Unknown Quality	On-Site	BTEX, PHC, polycyclic aromatic hydrocarbons (PAH)	Soil

The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

The Qualified Person who oversaw this work, Chris Kimmerly, M.Sc., P.Geo., recommends that a Phase Two ESA be conducted to address the PCA that may have adversely affected the APEC on the Phase One property.

8.0 References

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9.0 Limitation of Liability, Scope of Report, and Third Party Reliance

Basis of Report

This report ("Report") is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of EXP may require re-evaluation. Where special concerns exist, or Wildpine Trails Inc. ("the Client") has special considerations or requirements, these should be disclosed to EXP to allow for additional or special investigations to be undertaken not otherwise within the scope of investigation conducted for the purpose of the Report.

Reliance on Information Provided

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to EXP by the Client and others. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by the Client. EXP has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information. Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to exp. If new information about the environmental conditions at the Site is found, the information should be provided to EXP so that it can be reviewed and revisions to the conclusions and/or recommendations can be made, if warranted.

Standard of Care

The Report has been prepared in a manner consistent with the degree of care and skill exercised by engineering consultants currently practicing under similar circumstances and locale. No other warranty, expressed or implied, is made. Unless specifically stated otherwise, the Report does not contain environmental consulting advice.

Complete Report

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment form part of the Report. This material includes, but is not limited to, the terms of reference given to EXP by the Client, communications between EXP and the Client, other reports, proposals or documents prepared by EXP for the Client in connection with the site described in the Report. In order to properly understand the suggestions, recommendations and opinions expressed in the Report, reference must be made to the Report in its entirety. EXP is not responsible for use by any party of portions of the Report.

Use of Report

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. No other party may use or rely upon the Report in whole or in part without the written consent of EXP. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. EXP is not responsible for damages suffered by any third party resulting from unauthorised use of the Report.

Report Format

Where EXP has submitted both electronic file and a hard copy of the Report, or any document forming part of the Report, only the signed and sealed hard copy shall be the original documents for record and working purposes. In the event of a dispute or discrepancy, the hard copy shall govern. Electronic files transmitted by EXP utilize specific software and hardware systems. EXP makes no representation about the compatibility of these files with the Client's current or future software and hardware systems. Regardless of format, the documents described herein are EXP's instruments of professional service and shall not be altered without the written consent of EXP.

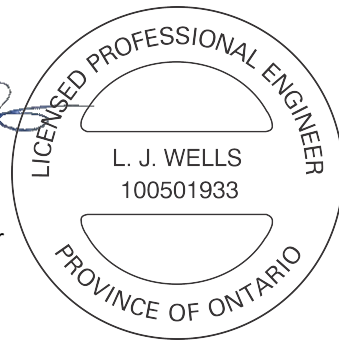
Wildpine Trails Inc.
Phase One Environmental Site Assessment
37 Wildpine Court, Ottawa, Ontario
OTT-002594116-A0
September 9, 2021

10.0 Signatures

We trust this report meets your current needs. If you have any questions pertaining to the investigation undertaken by EXP, please do not hesitate to contact the undersigned. The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.



Leah Wells, P.Eng.
Environmental Engineer
Earth and Environment



Chris Kimmerly, P. Geo.
Senior Project Manager
Earth and Environment

Appendix A: Qualifications of Assessors

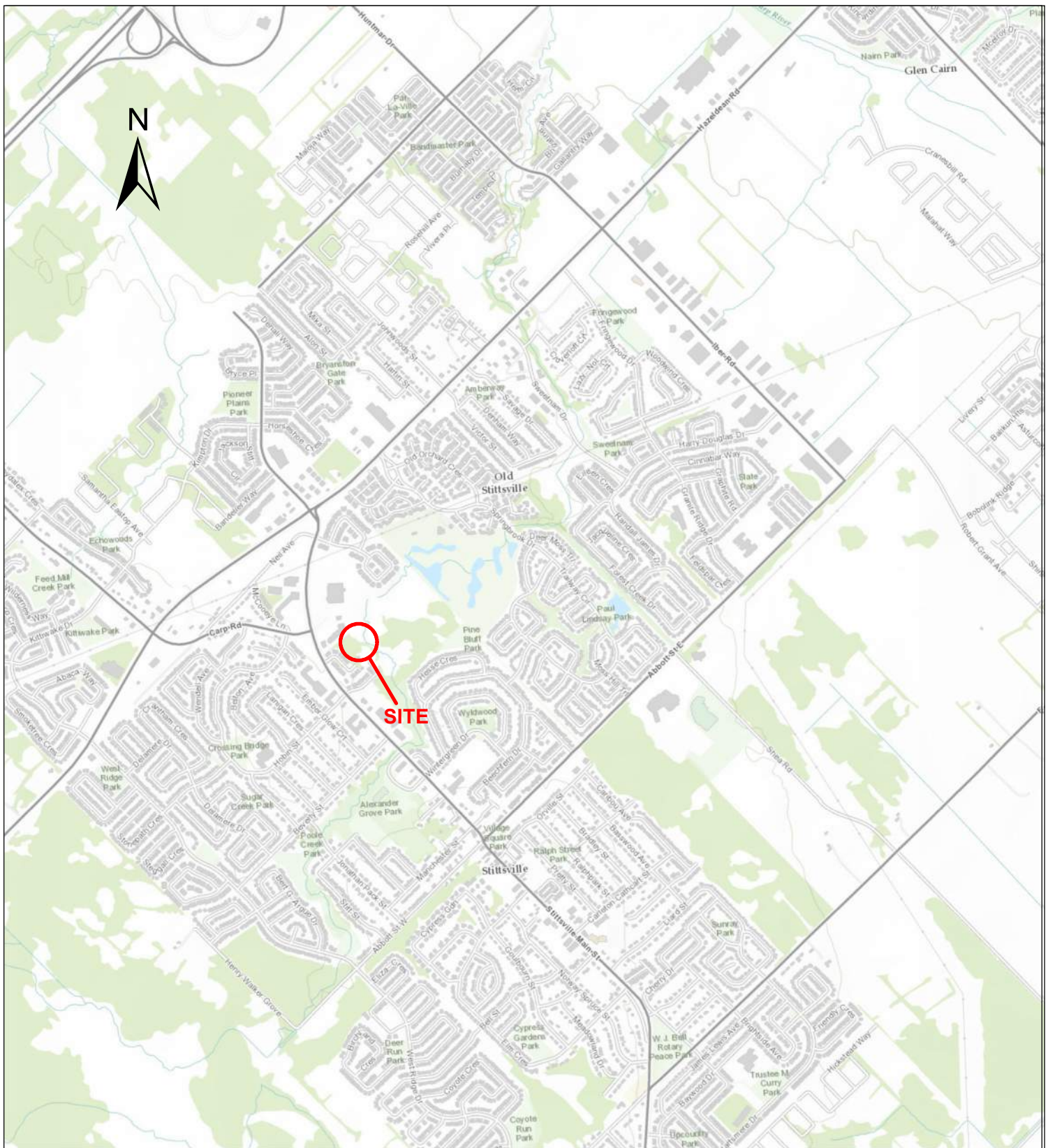
Qualifications of Assessors

EXP provides a full range of environmental services through a full-time Environmental Services Group. EXP's Earth and Environment Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with Ontario Ministry of the Environment, Conservation and Parks. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the EXP organization.

Chris Kimmerly, M.Sc., P.Geo., has more than 28 years of environmental consulting experience, 27 of which have been with EXP. A graduate of Brock University with a Master of Science Degree in Geological Science, His technical experience includes managing, coordinating, and conducting environmental site assessments; groundwater sampling programs; soil and groundwater remedial action and risk mitigation plans; mineral aggregate assessments; hydrogeological and terrain analysis assessments; designated substances and hazardous materials surveys.

Leah Wells, B.A.Sc., P.Eng. has four years of experience in the environmental consulting field. She has worked on numerous Phase I Environmental Site Assessments (ESA); Phase II ESAs, completing soil and groundwater sampling, soil vapour sampling, assisting in report preparation and data entry and analysis. She is licensed as a professional engineer in Ontario.

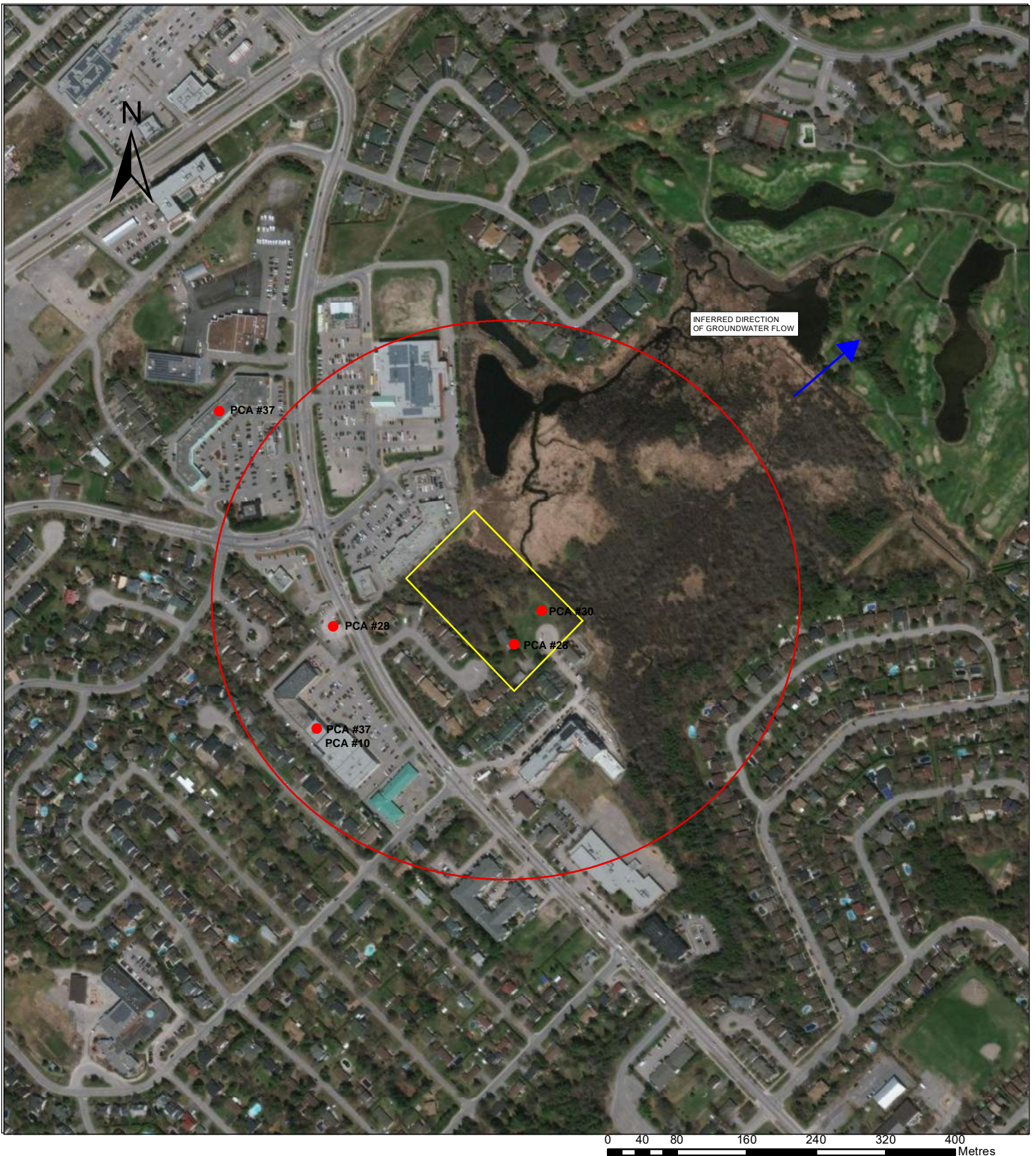
Appendix B: Figures



exp Services Inc.

100-2650 Queensview Drive
 Ottawa, Ontario
 K2B 8H6
 T - (613) - 688-1899
 F - (613) - 225-7337

DATE: April 2020	PROJECT TITLE: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 37 Wildpine Court, Ottawa, Ontario	PROJECT No.: OTT-00259416-A0
DESIGN: LW	CHECKED: CK	SCALE: AS SHOWN
DRAWN BY: LW	DRAWING TITLE: SITE LOCATION PLAN	FIG 1



LEGEND

- PHASE ONE STUDY AREA (250m)
- PHASE ONE PROPERTY BOUNDARY
- POTENTIALLY CONTAMINATING ACTIVITY (PCA)



exp Services Inc.

100-2650 Queensview Drive
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DATE: April 2020		PROJECT TITLE: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 37 Wildpine Court, Ottawa, Ontario	PROJECT No.: OTT-00259416-A0
DESIGN: LW	CHECKED: CK		SCALE: AS SHOWN
DRAWN BY: LW		DRAWING TITLE: PHASE ONE STUDY AREA	FIG 2



0 5 10 20 30 40 50 Metres

LEGEND

-  PROPERTY BOUNDARY
-  APEC #1
-  APEC #2



exp Services Inc.

100-2650 Queensview Drive
 Ottawa, Ontario
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 T - (613) - 688-1899
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DATE:	April 2020
DESIGN:	LW
CHECKED:	CK
DRAWN BY:	LW

PROJECT TITLE:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 37 Wildpine Court, Ottawa, Ontario
DRAWING TITLE:	POTENTIALLY CONTAMINATING ACTIVITIES (PCA) & AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)

PROJECT No.:	OTT-00259416-A0
SCALE:	AS SHOWN
	FIG 3

EXP Services Inc.
Wildpine Trails Inc.
Phase One Environmental Site Assessment
37 Wildpine Court, Ottawa, Ontario
OTT-002594116-A0
September 9, 2021

Appendix C: Fire Insurance Plans, Title Search, Municipal Records & Provincial Records

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

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

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

Bureau de l'accès à l'information et
de la protection de la vie privée
12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Télééc.: (416) 314-4285



December 23, 2020

Kathy Radisch
exp Services Inc
100 - 2650 Queensview Drive
Ottawa, ON K2B 8H6

Dear Kathy Radisch:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2020-02445, Your Reference OTT-00259416-A0

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 37 Wildpine Court, Stittsville.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement 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 hira.ashraf@ontario.ca.

Yours truly,

Noel Kent
Manager, Access and Privacy



File Number: D06-03-20-0076

June 9, 2020

Kathy Radisch
EXP Services Inc.
2650 Queensview Drive
Ottawa, ON
Sent via email

Dear Ms. Radisch,

**Re: Information Request
37 Wildpine Court, 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:

- The subject site is within 5 kilometres of a waste facility at 106 Westhunt Road; and,
- The subject site is within 3.5 kilometres of a waste facility at 2301 Carp Road.

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 are no activities 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 14 activities associated with properties located within 250m of the Subject Property: Activity Numbers 12478, 12779, 2863, 12482, 4228, 6649, 6817, 10965, 8256, 12778, 13189, 4851, 5563, and 6846.

*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
Télééc: (613) 560-6006
www.ottawa.ca

Please note that certain activities may 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 <http://www.ebr.gov.on.ca/ERS-WEB-External/> 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 key 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 Seana Turkington at 613-580-2424 ext. 27790 or HLUI@ottawa.ca

Sincerely,



Seana Turkington

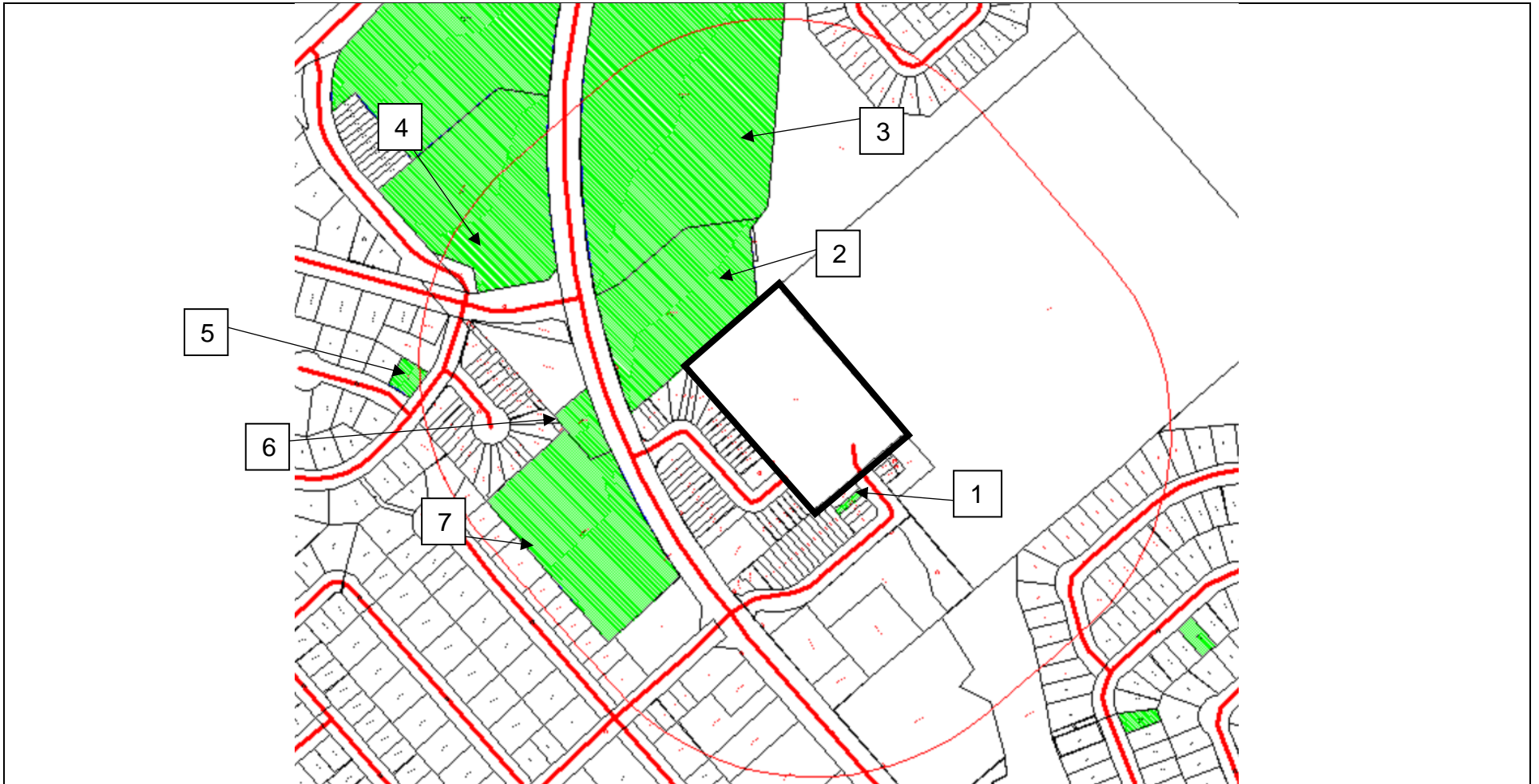
Per:

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

MB/ ST

Enclosures.

cc: File no. D06-03-20-0076



Scale 1: n/a

37 Wildpine Court
 Ottawa, ON
 File # D06-03-20-0076
 Seana Turkington



Overview

ID# = Area Number

 = Subject Site

Area	Associated HLUI Activities	HLUI Activities with a PIN Certainty of "2" *
Subject Property	There are no HLUI activities associated with the subject property.	
1	12478	
2	12779	
3	2863	
4	12482, 4228, 6649, 6817	
5	10965	
6	8256	
7	12778, 13189, 4851, 5563, 6846	

*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.



Historical Land Use Inventory

Subject Property

Activity Numbers



Historical Land Use Inventory

Area 1 Activity Numbers



CITY OF OTTAWA

HLUI ID: __679AXX

AREA (Square Metres): 200.384

Report: RPTC_OT_DEV0122

Run On: 03 Jun 2020 at: 14:26:02

Study Year
2005

PIN
044590066

Multi-NAIC
N

Multiple Activities
N

Activity ID: 12478 **Multiple PINS:** N

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

Related PINS: 044590066

Name: STITTSVILLE TILE & MARBLE

Address: 33 WILDPINE COURT,

Facility Type: Interior and Finishing Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
238340	0

Company Name

STITTSVILLE TILE & MARBLE

Year of Operation

c. 2001



Historical Land Use Inventory

Area 2 Activity Numbers



CITY OF OTTAWA

HLUI ID: __6790TE

AREA (Square Metres): 15631.623

Report: RPTC_OT_DEV0122

Run On: 03 Jun 2020 at: 14:27:49

Study Year
2005

PIN
044590396

Multi-NAIC
N

Multiple Activities
N

Activity ID: 12779 **Multiple PINS:** N

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

Related PINS: 044590396

Name: STITTSVILLE DECORATING CTR
Address: 1261 STITTSVILLE MAIN STREET,
Facility Type: Lumber and Building Materials, Wholesale
Comments 1: # 3
Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS **SIC**
444120 0

Company Name

STITTSVILLE DECORATING CTR

Year of Operation

c. 2005



Historical Land Use Inventory

Area 3 Activity Numbers



CITY OF OTTAWA

HLUI ID: __6790TD

AREA (Square Metres): 46407.407

Report: RPTC_OT_DEV0122

Run On: 03 Jun 2020 at: 14:31:34

Study Year
2005

PIN
044590395

Multi-NAIC
N

Multiple Activities
N

Activity ID: 2863 **Multiple PINS:** N

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

Related PINS: 044590395

Name: CARWELL CONSTRUCTION
Address: 1251 STITTSVILLE MAIN STREET,
Facility Type: Residential Building and Development
Comments 1:
Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS **SIC**
236110 0

Company Name

CARWELL CONSTRUCTION

Year of Operation

c. 2005



Historical Land Use Inventory

Area 4 Activity Numbers



CITY OF OTTAWA
HLUI ID: __670IOW
AREA (Square Metres): 20455.259

Report: RPTC_OT_DEV0122
Run On: 03 Jun 2020 at: 14:33:30

Study Year
1998

PIN
044590003

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 12482 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 044590003
Name: STITTSVILLE X-RAY CLINIC
Address: 1250 STITTSVILLE MAIN STREET,
Facility Type: Medical and Other Health Laboratories
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS **SIC**
621510 0

Company Name **Year of Operation**
STITTSVILLE X-RAY CLINIC c. 2005



CITY OF OTTAWA

HLUI ID: __670IOW

AREA (Square Metres): 20455.259

Report: RPTC_OT_DEV0122

Run On: 03 Jun 2020 at: 14:33:30

Study Year
1998

PIN
044590003

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 4228 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 044590003

Name: CROSSING BRIDGE VETERINARY CLINIC

Address: 1250 STITTSVILLE MAIN STREET, STITTSVILLE

Facility Type: Services Incidental to Livestock and Animal Specialties

Comments 1: Unit C#3

Comments 2:

Generator Number: ON8379287

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2003 PID

NAICS	SIC
541940	0

Company Name

Year of Operation

CROSSING BRIDGE VETERINARY CLINIC

c. 2003

CROSSING BRIDGE VETERINARY CLINIC

c. 2001



CITY OF OTTAWA

HLUI ID: __670IOW

AREA (Square Metres): 20455.259

Report: RPTC_OT_DEV0122

Run On: 03 Jun 2020 at: 14:33:30

Study Year
1998

PIN
044590003

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 6649 **Multiple PINS:** N

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

Related PINS: 044590003

Name: GWEV PUBLISHING

Address: 1250 STITTSVILLE MAIN STREET, STITTSVILLE

Facility Type: Combined Publishing and Printing Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
511130	0

Company Name

GWEV PUBLISHING

Year of Operation

c. 2001



Historical Land Use Inventory

Area 5 Activity Numbers



CITY OF OTTAWA

HLUI ID: __6799YO

AREA (Square Metres): 801.889

Report: RPTC_OT_DEV0122

Run On: 03 Jun 2020 at: 14:35:20

Study Year
2005

PIN
047530176

Multi-NAIC
N

Multiple Activities
N

Activity ID: 10965 **Multiple PINS:** N

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

Related PINS: 047530176

Name: PATRICK R MCGEE SALES INC.

Address: 1 KINTAIL COURT, STITTSVILLE

Facility Type: Office Furniture Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
337214	0

Company Name

PATRICK R MCGEE SALES INC.

Year of Operation

c. 2001



Historical Land Use Inventory

Area 6 Activity Numbers



Historical Land Use Inventory

Area 7 Activity Numbers



CITY OF OTTAWA

HLUI ID: __670INA

AREA (Square Metres): 17998.539

Report: RPTC_OT_DEV0122

Run On: 03 Jun 2020 at: 14:38:01

Study Year
1998

PIN
044570164

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 12778 **Multiple PINS:** Y

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

Related PINS: 044570164

Name: STITTSVILLE DECORATING CENTRE
Address: 1300 STITTSVILLE MAIN STREET, STITTSVILLE

Facility Type: Lumber and Building Materials, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS **SIC**
444120 0

Company Name

STITTSVILLE DECORATING CENTRE

Year of Operation

c. 2001



CITY OF OTTAWA

HLUI ID: __670INA

AREA (Square Metres): 17998.539

Report: RPTC_OT_DEV0122

Run On: 03 Jun 2020 at: 14:38:01

Study Year
1998

PIN
044570164

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 13189 Multiple PINS: Y
 PIN Certainty: 1 Previous Activity ID(s) : 4541
 Related PINS: 044570164
 Name: STAR FASHION CLEANERS
 Address: 1300 STITTSVILLE MAIN STREET, STITTSVILLE
 Facility Type: Laundries and Cleaners
 Comments 1:
 Comments 2:
 Generator Number:
 Storage Tanks:
 HL References 1: PID1994, GBD 1997, GGTBD 1998-1999; SC98
 HL References 2:
 HL References 3: 2001 Employment Survey

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

Company Name	Year of Operation
STAR FASHION CLEANERS	c. 2001
Star Fashion Cleaners	c. 1994-1999



CITY OF OTTAWA

HLUI ID: __670INA

AREA (Square Metres): 17998.539

Report: RPTC_OT_DEV0122

Run On: 03 Jun 2020 at: 14:38:01

Study Year
1998

PIN
044570164

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 5563 Multiple PINS: Y
 PIN Certainty: 1 Previous Activity ID(s) : 6339
 Related PINS: 044570164
 Name: GALAXY PHOTO & CAMERA CENTR
 Address: 1300 STITTSVILLE MAIN STREET, STITTSVILLE
 Facility Type: Camera and Photographic Supply Stores
 Comments 1:
 Comments 2:
 Generator Number:
 Storage Tanks:
 HL References 1: GBD 1997, GGTBD 1998/99
 HL References 2:
 HL References 3: 2001 Employment Survey

NAICS	SIC
812921	282
323120	282
812922	657
443130	657
812922	0

Company Name	Year of Operation
Galaxy Photo and Camera Centre	c. 1997-1999
GALAXY PHOTO & CAMERA CENTR	c. 2001



CITY OF OTTAWA

HLUI ID: __670INA

AREA (Square Metres): 17998.539

Report: RPTC_OT_DEV0122

Run On: 03 Jun 2020 at: 14:38:01

Study Year
1998

PIN
044570164

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 6846 Multiple PINS: Y

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 044570164

Name: HOLITZNER HOMES LIMITED
Address: 1300 STITTSVILLE MAIN STREET, STITTSVILLE
Facility Type: Residential Building and Development

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS SIC
236110 0

Company Name

HOLITZNER HOMES LIMITED

Year of Operation

c. 2001



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Sunita

Site Address:

37 Wildpine Court Stittsville Ont

Project No:

20200409065

Opta Order ID:

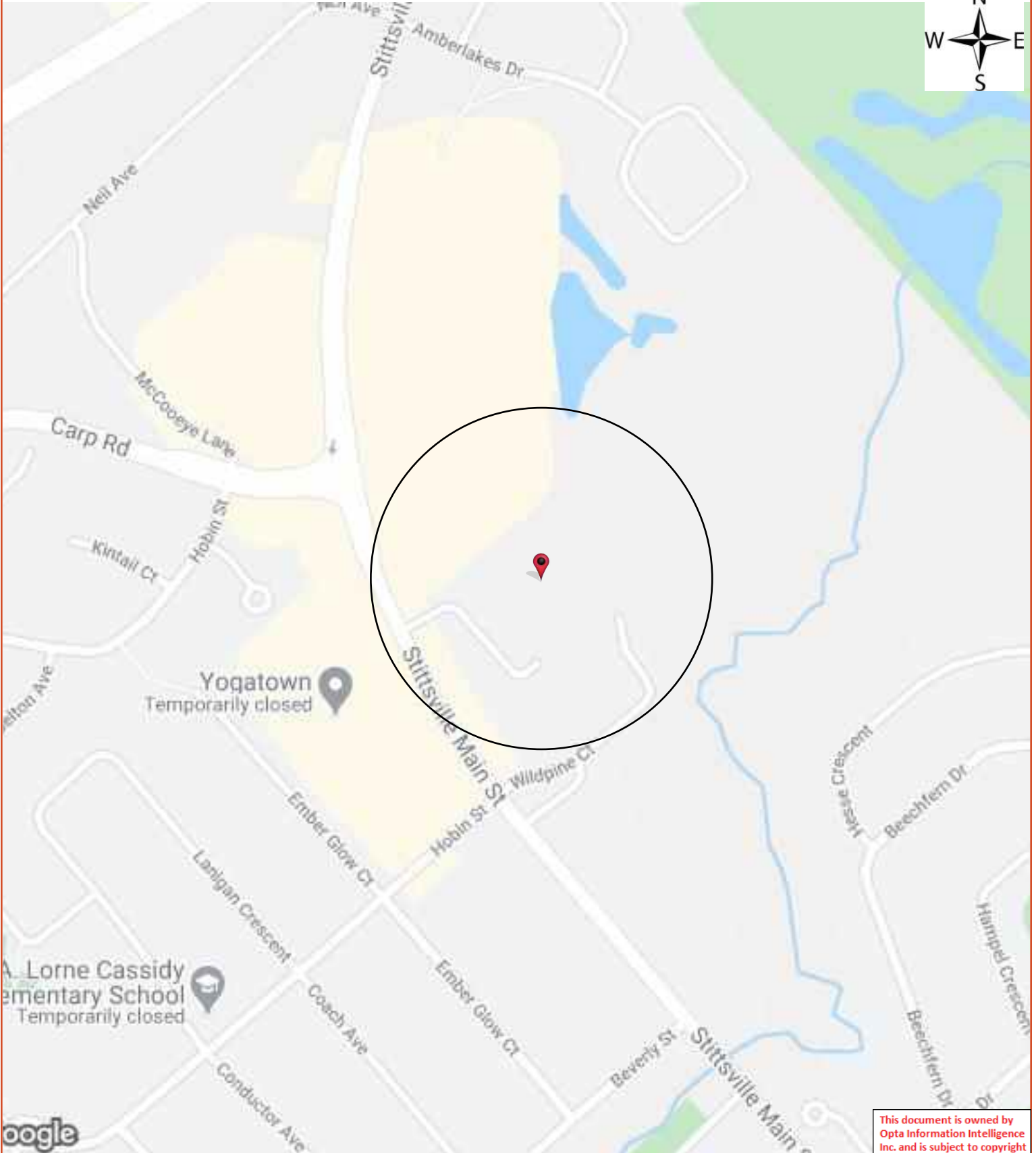
73067

Requested by:

Eleanor Goolab
ERIS

Date Completed:

4/17/2020 7:29:56 AM



Opta Historical Environmental Services EnviroscanTM Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

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

Governing Document

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

Law

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

Page: 4

Project Name: Phase I ESA 37
Wildpine Court

Project #: 20200409065
P.O. #: OTT00259416A0

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab

Date Completed: 04/17/2020 07:29:56



OPTA INFORMATION INTELLIGENCE

No Records Found

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full Terms and Conditions at
the front of this document.



316/54. "A"

UTM 182 427105 E
5R 5012535 N
Elev. 4R 0400
Basin 25



The Well Drillers Act
Department of Mines, Province of Ontario

RECEIVED 15
67 FEB - 3 1954
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

No. 2837

Water Well Record STITTSVILLE

~~Coleton~~ (Village, Town or City) Goulbourn
~~Stittsville~~ (Town or City) Stittsville Ont.

Date Completed 6 (day) Oct (month) 1953 (year) Cost of Well (excluding pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4 inch
Length(s) of casing(s) 28 feet
Type of screen N.O.
Length of screen 11
Distance from top of screen to ground level

Date Oct 6 1953
Static level 12 feet
Pumping level 15
Pumping rate 200 gal. per hr.
Duration of test 26 minutes
Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) soft
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? household
How far is well from possible source of contamination? 100 ft.
What is the source of contamination? out door closet
Enclose a copy of any mineral analysis that has been made of water

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
<u>55 ft</u>	<u>fresh</u>	<u>43</u>

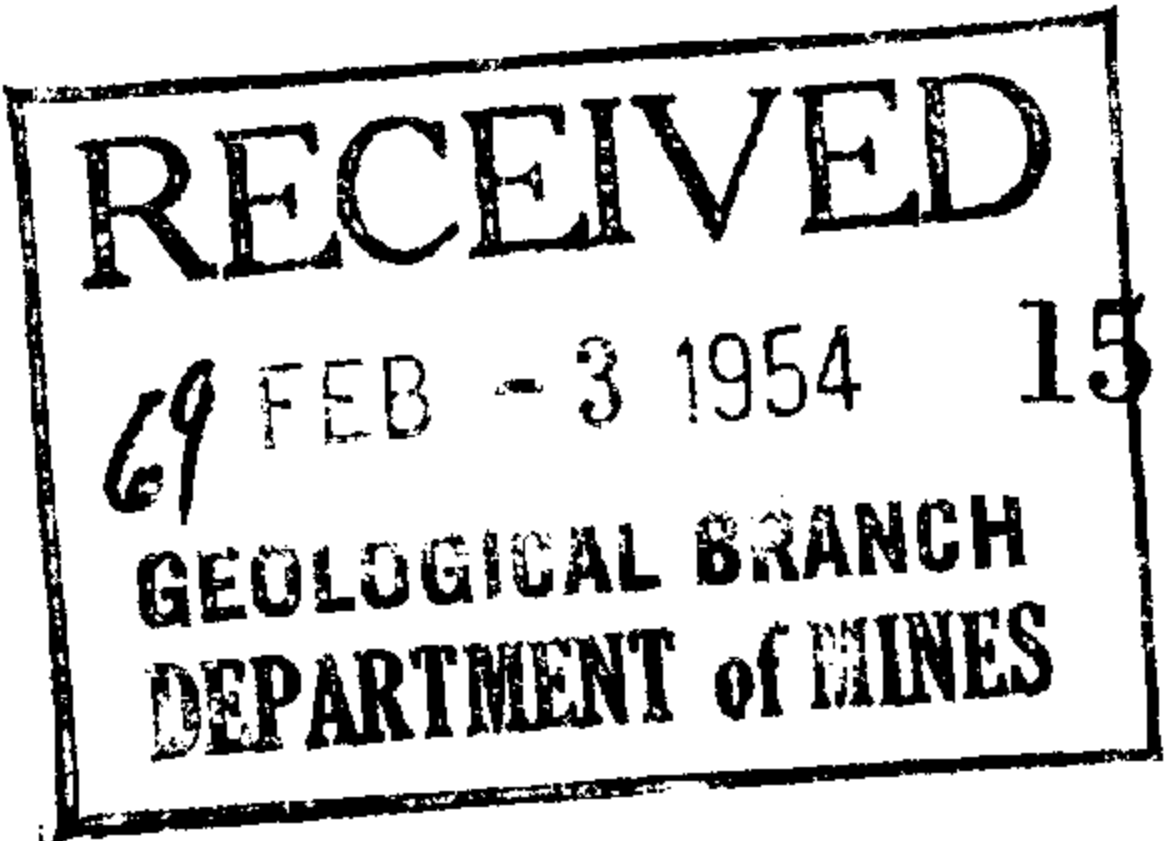
Well Log

Overburden and Bedrock Record	From	To
<u>red loam</u>	<u>0 ft.</u>	<u>10</u>
<u>gravel</u>	<u>10</u>	<u>18</u>
<u>gray limestone</u>	<u>18</u>	<u>63</u>

See Over Also
Location of Well
In diagram below show distances of well from road and lot line. Indicate north by arrow.
well located 1/10 mile from Stittsville R.R. on west side of road 120 feet off highway
+++++
on highway No. 15

Situation: Is well on upland, in valley, or on hillside? in valley
Drilling Firm F. P. Sparks
Address Stittsville Ont.
Name of Driller F. P. Sparks Address Stittsville Ont.
Date Oct 6 1953 Licence Number 396
F. P. Sparks
Signature of Licensee

31G/5d. "A"



UTM 11B 2 4 2 7 0 5 1 0 E

5 R 5 0 1 2 6 9 1 5 N

Elev. 4 R 0 4 0 2

Basin 2 1 5

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

STITTSVILLE

County or Territorial District Carlton Township, Village, Town or City (Goulbourn)

Con. XI Lot. 23 Street and Number (if in Village, Town or City)

Owner: [Redacted] Address Stittsville Ont

Date Completed 30 (day) Oct (month) 53 (Year) Cost of Well (excluding pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4 inch
Length(s) of casing(s) 12 ft
Type of screen NO
Length of screen 1.1
Distance from top of screen to ground level
Is well a gravel-wall type?

Date Oct. 30 1953
Static level 8 feet
Pumping level 10 "
Pumping rate 200 gal per hr.
Duration of test half hour
Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) soft
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? household
How far is well from possible source of contamination? 150 ft.
What is the source of contamination? septic tank
Enclose a copy of any mineral analysis that has been made of water

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
<u>52</u>	<u>fresh</u>	<u>44</u>

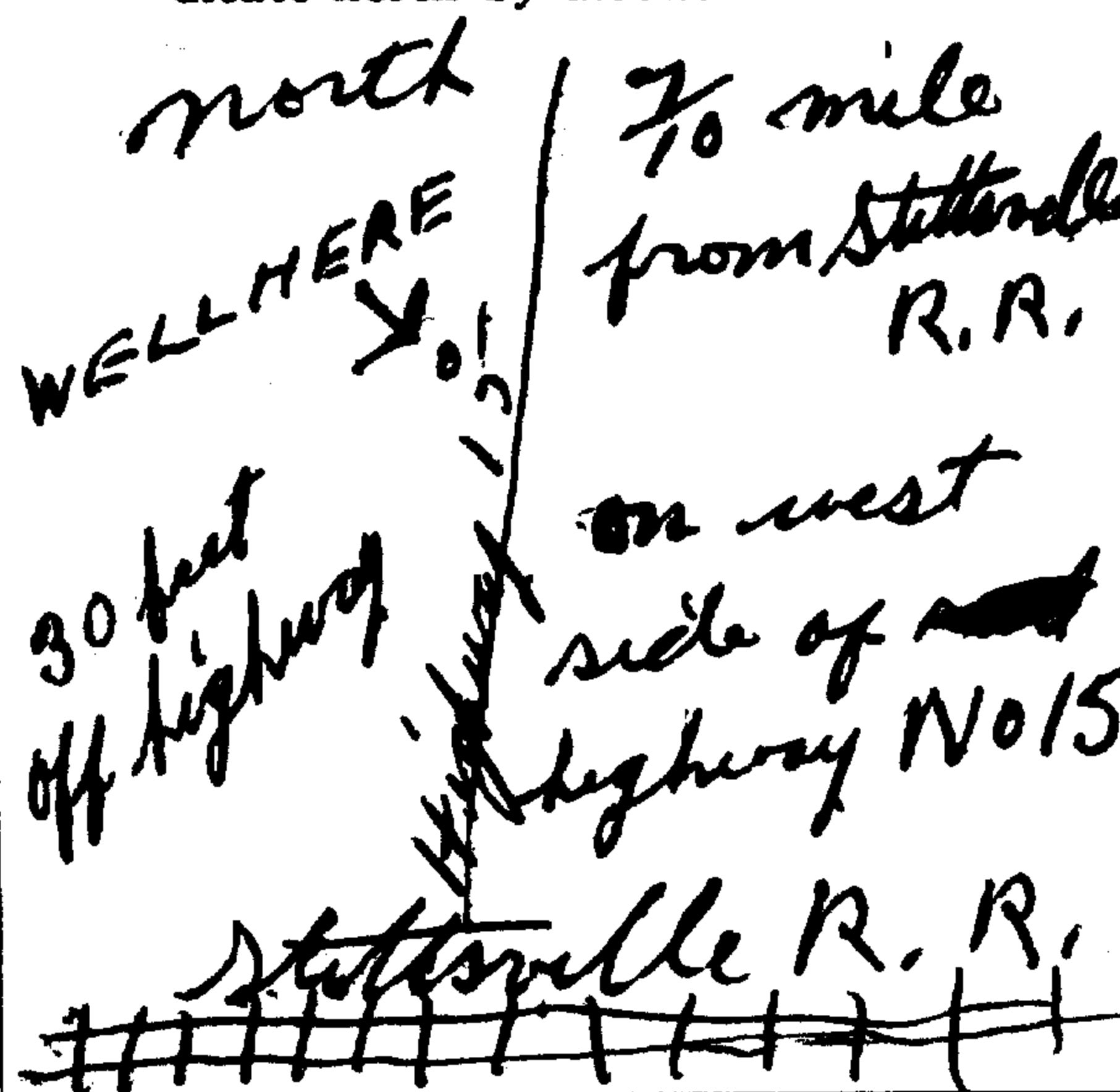
Well Log

Overburden and Bedrock Record

Overburden and Bedrock Record	From	To
	0 ft.	...ft.
<u>gravel</u>	<u>0</u>	<u>8</u>
<u>red loam</u>	<u>8</u>	<u>12</u>
<u>gray limestone</u>	<u>12</u>	<u>68</u>

Location of Well

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



Situation: Is well on upland, in valley, or on hillside? hillside

Drilling Firm J. P. Sparks

Address Stittsville Ont

Name of Driller J. P. Sparks Address Stittsville Ont

Date Oct 30 1953 Licence Number 396

J. P. Sparks
Signature of Licensee

31G/54 "A"

5W

UTM 18 Z 427125 E
5 R 5012555 N



RECEIVED 15 No. 2843
H. N. ...
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

Elev. 4 R 0400

Basin 25 X

The Well Drillers Association
Department of Mines, Province of Ontario

Water Well Record

STITTSVILLE
(Goulbourn)

10-23

Village, Town or City Stittsville
Town or City) on highway #15
Stittsville Ont.

Date Completed 9 Aug 55 Cost of Well (excluding pump).....

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4"
Length(s) of casing(s) 20 feet
Type of screen NO screen
Length of screen

Date Aug 9 1955
Static level 218 ft.
Pumping level 220 ft.
Pumping rate 200 g.p.h.
Duration of test 2 hour
Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) soft
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? private home
How far is well from possible source of contamination? 60 feet
What is the source of contamination? septic tank
Enclose a copy of any mineral analysis that has been made of water

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
<u>65</u>	<u>fresh</u>	<u>47</u>

Well Log

Overburden and Bedrock Record

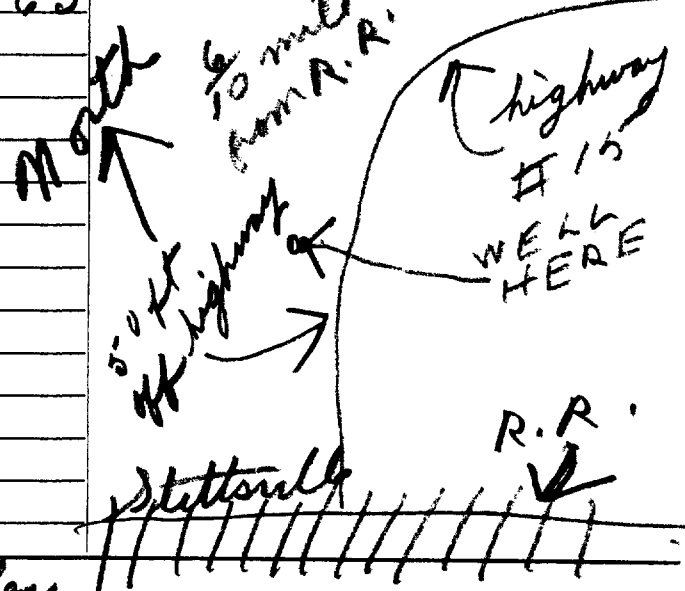
From To

0 ft.ft.

Red sand 0 20
gray limestone 20 65

Location of Well

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



Situation: Is well on upland, in valley, or on hillside? valley
Drilling Firm F. P. Sparks
Address Stittsville Ont.
Name of Driller L. P. Sparks Address Stittsville Ont.
Date Aug 9 1955 Licence Number 396
Clayton H. Sparks
Signature of Licensee

316/5d. "A"

.BW

UTM ~~170~~ Z 4 2 7 0 3 1 0 E
5 R 5 0 1 2 7 2 5 N



RECEIVED No. 2845
76
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

Elev. 4 R 0 4 0 0

Basin C 2 5 X 1 1

The Well Drillers Act
Department of Mines, Province of Ontario

STITTSVILLE
(Goulbourne)

lot 23

Water Well Record

Village, Town or City Stittsville
Town or City Highway #15
Stittsville, Ont.

Date Completed 22 (day) Aug (month) 55 (year) Cost of Well (excluding pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4"
Length(s) of casing(s) 20 ft.
Type of screen No screen
Length of screen

Date Aug. 22, 1955
Static level 8' 15" ft.
Pumping level 20"
Pumping rate 250 g.p.h.
Duration of test 1/2 hour
Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) soft
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? private home
How far is well from possible source of contamination? 55 feet
What is the source of contamination? septic tank
Enclose a copy of any mineral analysis that has been made of water

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
<u>67</u>	<u>fresh</u>	<u>52</u>

Well Log

Overburden and Bedrock Record

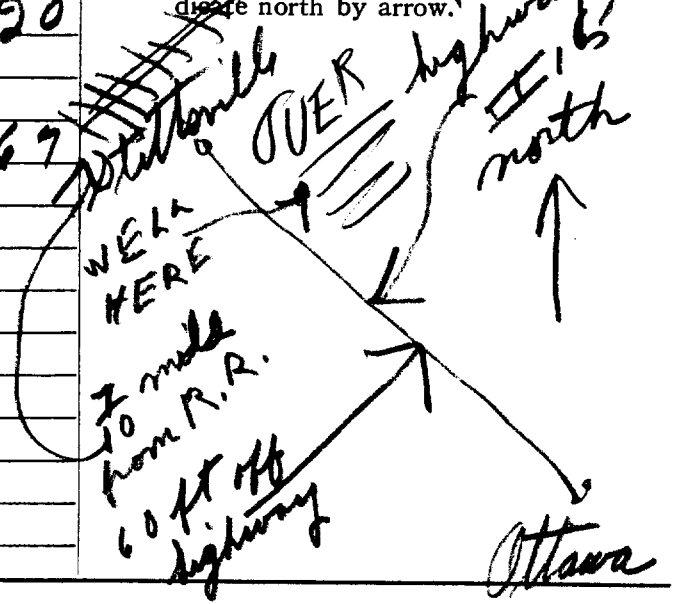
From To
0 ft.ft.

fine gravel 0 20

gray limestone 20 67

Location of Well

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



Situation: Is well on upland, in valley, or on hillside? valley
Drilling Firm F. P. Sparks
Address Stittsville Ont.
Name of Driller F. P. Sparks Address Stittsville Ont.
Date Aug. 22, 1955 Licence Number 396
Clayton Sparks
Signature of Licensee

316/5d. 7A G

UTM 18Z 4271710E
5R 50126115N
Elev. 4R 0400
Basin 25



RECEIVED
DEC 21 1949
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

2894
JK

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

STITTSTVILLE

Con. (X) 24 Lot 24 Pt. Lot
Stittsville Acres 5.0
Date Completed 12/18/49 Cost of well (not including pump) 185.00

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4"
Length(s) of casing(s) 12 ft.
Length of screen no screen
Type of screen
Type of pump hand pump
Capacity of pump 300 gpm
Depth of pump setting 40 ft.

Date Feb 18/48
Developed Capacity 250 G.P.H.
Duration of Test 1 hr.
Pumping Rate
Drawdown
Static level of completed well 12 ft.
Is well a gravel-wall type? yes

Water Record

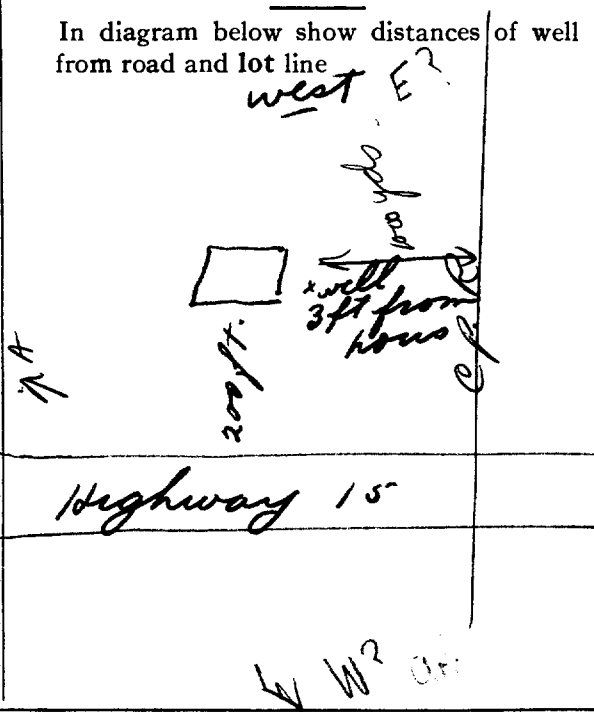
Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur etc.) hard
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? house
How far is well from possible source of contamination? 300 ft.
What is source of contamination? outdoor toilet
Enclose a copy of any mineral analysis that has been made of water

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
60 ft.	good	48'

Well Log

Drift and Bedrock Record	From To	
	0 ft.	12 ft.
gravel		12 ft.
limestone rock	12 ft.	60 ft.

Location of Well



Situation: Is well on upland, in valley, or on hillside? upland
Drilling Firm F.P. Sparks
Address Stittsville Ont
Recorded by F.P. Sparks Address Stittsville
Date Dec 2/49 Licence Number 133

316/5d. "A"



GROUND WATER BRANCH
FEB 15 1962
9320
ONTARIO WATER RESOURCES COMMISSION

UTM 18Z 427100P

5R 5012475N

The Ontario Water Resources Commission Act

Elev. 4R 0400

WATER WELL RECORD

Basin 215
County or District CHARLETON

STITTSVILLE
Township, Village, Town or City ~~GOOSEBURN~~

Con. FI Lot 23

Date completed 22 FEB 61
(day month year)

Owner STITTSVILLE LUMBER CO
(print in block letters)

Address STITTSVILLE

Casing and Screen Record

Pumping Test

Inside diameter of casing 4"
Total length of casing 39'
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 40

Static level 17
Test-pumping rate 5 G.P.M.
Pumping level 18
Duration of test pumping 1 HR
Water clear or cloudy at end of test CLEAR
Recommended pumping rate 5 G.P.M.
with pump setting of 22 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record

	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
SAND + GRAVEL	0	39		
DARK LIMESTONE	39	75	75	FRESH

For what purpose(s) is the water to be used?

House

Is well on upland, in valley, or on hillside?

Drilling or Boring Firm

WJ KING

Address

OTTAWA 3

Licence Number

241

Name of Driller or Borer

J ADAMS

Address

Date

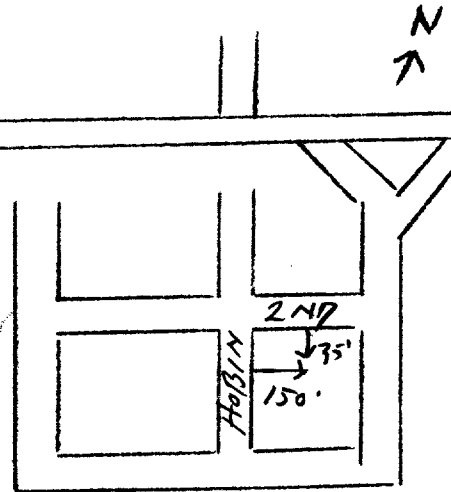
FEB 13/62

Walter J. King
(Signature of Licensed Drilling or Boring Contractor)

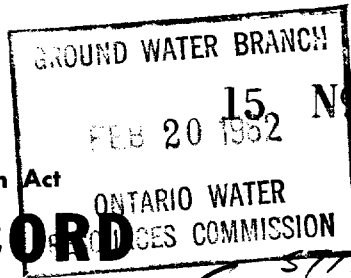
Location of Well

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

PLAN 683
LOT 17



319/5d "A"



9323

UTM 18 427120

5R 5012415N

Elev. 4R 0398

WATER WELL RECORD

Basin 25 County or District CARLETON Township, Village, Town or City STITTSVILLE
 Con. XI Lot 23 Date completed 6 02 61
 (day month year)
 Owner STITTSVILLE LUMBER Co Address STITTSVILLE
 (print in block letters)

Casing and Screen Record

Inside diameter of casing 4"
 Total length of casing 40'
 Type of screen -
 Length of screen -
 Depth to top of screen -
 Diameter of finished hole 4"

Pumping Test

Static level 17
 Test-pumping rate 6.7 G.P.M.
 Pumping level 19
 Duration of test pumping 1 hr
 Water clear or cloudy at end of test clear
 Recommended pumping rate 6 G.P.M.
 with pump setting of 20 feet below ground surface

Well Log

Water Record

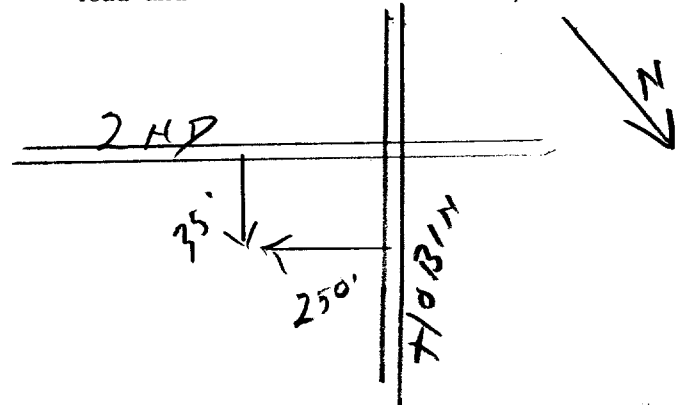
Overburden and Bedrock Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<u>SAND GRAVEL & BOULDERS</u>	<u>0</u>	<u>30</u>		
<u>GREY LIMESTONE</u>	<u>30</u>	<u>75</u>	<u>75</u>	<u>FRESH</u>

For what purpose(s) is the water to be used? HOUSE
 Is well on upland, in valley, or on hillside? Upland
 Drilling or Boring Firm W KING
 Address 48 HEMPSTER OTTAWA
 Licence Number 241
 Name of Driller or Borer J ADAMS
 Address
 Date 11/06/61
Walter J. King
 (Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



PLAN 683
LOT 42



The Ontario Water Resources Commission Act
WATER WELL RECORD

316/5d P

Water management in Ontario

1. PRINT ONLY IN SPACES PROVIDED

2. CHECK CORRECT BOX WHERE APPLICABLE

11

1510121

MUNICIP. 15703

CON. 10 14 15 22 23 24

COUNTY OR DISTRICT: Carleton TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Stutterville CON., BLOCK, TRACT, SURVEY, ETC.: Carp Rd LOT: 134

OWNER (SURNAME FIRST): [REDACTED] ADDRESS: RH1, Stutterville DATE COMPLETED: DAY 15 MO. July YR. 69

WELL NO. 012810 RC. 4 ELEVATION 0405 RC. 5 BASIN CODE 25

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	sand	boulders		0	12
Brown	hardpan	boulders		12	31
grey	limestone		hard	31	85

31 001260913 003161413 0085115

32

41 WATER RECORD

WATER FOUND AT - FEET: 0085

KIND OF WATER: No.

1 FRESH 3 SULPHUR 4 MINERAL

2 SALTY

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET
10-11	<input checked="" type="checkbox"/> STEEL	188	0 - 13-16
17-18	<input type="checkbox"/> GALVANIZED		20-23
24-25	<input type="checkbox"/> GALVANIZED		27-30

SCREEN

SIZE(S) OF OPENING (SLOT NO.): 31-33 DIAMETER: 34-38 LENGTH: 39-40

MATERIAL AND TYPE: 0085

DEPTH TO TOP OF SCREEN: 41-44 FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13	14-17
18-21	22-25
26-29	30-33

71 PUMPING TEST

PUMPING TEST METHOD: PUMP BAILER

PUMPING RATE: 0005 GPM. DURATION OF PUMPING: 01 HOURS 00 MINS.

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING
19-21	22-24	15 MINUTES 26-28
<u>015</u> FEET	<u>075</u> FEET	30 MINUTES 29-31 <u>030</u> FEET
		45 MINUTES 32-34 <u>045</u> FEET
		60 MINUTES 35-37 <u>060</u> FEET

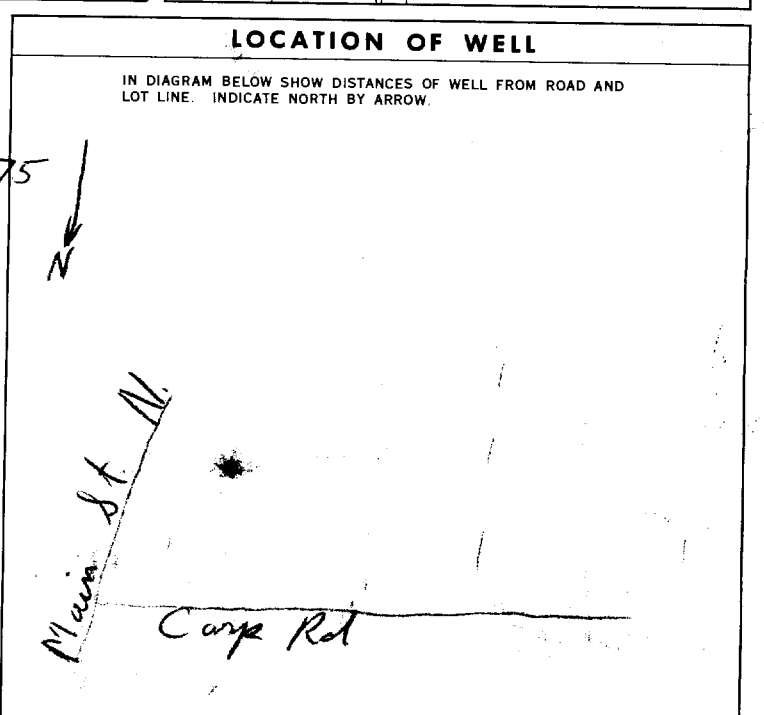
IF FLOWING, GIVE RATE: 38-41 PUMP INTAKE SET AT: 42 WATER AT END OF TEST: 075 FEET

RECOMMENDEO PUMP TYPE: SHALLOW DEEP

RECOMMENDEO PUMP SETTING: 080 FEET

RECOMMENDEO PUMPING RATE: 0004 GPM.

50-53 000.1 GPM./FT. SPECIFIC CAPACITY



FINAL STATUS OF WELL

1 WATER SUPPLY 5 ABANDONED, INSUFFICIENT SUPPLY

2 OBSERVATION WELL 6 ABANDONED, POOR QUALITY

3 TEST HOLE 7 UNFINISHED

4 RECHARGE WELL

WATER USE

1 DOMESTIC 5 COMMERCIAL

2 STOCK 6 MUNICIPAL

3 IRRIGATION 7 PUBLIC SUPPLY

4 INDUSTRIAL 8 COOLING OR AIR CONDITIONING

9 OTHER 9 NOT USED

METHOD OF DRILLING

1 CABLE TOOL 6 BORING

2 ROTARY (CONVENTIONAL) 7 DIAMOND

3 ROTARY (REVERSE) 8 JETTING

4 ROTARY (AIR) 9 DRIVING

5 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: Henry Maus Well Drilling LICENCE NUMBER: 3520

ADDRESS: PO Box 326 Richmond Ont.

NAME OF DRILLER OR BORER: Henry Maus LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: Henry Maus SUBMISSION DATE: July 16 1969

OFFICE USE ONLY

DATA SOURCE: 1 CONTRACTOR: 3644 DATE RECEIVED: 180769

DATE OF INSPECTION: INSPECTOR: [Signature]

REMARKS:

116 = 4 2 7 2 4 0
 4 R 5 0 1 2 4 9 0



3165e

1511170

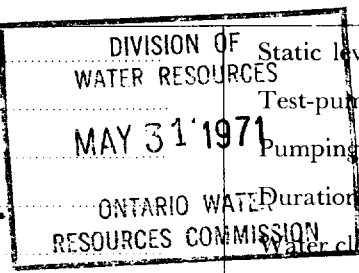
The Ontario Water Resources Commission Act

WATER WELL RECORD

County or District Carleton Township, Village, Town or City Stittsville
 Con. 2151 Lot 1 Date completed 18 11 70
 (day month year)
 Address 180 MAIN ST N Stittsville

Casing and Screen Record

Inside diameter of casing 4"
 Total length of casing 18'
 Type of screen _____
 Length of screen _____
 Depth to top of screen _____
 Diameter of finished hole 4"



Pumping Test

Static level 12'
 Test-pumping rate 5 G.P.M.
 Pumping level 15'
 Duration of test pumping 2 1/2 hr.
 Water clear or cloudy at end of test clear
 Recommended pumping rate 5 G.P.M.
 with pump setting of 25 feet below ground surface

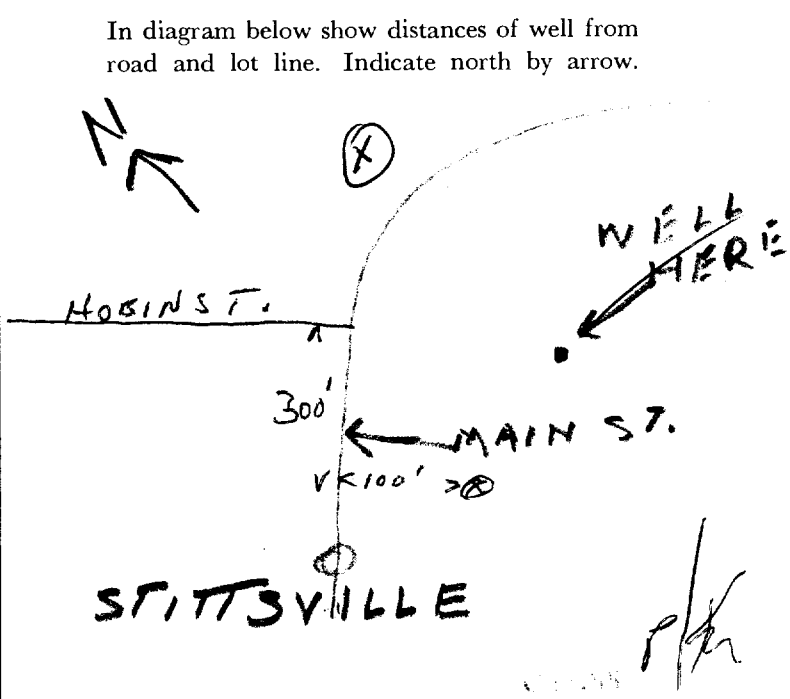
Well Log

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<u>coarse gravel</u>	<u>0</u>	<u>18</u>		
<u>gray limestone</u>	<u>18</u>	<u>47</u>	<u>30-47</u>	<u>fresh</u>

Water Record

For what purpose(s) is the water to be used? new house
 Is well on upland, in valley, or on hillside? hillside
 Drilling or Boring Firm L. H. Sparks
100 main St.
 Address Stittsville Ont
 Licence Number 4847
 Name of Driller or Borer L. H. Sparks
 Address Stittsville Ont.
 Date Nov. 18 1970
Clayton H. Sparks
 (Signature of Licensed Drilling or Boring Contractor)

Location of Well





The Ontario Water Resources Commission Act WATER WELL RECORD

31650

Water management in Ontario 1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

COUNTY OR DISTRICT: Carl TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Stittsville CON., BLOCK, TRACT, SURVEY, ETC.: _____ LOT: 25-27

OWNER (SURNAME FIRST): Ray Hobin Homes ADDRESS: Stittsville Ont DATE COMPLETED: DAY 03 MO. 08 YR. 71

UTM ZONE: 18 EASTING: 427018 NORTHING: 5912540 RC: 4 ELEVATION: 104.0 RC: 5 BASIN CODE: 25

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
<u>brown</u>	<u>sand</u>		<u>packed</u>	<u>0</u>	<u>10</u>
<u>grey</u>	<u>"</u>	<u>gravel</u>	<u>hard</u>	<u>10</u>	<u>32</u>
<u>"</u>	<u>hardpan</u>	<u>boulders</u>	<u>packed</u>	<u>32</u>	<u>34</u>
<u>"</u>	<u>lime</u>		<u>hard</u>	<u>34</u>	<u>60</u>

31 0010609 003220911 003421413 0060215

32 _____

41 WATER RECORD

WATER POUND AT - FEET	KIND OF WATER
10-13	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-18	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET
<u>6 1/2</u>	<input checked="" type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input type="checkbox"/> OPEN HOLE	<u>188</u>	FROM <u>0037</u> TO <u>37</u>
<u>06</u>	<input type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input checked="" type="checkbox"/> OPEN HOLE		FROM <u>37</u> TO <u>60</u>
<u>06</u>	<input type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input type="checkbox"/> OPEN HOLE		FROM <u>60</u> TO <u>60</u>

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE
FROM <u>10-13</u> TO <u>14-17</u>	
FROM <u>18-21</u> TO <u>22-25</u>	
FROM <u>26-29</u> TO <u>30-33</u>	

71 PUMPING TEST

PUMPING TEST METHOD: PUMP BAILER

PUMPING RATE: 0010 GPM. DURATION OF PUMPING: 01 HOURS 00 MINS.

STATIC LEVEL: 015 FEET. WATER LEVEL END OF PUMPING: 035 FEET.

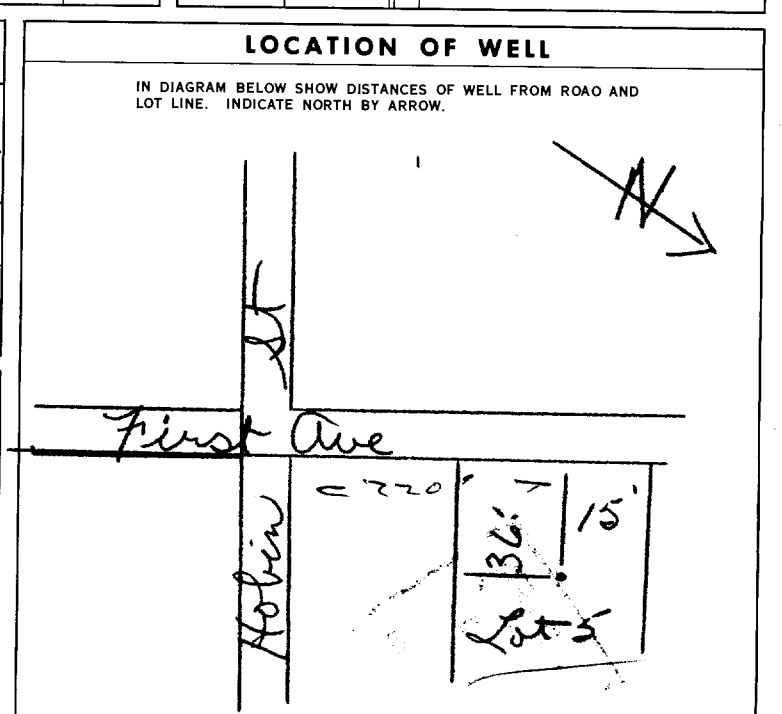
WATER LEVELS DURING PUMPING:

15 MINUTES: <u>035</u> FEET	30 MINUTES: <u>035</u> FEET	45 MINUTES: <u>035</u> FEET	60 MINUTES: <u>035</u> FEET
-----------------------------	-----------------------------	-----------------------------	-----------------------------

IF FLOWING, GIVE RATE: _____ GPM. PUMP INTAKE SET AT: _____ FEET. WATER AT END OF TEST: _____ FEET.

RECOMMENDED PUMP TYPE: SHALLOW DEEP. RECOMMENDED PUMP SETTING: 045 FEET. RECOMMENDED PUMPING RATE: 0005 GPM.

50-53 000.5 GPM./FT. SPECIFIC CAPACITY



FINAL STATUS OF WELL

WATER SUPPLY ABANDONED, INSUFFICIENT SUPPLY
 OBSERVATION WELL ABANDONED, POOR QUALITY
 TEST HOLE UNFINISHED
 RECHARGE WELL

WATER USE

DOMESTIC COMMERCIAL
 STOCK MUNICIPAL
 IRRIGATION PUBLIC SUPPLY
 INDUSTRIAL COOLING OR AIR CONDITIONING
 OTHER NOT USED

METHOD OF DRILLING

CABLE TOOL BORING
 ROTARY (CONVENTIONAL) DIAMOND
 ROTARY (REVERSE) JETTING
 ROTARY (AIR) DRIVING
 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: Capital Water Supply LICENCE NUMBER: 1558
 ADDRESS: 14 Ashford Dr Ottawa
 NAME OF DRILLER OR BORER: B Bisson LICENCE NUMBER: _____
 SIGNATURE OF CONTRACTOR: Chalter Kavanagh SUBMISSION DATE: DAY 3 MO. 5 YR. 71

OFFICE USE ONLY

DATA SOURCE: 1 CONTRACTOR: 1558 DATE RECEIVED: 100971
 DATE OF INSPECTION: _____ INSPECTOR: kn
 REMARKS: _____
 P. _____
 WI _____



WATER WELL RECORD

31 4/5 d

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

1513252

MUNICIP. 15703

CON. [initials]

COUNTY OR DISTRICT Carleton	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Stittville	3	CON. BLOCK, TRACT, SURVEY, ETC.	LOT 25-27 023
---------------------------------------	---	---	---------------------------------	-------------------------

85 HOBIN ST
Algier Crescent, Stittville, Ontario.

DATE COMPLETED 48-53
DAY **24** MO **05** YR. **73**

G. A. ELEVATION RC. BASIN CODE II III IV
2499 4 402 4 26 JAN 12, 1975 44

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
brown	gravel	boulders		0	10
grey	hardpan	boulders	hard	10	35
grey	limestone		mod hard	35	90

31 001061143 003021413 0090215

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-18	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
05	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE	188	0	0036
5	1 <input checked="" type="checkbox"/> OPEN HOLE		36	90
05	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE		36	0090

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
	34-38	39-40
MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN 41-44

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
FROM TO	
10-13 14-17	
16-21 22-25	
26-29 30-33 80	

71 PUMPING TEST

PUMPING TEST METHOD: 1 PUMP 2 BAILER

PUMPING RATE: 0007 GPM

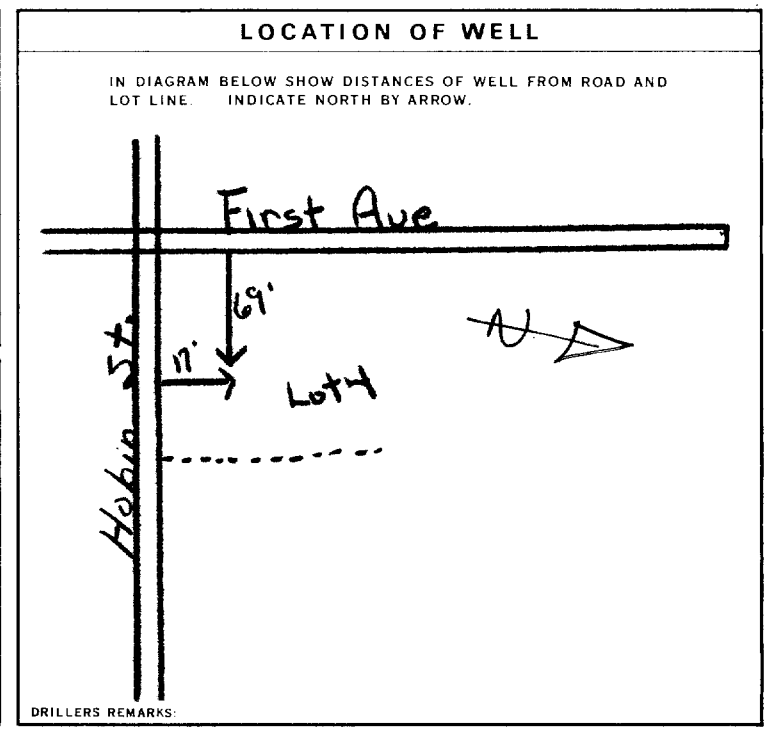
DURATION OF PUMPING: 02 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING
018 FEET	047 FEET	15 MINUTES: 047 FEET 30 MINUTES: 047 FEET 45 MINUTES: 047 FEET 60 MINUTES: 047 FEET

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: 060 FEET

RECOMMENDED PUMPING RATE: 0005 GPM



FINAL STATUS OF WELL

1 WATER SUPPLY
2 OBSERVATION WELL
3 TEST HOLE
4 RECHARGE WELL

WATER USE

1 DOMESTIC
2 STOCK
3 IRRIGATION
4 INDUSTRIAL
5 OTHER

METHOD OF DRILLING

1 CABLE TOOL
2 ROTARY (CONVENTIONAL)
3 ROTARY (REVERSE)
4 ROTARY (AIR)
5 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: **Capital Water Supply Ltd.** LICENCE NUMBER: **1558**

ADDRESS: **Box 490, Stittville, Ontario.**

NAME OF DRILLER OR BORER: **Jim Moore** LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: *Halton Karaman* SUBMISSION DATE: DAY **24** MO. **5** YR. **73**

OFFICE USE ONLY

DATA SOURCE: **1** CONTRACTOR: **1558** DATE RECEIVED: **140673**

DATE OF INSPECTION: INSPECTOR: *[Signature]*

REMARKS: **P-R**



Ontario

WATER WELL RECORD

316/5d

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11 1515572 15705 CON 11
OCT 19 1976 023

COUNTY OR DISTRICT: Carleton
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Goulbourn
CON. BLOCK, TRACT, SURVEY, ETC.: 11
LOT: 25-27
DATE COMPLETED: 11 MO 08 YR 76

OWNER (SURNAME, FIRST): [REDACTED]
ADDRESS: R. Rousseau, 19 Slack Rd. Ottawa, Ont.
ELEVATION: 012610 4 0400 4 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
grey	sand	boulders	packed	0	10
grey	gravel	boulders	packed	10	25
grey	limestone		medium	25	65

31 00102281379 00252111379 0065215
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
10-13	1 <input checked="" type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERAL
15-18	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERAL
20-23	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERAL
25-28	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/2	1 <input checked="" type="checkbox"/> STEEL	188	0	0029
6	2 <input type="checkbox"/> GALVANIZED		29	65
6	3 <input type="checkbox"/> CONCRETE			
6	4 <input type="checkbox"/> OPEN HOLE			
6	1 <input type="checkbox"/> STEEL			0065
6	2 <input type="checkbox"/> GALVANIZED			
6	3 <input type="checkbox"/> CONCRETE			
6	4 <input type="checkbox"/> OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
	34-38	39-40

MATERIAL AND TYPE: _____
DEPTH TO TOP OF SCREEN: 41-44 FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13	14-17
18-21	22-25
26-29	30-33

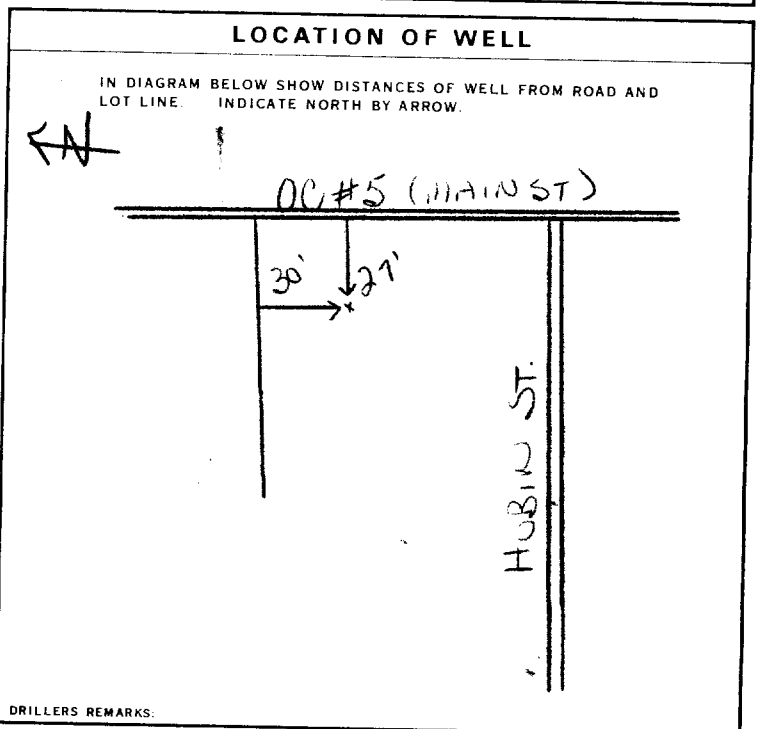
71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE GPM	DURATION OF PUMPING HOURS
1 <input checked="" type="checkbox"/> PUMP	01	00

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING			
19-21	22-24	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
FEET	FEET	FEET	FEET	FEET	FEET

IF FLOWING, GIVE RATE: _____
PUMP INTAKE SET AT: _____
WATER AT END OF TEST: _____

RECOMMENDED PUMP TYPE: SHALLOW DEEP
RECOMMENDED PUMP SETTING: _____
RECOMMENDED PUMPING RATE: 0005 GPM



FINAL STATUS OF WELL

1 WATER SUPPLY
2 OBSERVATION WELL
3 TEST HOLE
4 RECHARGE WELL

5 ABANDONED, INSUFFICIENT SUPPLY
6 ABANDONED, POOR QUALITY
7 UNFINISHED

WATER USE

1 DOMESTIC
2 STOCK
3 IRRIGATION
4 INDUSTRIAL
5 COMMERCIAL
6 MUNICIPAL
7 PUBLIC SUPPLY
8 COOLING OR AIR CONDITIONING
9 NOT USED

METHOD OF DRILLING

1 CABLE TOOL
2 ROTARY (CONVENTIONAL)
3 ROTARY (REVERSE)
4 ROTARY (AIR)
5 AIR PERCUSSION
6 BORING
7 DIAMOND
8 JETTING
9 DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: Capital Water Supply Ltd.
LICENCE NUMBER: 1558
ADDRESS: Box 490 Stittsville, Ontario

NAME OF DRILLER OR BORER: W. Kavanagh
LICENCE NUMBER: _____
SIGNATURE OF CONTRACTOR: [Signature]
SUBMISSION DATE: DAY 13 MO. 8 YR. 76

OFFICE USE ONLY

DATA SOURCE: 1
CONTRACTOR: 1558
DATE RECEIVED: 280976
DATE OF INSPECTION: 17/6/77
INSPECTOR: PRA
REMARKS: _____
P ✓
WI

Measurements recorded in: Metric Imperial

A143737

Tag#: A143737

Page ___ of ___

Well Owner's Information

Well Owner's Information form with fields for Name, Last Name / Organization, E-mail Address, Mailing Address, Municipality, Province, Postal Code, Telephone No.

Well Location

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

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

Table with 5 columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Contains handwritten entries for BRN, SAND, GRAVEL, etc.

Annular Space

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

Results of Well Yield Testing

Results of Well Yield Testing form with sections for After test of well yield, water was; If pumping discontinued, give reason; Pump intake set at (m/ft); Pumping rate (l/min / GPM); Duration of pumping; Final water level end of pumping (m/ft); If flowing give rate (l/min / GPM); Recommended pump depth (m/ft); Recommended pump rate (l/min / GPM); Well production (l/min / GPM); Disinfected? Yes/No.

Method of Construction

Well Use

Method of Construction and Well Use form with checkboxes for Cable Tool, Rotary, Boring, Air Percussion, Diamond, Jetting, Driving, Digging, Public, Commercial, Domestic, Municipal, Livestock, Irrigation, Industrial, Test Hole, Monitoring, Cooling & Air Conditioning, etc.

Construction Record - Casing

Status of Well

Construction Record - Casing and Status of Well tables. Casing table has columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To. Status of Well table has checkboxes for Water Supply, Replacement Well, Test Hole, Recharge Well, Dewatering Well, Observation and/or Monitoring Hole, Alteration (Construction), Abandoned, Insufficient Supply, Abandoned, Poor Water Quality, Abandoned, other, specify, Other, specify.

Construction Record - Screen

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

Map of Well Location

Please provide a map below following instructions on the back. SEE ATTACHED MAP (MVI)

Water Details

Hole Diameter

Water Details and Hole Diameter tables. Water Details table has columns: Water found at Depth (m/ft), Kind of Water (Fresh, Untested, Gas, Other, specify). Hole Diameter table has columns: Depth (m/ft) From, To, Diameter (cm/in).

Well Contractor and Well Technician information

Well Contractor and Well Technician information form with fields for Business Name of Well Contractor, Well Contractor's Licence No., Business Address, Municipality, Province, Postal Code, Business E-mail Address, Telephone No., Name of Well Technician, Technician's Licence No., Signature of Technician and/or Contractor, Date Submitted.

Comments:

Well owner's information package delivered (Yes/No), Date Package Delivered, Date Work Completed, Ministry Use Only (Audit No. Z 156996, Received).



Measurements recorded in: Metric Imperial

Well Owner's Information

First Name: STAVEL, Last Name / Organization: Loblaw Properties Ltd., E-mail Address: [blank], Mailing Address: 1 Presidents Choice Circle, Brampton, ON, Postal Code: L6Y5S5, Telephone No.: [blank]

Well Location

Address of Well Location: 1300 STITTSVILLE MAIN ST., City/Town/Village: STITTSVILLE, Province: Ontario, UTM Coordinates: NAD 83 1814769665012905

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Rows include BRN FILL GRAVEL LOOSE, BRN SAND SILT. DENSE, and 224 SAND SILT. DENSE.

Annular Space

Table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³). Rows include 0-0.3 CONCRETE/FLUSH MOUNT., 0.3-4.88 BENTONITE, and 4.88-6.71 SAND.

Results of Well Yield Testing

Table with columns: After test of well yield, water was: [checkboxes], Draw Down (Time, Water Level), Recovery (Time, Water Level). Includes rows for static level, pump intake, pumping rate, and final water level.

Method of Construction

Method of Construction: Other, specify RUBER. Well Use: Test Hole, Monitoring.

Construction Record - Casing

Table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To. Row: 345 PLASTIC, 356, 0-5.18.

Status of Well

Status of Well: Test Hole, Observation and/or Monitoring Hole, Alteration (Construction), Abandoned, Insufficient Supply, Abandoned, Poor Water Quality, Abandoned, other, specify.

Construction Record - Screen

Table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To. Row: 4.21 PLASTIC, 10, 5.18-6.71.

Map of Well Location

Please provide a map below following instructions on the back.

SEE ATTACHED MAP (MWT)

Water Details

Water found at Depth (m/ft), Kind of Water: Fresh Untested Gas Other, specify.

Hole Diameter

Table with columns: Depth (m/ft) From, To, Diameter (cm/in). Row: 0-6.71, 15.24.

Well Contractor and Well Technician Information

Business Name of Well Contractor: STRATA SOIL SAMPLING INC, Well Contractor's Licence No.: 7241, Business Address: 147 WEST BEVER CREEK RD., Municipality: RICHMOND HILL, Province: ON, Postal Code: L4B1G6, Business E-mail Address: wrecords@stratosoil.com, Bus. Telephone No.: 905-764-9304, Name of Well Technician: ERNE, Well Technician's Licence No.: 3716, Signature of Technician and/or Contractor, Date Submitted: 2013/04/19.

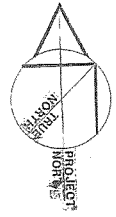
Comments:

Well owner's information package delivered: Yes No

Date Package Delivered: YYY Y MM DD, Date Work Completed: 20130318

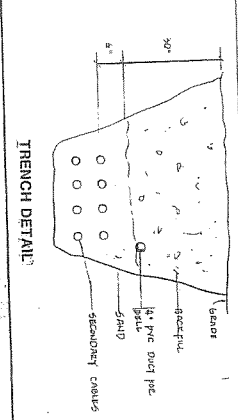
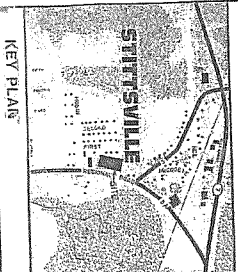
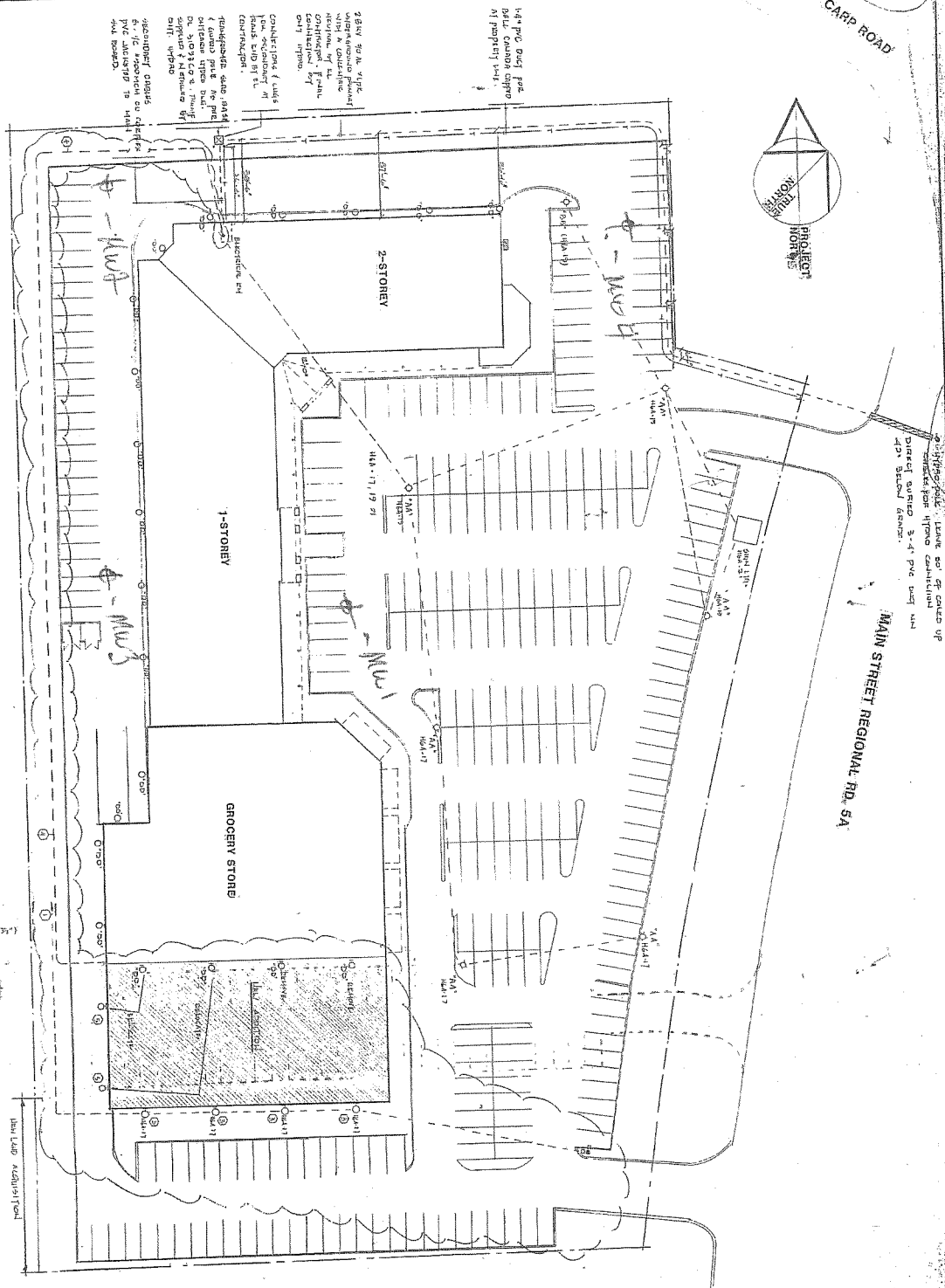
Ministry Use Only: Audit No. Z156995, Received: [blank]

S-13804

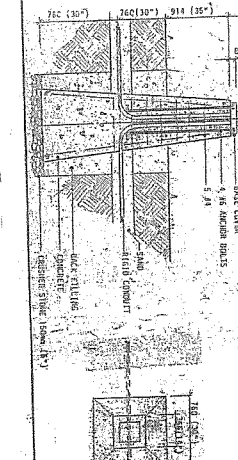


CARP ROAD

MAIN STREET REGIONAL RD. SA



- 1. Prepare a 1/4" = 1'-0" plan of 1" x 12" x 12" concrete slab on 4" x 4" rebar with 1/2" x 1/2" x 1/2" aggregate. Finish top surface with 1/2" x 1/2" x 1/2" aggregate. (1/2" x 1/2" x 1/2" aggregate is not to be used in the trench.)
- 2. Prepare a 1/4" = 1'-0" plan of 1" x 12" x 12" concrete slab on 4" x 4" rebar with 1/2" x 1/2" x 1/2" aggregate. Finish top surface with 1/2" x 1/2" x 1/2" aggregate. (1/2" x 1/2" x 1/2" aggregate is not to be used in the trench.)
- 3. Prepare a 1/4" = 1'-0" plan of 1" x 12" x 12" concrete slab on 4" x 4" rebar with 1/2" x 1/2" x 1/2" aggregate. Finish top surface with 1/2" x 1/2" x 1/2" aggregate. (1/2" x 1/2" x 1/2" aggregate is not to be used in the trench.)
- 4. Prepare a 1/4" = 1'-0" plan of 1" x 12" x 12" concrete slab on 4" x 4" rebar with 1/2" x 1/2" x 1/2" aggregate. Finish top surface with 1/2" x 1/2" x 1/2" aggregate. (1/2" x 1/2" x 1/2" aggregate is not to be used in the trench.)



LEGEND

1	Proposed Building Footprint	2	Proposed Parking Lot
3	Proposed Driveway	4	Proposed Utility Lines
5	Proposed Setback Line	6	Proposed Easement
7	Proposed Access Road	8	Proposed Storm Drain
9	Proposed Sewer Line	10	Proposed Water Line
11	Proposed Gas Line	12	Proposed Electric Line
13	Proposed Telephone Line	14	Proposed Cable Line
15	Proposed Fire Hydrant	16	Proposed Fire Alarm
17	Proposed Fire Extinguisher	18	Proposed Fire Alarm Control Panel
19	Proposed Fire Alarm Sounder	20	Proposed Fire Alarm Bell
21	Proposed Fire Alarm Horn	22	Proposed Fire Alarm Siren
23	Proposed Fire Alarm Strobe	24	Proposed Fire Alarm Flasher
25	Proposed Fire Alarm Speaker	26	Proposed Fire Alarm Bell
27	Proposed Fire Alarm Horn	28	Proposed Fire Alarm Siren
29	Proposed Fire Alarm Strobe	30	Proposed Fire Alarm Flasher
31	Proposed Fire Alarm Speaker	32	Proposed Fire Alarm Bell
33	Proposed Fire Alarm Horn	34	Proposed Fire Alarm Siren
35	Proposed Fire Alarm Strobe	36	Proposed Fire Alarm Flasher
37	Proposed Fire Alarm Speaker	38	Proposed Fire Alarm Bell
39	Proposed Fire Alarm Horn	40	Proposed Fire Alarm Siren
41	Proposed Fire Alarm Strobe	42	Proposed Fire Alarm Flasher
43	Proposed Fire Alarm Speaker	44	Proposed Fire Alarm Bell
45	Proposed Fire Alarm Horn	46	Proposed Fire Alarm Siren
47	Proposed Fire Alarm Strobe	48	Proposed Fire Alarm Flasher
49	Proposed Fire Alarm Speaker	50	Proposed Fire Alarm Bell
51	Proposed Fire Alarm Horn	52	Proposed Fire Alarm Siren
53	Proposed Fire Alarm Strobe	54	Proposed Fire Alarm Flasher
55	Proposed Fire Alarm Speaker	56	Proposed Fire Alarm Bell
57	Proposed Fire Alarm Horn	58	Proposed Fire Alarm Siren
59	Proposed Fire Alarm Strobe	60	Proposed Fire Alarm Flasher
61	Proposed Fire Alarm Speaker	62	Proposed Fire Alarm Bell
63	Proposed Fire Alarm Horn	64	Proposed Fire Alarm Siren
65	Proposed Fire Alarm Strobe	66	Proposed Fire Alarm Flasher
67	Proposed Fire Alarm Speaker	68	Proposed Fire Alarm Bell
69	Proposed Fire Alarm Horn	70	Proposed Fire Alarm Siren
71	Proposed Fire Alarm Strobe	72	Proposed Fire Alarm Flasher
73	Proposed Fire Alarm Speaker	74	Proposed Fire Alarm Bell
75	Proposed Fire Alarm Horn	76	Proposed Fire Alarm Siren
77	Proposed Fire Alarm Strobe	78	Proposed Fire Alarm Flasher
79	Proposed Fire Alarm Speaker	80	Proposed Fire Alarm Bell
81	Proposed Fire Alarm Horn	82	Proposed Fire Alarm Siren
83	Proposed Fire Alarm Strobe	84	Proposed Fire Alarm Flasher
85	Proposed Fire Alarm Speaker	86	Proposed Fire Alarm Bell
87	Proposed Fire Alarm Horn	88	Proposed Fire Alarm Siren
89	Proposed Fire Alarm Strobe	90	Proposed Fire Alarm Flasher
91	Proposed Fire Alarm Speaker	92	Proposed Fire Alarm Bell
93	Proposed Fire Alarm Horn	94	Proposed Fire Alarm Siren
95	Proposed Fire Alarm Strobe	96	Proposed Fire Alarm Flasher
97	Proposed Fire Alarm Speaker	98	Proposed Fire Alarm Bell
99	Proposed Fire Alarm Horn	100	Proposed Fire Alarm Siren

21569512
1/27/12

R.J. MCKEE ENGINEERING LTD.

PROPOSED ADDITION TO HOLTZNER PLAZA SITTSVILLE, ONTARIO

DATE: 04/17/12

PROJECT NO: 93-130

LEGEND

1. Proposed Building Footprint

2. Proposed Parking Lot

3. Proposed Driveway

4. Proposed Utility Lines

5. Proposed Setback Line

6. Proposed Easement

7. Proposed Access Road

8. Proposed Storm Drain

9. Proposed Sewer Line

10. Proposed Water Line

11. Proposed Gas Line

12. Proposed Electric Line

13. Proposed Telephone Line

14. Proposed Cable Line

15. Proposed Fire Hydrant

16. Proposed Fire Alarm

17. Proposed Fire Extinguisher

18. Proposed Fire Alarm Control Panel

19. Proposed Fire Alarm Sounder

20. Proposed Fire Alarm Bell

21. Proposed Fire Alarm Horn

22. Proposed Fire Alarm Siren

23. Proposed Fire Alarm Strobe

24. Proposed Fire Alarm Flasher

25. Proposed Fire Alarm Speaker

26. Proposed Fire Alarm Bell

27. Proposed Fire Alarm Horn

28. Proposed Fire Alarm Siren

29. Proposed Fire Alarm Strobe

30. Proposed Fire Alarm Flasher

31. Proposed Fire Alarm Speaker

32. Proposed Fire Alarm Bell

33. Proposed Fire Alarm Horn

34. Proposed Fire Alarm Siren

35. Proposed Fire Alarm Strobe

36. Proposed Fire Alarm Flasher

37. Proposed Fire Alarm Speaker

38. Proposed Fire Alarm Bell

39. Proposed Fire Alarm Horn

40. Proposed Fire Alarm Siren

41. Proposed Fire Alarm Strobe

42. Proposed Fire Alarm Flasher

43. Proposed Fire Alarm Speaker

44. Proposed Fire Alarm Bell

45. Proposed Fire Alarm Horn

46. Proposed Fire Alarm Siren

47. Proposed Fire Alarm Strobe

48. Proposed Fire Alarm Flasher

49. Proposed Fire Alarm Speaker

50. Proposed Fire Alarm Bell

51. Proposed Fire Alarm Horn

52. Proposed Fire Alarm Siren

53. Proposed Fire Alarm Strobe

54. Proposed Fire Alarm Flasher

55. Proposed Fire Alarm Speaker

56. Proposed Fire Alarm Bell

57. Proposed Fire Alarm Horn

58. Proposed Fire Alarm Siren

59. Proposed Fire Alarm Strobe

60. Proposed Fire Alarm Flasher

61. Proposed Fire Alarm Speaker

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91. Proposed Fire Alarm Speaker

92. Proposed Fire Alarm Bell

93. Proposed Fire Alarm Horn

94. Proposed Fire Alarm Siren

95. Proposed Fire Alarm Strobe

96. Proposed Fire Alarm Flasher

97. Proposed Fire Alarm Speaker

98. Proposed Fire Alarm Bell

99. Proposed Fire Alarm Horn

100. Proposed Fire Alarm Siren



S-13804

Measurements recorded in: Metric Imperial

A143692

Tag#: A143692

Page ___ of ___

Well Owner's Information

First Name: [blank], Last Name / Organization: Loblaw Properties Limited, E-mail Address: [blank], Mailing Address: 1 Presidents Choice Circle, Municipality: Brampton, Province: ON, Postal Code: L6Y5S5, Telephone No.: [blank]

Well Location

Address of Well Location: 1300 STITTVILLE MAIN ST., Township: [blank], Lot: [blank], Concession: [blank], City/Town/Village: STITTVILLE, Province: Ontario, Postal Code: [blank], UTM Coordinates: NAD 83, Zone 18, Easting 427000, Northing 5012861

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with 5 columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From To. Rows include BRN FILL GRAVEL LOOSE (0-0.61), BRN SAND SILT. DENSE (0.61-2.74), GRX SAND SILT. DENSE (2.74-5.79)

Annular Space table with 4 columns: Depth Set at (m/ft) From To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³). Rows include 0-0.3 CONCRETE FLUSHMOUNT, 0.3-3.96 BENTONITE, 3.96-5.79 SAND

Method of Construction and Well Use sections. Method of Construction includes Boring, Air percussion, etc. Well Use includes Public, Commercial, Municipal, etc.

Construction Record - Casing table with 5 columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From To, Status of Well. Row includes 3.45 PLASTIC 0.356 0 4.27

Construction Record - Screen table with 5 columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From To, Status of Well. Row includes 4.21 PLASTIC 10 4.27 5.79

Water Details and Hole Diameter sections. Water Details table has 3 rows for water found at different depths. Hole Diameter table has 1 row: 0 5.79 15.24

Well Contractor and Well Technician Information section. Business Name: STARRA SOIL SAMPLING INC, Business Address: 147 WEST BEAVER CREEK RD., Business E-mail Address: wrecorde@starrasoc.com, Well Technician: [blank], Date Submitted: 2013-04-13

Results of Well Yield Testing table with 5 columns: Time (min), Water Level (m/ft), Time (min), Water Level (m/ft). Includes sections for After test of well yield, Draw Down, Recovery, and Disinfected?

Map of Well Location section. Includes text: 'Please provide a map below following instructions on the back.' and handwritten note: 'SEE ATTACHED MAP (NW3)'

Well owner's information package delivered and Ministry Use Only section. Includes Date Package Delivered, Date Work Completed, and Audit No. Z 156993



5-13804

Measurements recorded in: Metric Imperial

A107805

A107805

Well Owner's Information

First Name: STRATON, Last Name / Organization: Lowlaw Properties Limited, E-mail Address: [blank], Mailing Address: 1 Presidents Choice Circle, Municipality: Brantford, Province: ON, Postal Code: N6B4Y5S5, Telephone No.: [blank]

Well Location

Address of Well Location: 1300 STITTSVILLE MAIN ST., Township: [blank], Lot: [blank], Concession: [blank], City/Town/Village: STITTSVILLE, Province: Ontario, Postal Code: [blank], UTM Coordinates: NAD 83, Zone: 18E, Easting: 427021, Northing: 5012942

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with 5 columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From/To. Rows include BRN FILL GRAVEL LOOSE (0-0.61), BRN SAND SILT. DENSE. (0.61-3.1), BRN SAND SILT. DENSE. (3.1-4.57)

Annular Space

Table with 4 columns: Depth Set at (m/ft) From/To, Type of Sealant Used, Volume Placed (m³/ft³). Rows include 0-0.3 Concrete/Flush Mount, 0.3-2.74 Bentonite, 2.74-4.57 Sand

Results of Well Yield Testing

Table with 4 columns: Draw Down, Recovery, Time (min), Water Level (m/ft). Includes sections for 'After test of well yield, water was:', 'If pumping discontinued, give reason:', 'Pump intake set at (m/ft)', 'Pumping rate (l/min / GPM)', 'Duration of pumping', 'Final water level end of pumping (m/ft)', 'If flowing give rate (l/min / GPM)', 'Recommended pump depth (m/ft)', 'Recommended pump rate (l/min / GPM)', 'Well production (l/min / GPM)', 'Disinfected?'

Method of Construction

Well Use

Method of Construction: Other, specify: AUGER. Well Use: Test Hole, Monitoring.

Construction Record - Casing

Status of Well

Construction Record - Casing: Inside Diameter 3.45, Material PLASTIC, Wall Thickness 3.56, Depth 0-3.1. Status of Well: Test Hole, Observation and/or Monitoring Hole.

Construction Record - Screen

Construction Record - Screen: Outside Diameter 4.21, Material PLASTIC, Slot No. 10, Depth 3.1-4.57. Status of Well: Other, specify.

Water Details

Hole Diameter

Water Details: Water found at Depth (m/ft) [blank], Kind of Water: Fresh Untested. Hole Diameter: Depth (m/ft) 0-4.57, Diameter (cm/in) 5.24.

Well Contractor and Well Technician Information

Business Name of Well Contractor: STRATA SOIL SAMPLING INC., Well Contractor's Licence No.: 7241, Business Address: 147 West Beaver Creek Rd., Municipality: Richmond Hill, Province: ON, Postal Code: L4B1C6, Business E-mail Address: wrecords@stratasoil.com, Name of Well Technician: [blank], Well Technician's Licence No.: 3716, Date Submitted: 20130619

Map of Well Location

Please provide a map below following instructions on the back. SEE ATTACHED MAP (NW 4)

Comments: [blank]

Well owner's information package delivered: Yes No, Date Package Delivered: YYY Y M M D D D, Date Work Completed: 20130318, Ministry Use Only: Audit No. Z156994

EXP Services Inc.
Wildpine Trails Inc.
Phase One Environmental Site Assessment
37 Wildpine Court, Ottawa, Ontario
OTT-002594116-A0
September 9, 2021

Appendix D: EcoLog ERIS Report



DATABASE REPORT

Project Property: *Phase I ESA - 37 Wildpine Court
37 Wildpine Court
Stittsville ON K2S 1C6*

Project No: *OTT-00259416-A0*

Report Type: *Standard Report*

Order No: *20200409065*

Requested by: *exp Services Inc.*

Date Completed: *April 13, 2020*

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Executive Summary: Summary By Data Source.....	14
Map.....	23
Aerial.....	24
Topographic Map.....	25
Detail Report.....	26
Unplottable Summary.....	79
Unplottable Report.....	81
Appendix: Database Descriptions.....	89
Definitions.....	98

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: *Phase I ESA - 37 Wildpine Court
37 Wildpine Court Stittsville ON K2S 1C6*

Project No: *OTT-00259416-A0*

Coordinates:

Latitude: *45.2666063*
Longitude: *-75.9277297*
UTM Northing: *5,012,986.27*
UTM Easting: *427,220.62*
UTM Zone: *18T*

Elevation: *386 FT
117.76 M*

Order Information:

Order No: *20200409065*
Date Requested: *April 9, 2020*
Requested by: *exp Services Inc.*
Report Type: *Standard Report*

Historical/Products:

City Directory Search *CD - Subject Site plus 250m Radius*
Insurance Products *Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	1	1
CA	<i>Certificates of Approval</i>	Y	0	1	1
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	1	1
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	5	5
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	10	10
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FED TANKS	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	34	34
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	15	15
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	1	1
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	2	2
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	12	12
Total:			0	83	83

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	EHS		1261 Stittsville Main St Ottawa ON	NW/132.3	1.12	26
2	WWIS		lot 24 con 11 ON Well ID: 1502894	S/150.6	1.06	26
3	WWIS		lot 23 con 11 ON Well ID: 1502838	WSW/156.2	2.12	28
4	WWIS		STITTSVILLE ON Well ID: 1535506	W/156.5	2.12	31
5	WWIS		lot 23 con 11 ON Well ID: 1502845	W/164.8	2.12	32
6	BORE		ON	W/164.8	2.12	34
7	PRT	GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON K2S1B8	W/165.8	2.12	35
7	EXP	GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON	W/165.8	2.12	36
7	EXP	GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W/165.8	2.12	36
7	EXP	GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W/165.8	2.12	36
7	EXP	GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W/165.8	2.12	36
7	EXP	GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W/165.8	2.12	37

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
7	EXP	GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON	W/165.8	2.12	37
7	EXP	GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W/165.8	2.12	37
7	EXP	GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W/165.8	2.12	37
7	EXP	GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W/165.8	2.12	37
7	EXP	GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W/165.8	2.12	38
8	WWIS		ON Well ID: 1511436	SW/183.9	2.12	38
9	CA	GOULBOURN TOWNSHIP	HOBIN ST./MAIN ST./FIFTH AVE. GOULBOURN TWP. ON	SSW/203.9	2.12	41
10	WWIS		STITTSVILLE ON Well ID: 7200386	W/204.5	2.12	41
11	WWIS		lot 23 con 11 ON Well ID: 1515572	SW/208.3	2.12	44
12	SPL	TEXACO	STITTSVILLE CARP RD. AND MAIN ST. SERVICE STATION GOULBOURN TWP. ON	WNW/211.1	1.12	46
13	PES	BRADLEY'S YOUR INDEPENDENT GROCER	1300 MAIN STREET STITTSVILLE ON K2C 1C5	WSW/212.1	2.12	47
13	PES	BRADLEY'S YOUR INDEPENDENT GROCER	1300 MAIN STREET STITTSVILLE ON K2S1A3	WSW/212.1	2.12	47
13	PES	NATIONAL GROCERS O/A BRADLEY'S YOUR INDEP. GROCER	1300 MAIN ST STITTSVILLE ON K2S1A3	WSW/212.1	2.12	48

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
13	GEN	STAR FASHION CLEANERS	1300 MAIN STREET STITTSVILLE ON K0A 3G0	WSW/212.1	2.12	48
13	GEN	STAR FASHION CLEANERS 34-560	1300 MAIN STREET STITTSVILLE ON K0A 3G0	WSW/212.1	2.12	48
13	GEN	GALAXY PHOTO	1300 MAIN STREET STITTSVILLE ON K2S 1B2	WSW/212.1	2.12	49
13	GEN	WADLAND PHARMACY LTD. DRUG STORE PHARM	1300 MAIN STREET STITTSVILLE ON K2S 1A3	WSW/212.1	2.12	49
13	PES	D. YEE CHEMISTS LTD	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW/212.1	2.12	49
13	PES	D. YEE CHEMISTS LTD	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW/212.1	2.12	50
13	PES	A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW/212.1	2.12	50
13	EHS		1300 Main Street Stittsville ON	WSW/212.1	2.12	50
13	PES	A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S 1A3	WSW/212.1	2.12	51
13	GEN	LOBLAW PROPERTIES LIMITED	1300 STITTSVILLE MAIN ST STITTSVILLE ON	WSW/212.1	2.12	51
13	GEN	Deschenes and Poitras Dental Centre	1300 Stittsville Main Suite 208 Stittsville ON	WSW/212.1	2.12	51
13	PES	A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW/212.1	2.12	52
13	GEN	A.L. Fairfax Pharmacy Inc.	1300 STITTSVILLE MAIN STREET, UNIT 101A	WSW/212.1	2.12	52

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			STITTSVILLE ON K2S 1A3			
13	GEN	Deschenes and Poitras Dental Centre	1300 Stittsville Main Suite 208 Stittsville ON K2S1A6	WSW/212.1	2.12	52
13	GEN	A.L. Fairfax Pharmacy Inc.	1300 STITTSVILLE MAIN STREET, UNIT 101A STITTSVILLE ON K2S 1A3	WSW/212.1	2.12	53
13	GEN	LOBLAW PROPERTIES LIMITED	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S 1A3	WSW/212.1	2.12	53
13	GEN	Deschenes and Poitras Dental Centre	1300 Stittsville Main Suite 208 Stittsville ON K2S1A6	WSW/212.1	2.12	53
13	GEN	A.L. Fairfax Pharmacy Inc.	1300 STITTSVILLE MAIN STREET, UNIT 101A STITTSVILLE ON K2S 1A3	WSW/212.1	2.12	53
13	PES	A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW/212.1	2.12	54
13	PES	BRADLEY'S YOUR INDEPENDENT GROCER	1300 MAIN STREET STITTSVILLE ON K2S1A3	WSW/212.1	2.12	54
13	PES	D. YEE CHEMISTS LTD	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW/212.1	2.12	55
13	GEN	Stan Tsykov Pharmacy Limited	1300 STITTSVILLE MAIN STREET, UNIT 101A STITTSVILLE ON K2S 1A3	WSW/212.1	2.12	55
14	WWIS		ON Well ID: 1510121	W/214.9	1.12	55
15	WWIS		STITTSVILLE ON Well ID: 7200383	WSW/216.4	2.12	58
16	WWIS		lot 23 con 11 ON	SSW/219.1	2.12	61

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1502843			
17	EASR	WILDPINE RESIDENCE INC.	10 WILDPINE CRT STITTSVILLE ON K2S 1C6	SE/221.8	-3.83	63
17	ECA	Wildpine Residence Inc.	10 Wildpine Crt Goulbourn Ottawa ON K1R 7X7	SE/221.8	-3.83	64
18	GEN	Stittsville & District Medical Centre	1339 Stittsville Main St Stittsville ON K2S 1B2	S/228.3	0.12	64
18	GEN	Stittsville & District Medical Centre	1339 Stittsville Main St Stittsville ON K2S 1B2	S/228.3	0.12	64
18	GEN	Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1B2	S/228.3	0.12	65
18	GEN	Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON	S/228.3	0.12	65
18	GEN	Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	S/228.3	0.12	65
18	GEN	Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	S/228.3	0.12	66
18	GEN	Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	S/228.3	0.12	66
18	GEN	Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	S/228.3	0.12	66
18	GEN	Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	S/228.3	0.12	67
19	WWIS		ON Well ID: 1514004	SSW/240.5	2.12	67
20	PES	2030599 ONTARIO LTD/ BROWNS YOUR INDEPENDENT GROCER	1251 MAIN ST STITTSVILLE ON K2S2E5	NNW/241.0	-0.91	70

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
20	SPL	Brown's Independent Grocer<UNOFFICIAL>	1251 Main Street, Stittsville BROWNS INDEPENDENT GROCER<UNOFFICIAL> Ottawa ON	NNW/241.0	-0.91	70
20	PES	2030599 ONTARIO LTD/ BROWNS YOUR INDEPENDENT GROCER	1251 MAIN ST STITTSVILLE ON K2S2E5	NNW/241.0	-0.91	71
20	EHS		1251 Main St. Stittsville ON	NNW/241.0	-0.91	71
20	GEN	Main Street Medical Centre	1251 Main St Stittsville ON	NNW/241.0	-0.91	71
20	PES	2030599 ONTARIO LTD/ BROWNS YOUR INDEPENDENT GROCER	1251 MAIN ST STITTSVILLE ON K2S2E5	NNW/241.0	-0.91	72
20	GEN	Main Street Medical Centre	1251 Stittsville Main st Ottawa ON	NNW/241.0	-0.91	72
20	EHS		1251 Stittsville Main St Ottawa ON K2S2E5	NNW/241.0	-0.91	72
20	GEN	Loblaw Companies Limited	1251 Main St. Stittsville ON K2S 2E5	NNW/241.0	-0.91	72
20	GEN	Main Street Medical Centre	1251 Stittsville Main st Ottawa ON K2S2E5	NNW/241.0	-0.91	73
20	GEN	Loblaw Companies Limited	1251 Main St. Stittsville ON K2S 2E5	NNW/241.0	-0.91	73
20	GEN	Main Street Medical Centre	1251 Stittsville Main st Ottawa ON K2S2E5	NNW/241.0	-0.91	73
20	GEN	2030599 Ontario Limited	1251 Stittsville Main Street Stittsville ON K2S2E5	NNW/241.0	-0.91	74
20	GEN	LOBLAWS INC.	1251 Main St. Stittsville ON K2S 2E5	NNW/241.0	-0.91	74

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
20	GEN	Main Street Medical Centre	1251 Stittsville Main st Ottawa ON K2S2E5	NNW/241.0	-0.91	74
20	EHS		1251 Stittsville Main St Ottawa ON K2S2E5	NNW/241.0	-0.91	74
20	PES	2030599 ONTARIO LIMITED	1251 Main Street Stittsville ON K2S 2E5	NNW/241.0	-0.91	75
20	GEN	2030599 Ontario Limited	1251 Stittsville Main Street Stittsville ON K2S2E5	NNW/241.0	-0.91	75
20	GEN	LOBLAWS INC.	1251 Main St. Stittsville ON K2S 2E5	NNW/241.0	-0.91	75
20	GEN	Main Street Medical Centre	1251 Stittsville Main st Ottawa ON K2S2E5	NNW/241.0	-0.91	76
21	WWIS		lot 23 con 11 ON Well ID: 1502837	SSW/244.5	2.12	76

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	W	164.79	6

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
GOULBOURN TOWNSHIP	HOBIN ST./MAIN ST./FIFTH AVE. GOULBOURN TWP. ON	SSW	203.94	9

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Mar 31, 2020 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
WILDPINE RESIDENCE INC.	10 WILDPINE CRT STITTSVILLE ON K2S 1C6	SE	221.84	17

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Mar 31, 2020 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Wildpine Residence Inc.	10 Wildpine Crt Goulbourn Ottawa ON K1R 7X7	SE	221.84	17

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 5 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1261 Stittsville Main St Ottawa ON	NW	132.30	1
	1300 Main Street Stittsville ON	WSW	212.07	13

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1251 Stittsville Main St Ottawa ON K2S2E5	NNW	241.04	20
	1251 Stittsville Main St Ottawa ON K2S2E5	NNW	241.04	20
	1251 Main St. Stittsville ON	NNW	241.04	20

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 10 EXP site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W	165.76	7
GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W	165.76	7
GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W	165.76	7
GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W	165.76	7

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W	165.76	7
GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W	165.76	7
GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W	165.76	7
GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON	W	165.76	7
GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON M9V 1B3	W	165.76	7
GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON	W	165.76	7

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 34 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
STAR FASHION CLEANERS	1300 MAIN STREET STITTSVILLE ON K0A 3G0	WSW	212.07	13
STAR FASHION CLEANERS 34-560	1300 MAIN STREET STITTSVILLE ON K0A 3G0	WSW	212.07	13
GALAXY PHOTO	1300 MAIN STREET STITTSVILLE ON K2S 1B2	WSW	212.07	13
WADLAND PHARMACY LTD. DRUG STORE PHARM	1300 MAIN STREET STITTSVILLE ON K2S 1A3	WSW	212.07	13

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
LOBLAW PROPERTIES LIMITED	1300 STITTSVILLE MAIN ST STITTSVILLE ON	WSW	212.07	<u>13</u>
Deschenes and Poiras Dental Centre	1300 Stittsville Main Suite 208 Stittsville ON	WSW	212.07	<u>13</u>
A.L. Fairfax Pharmacy Inc.	1300 STITTSVILLE MAIN STREET, UNIT 101A STITTSVILLE ON K2S 1A3	WSW	212.07	<u>13</u>
Deschenes and Poiras Dental Centre	1300 Stittsville Main Suite 208 Stittsville ON K2S1A6	WSW	212.07	<u>13</u>
A.L. Fairfax Pharmacy Inc.	1300 STITTSVILLE MAIN STREET, UNIT 101A STITTSVILLE ON K2S 1A3	WSW	212.07	<u>13</u>
LOBLAW PROPERTIES LIMITED	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S 1A3	WSW	212.07	<u>13</u>
Deschenes and Poiras Dental Centre	1300 Stittsville Main Suite 208 Stittsville ON K2S1A6	WSW	212.07	<u>13</u>
A.L. Fairfax Pharmacy Inc.	1300 STITTSVILLE MAIN STREET, UNIT 101A STITTSVILLE ON K2S 1A3	WSW	212.07	<u>13</u>
Stan Tsykov Pharmacy Limited	1300 STITTSVILLE MAIN STREET, UNIT 101A STITTSVILLE ON K2S 1A3	WSW	212.07	<u>13</u>
Stittsville & District Medical Centre	1339 Stittsville Main St Stittsville ON K2S 1B2	S	228.25	<u>18</u>
Stittsville & District Medical Centre	1339 Stittsville Main St Stittsville ON K2S 1B2	S	228.25	<u>18</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1B2	S	228.25	<u>18</u>
Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON	S	228.25	<u>18</u>
Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	S	228.25	<u>18</u>
Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	S	228.25	<u>18</u>
Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	S	228.25	<u>18</u>
Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	S	228.25	<u>18</u>
Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	S	228.25	<u>18</u>
Stittsville & District Medical Centre	1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	S	228.25	<u>18</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Main Street Medical Centre	1251 Main St Stittsville ON	NNW	241.04	<u>20</u>
Main Street Medical Centre	1251 Stittsville Main st Ottawa ON	NNW	241.04	<u>20</u>
Main Street Medical Centre	1251 Stittsville Main st Ottawa ON K2S2E5	NNW	241.04	<u>20</u>
Loblaw Companies Limited	1251 Main St. Stittsville ON K2S 2E5	NNW	241.04	<u>20</u>

Loblaw Companies Limited	1251 Main St. Stittsville ON K2S 2E5	NNW	241.04	20
Main Street Medical Centre	1251 Stittsville Main st Ottawa ON K2S2E5	NNW	241.04	20
2030599 Ontario Limited	1251 Stittsville Main Street Stittsville ON K2S2E5	NNW	241.04	20
LOBLAWS INC.	1251 Main St. Stittsville ON K2S 2E5	NNW	241.04	20
Main Street Medical Centre	1251 Stittsville Main st Ottawa ON K2S2E5	NNW	241.04	20
2030599 Ontario Limited	1251 Stittsville Main Street Stittsville ON K2S2E5	NNW	241.04	20
LOBLAWS INC.	1251 Main St. Stittsville ON K2S 2E5	NNW	241.04	20
Main Street Medical Centre	1251 Stittsville Main st Ottawa ON K2S2E5	NNW	241.04	20

PES - Pesticide Register

A search of the PES database, dated 1988 - Mar 2020 has found that there are 15 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW	212.07	13
D. YEE CHEMISTS LTD	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW	212.07	13
BRADLEY'S YOUR INDEPENDENT GROCER	1300 MAIN STREET STITTSVILLE ON K2S1A3	WSW	212.07	13

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW	212.07	13
A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW	212.07	13
A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S 1A3	WSW	212.07	13
D. YEE CHEMISTS LTD	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW	212.07	13
D. YEE CHEMISTS LTD	1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	WSW	212.07	13
NATIONAL GROCERS O/A BRADLEY'S YOUR INDEP. GROCER	1300 MAIN ST STITTSVILLE ON K2S1A3	WSW	212.07	13
BRADLEY'S YOUR INDEPENDENT GROCER	1300 MAIN STREET STITTSVILLE ON K2S1A3	WSW	212.07	13
BRADLEY'S YOUR INDEPENDENT GROCER	1300 MAIN STREET STITTSVILLE ON K2C 1C5	WSW	212.07	13

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
2030599 ONTARIO LIMITED	1251 Main Street Stittsville ON K2S 2E5	NNW	241.04	20
2030599 ONTARIO LTD/ BROWNS YOUR INDEPENDENT GROCER	1251 MAIN ST STITTSVILLE ON K2S2E5	NNW	241.04	20
2030599 ONTARIO LTD/ BROWNS YOUR INDEPENDENT	1251 MAIN ST STITTSVILLE ON K2S2E5	NNW	241.04	20

GROCER

2030599 ONTARIO LTD/ BROWNS YOUR INDEPENDENT GROCER	1251 MAIN ST STITTSVILLE ON K2S2E5	NNW	241.04	20
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PRT - Private and Retail Fuel Storage Tanks

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
GELINAS FERNAND	1280 MAIN ST N STITTSVILLE ON K2S1B8	W	165.76	7

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2019 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
TEXACO	STITTSVILLE CARP RD. AND MAIN ST. SERVICE STATION GOULBOURN TWP. ON	WNW	211.15	12

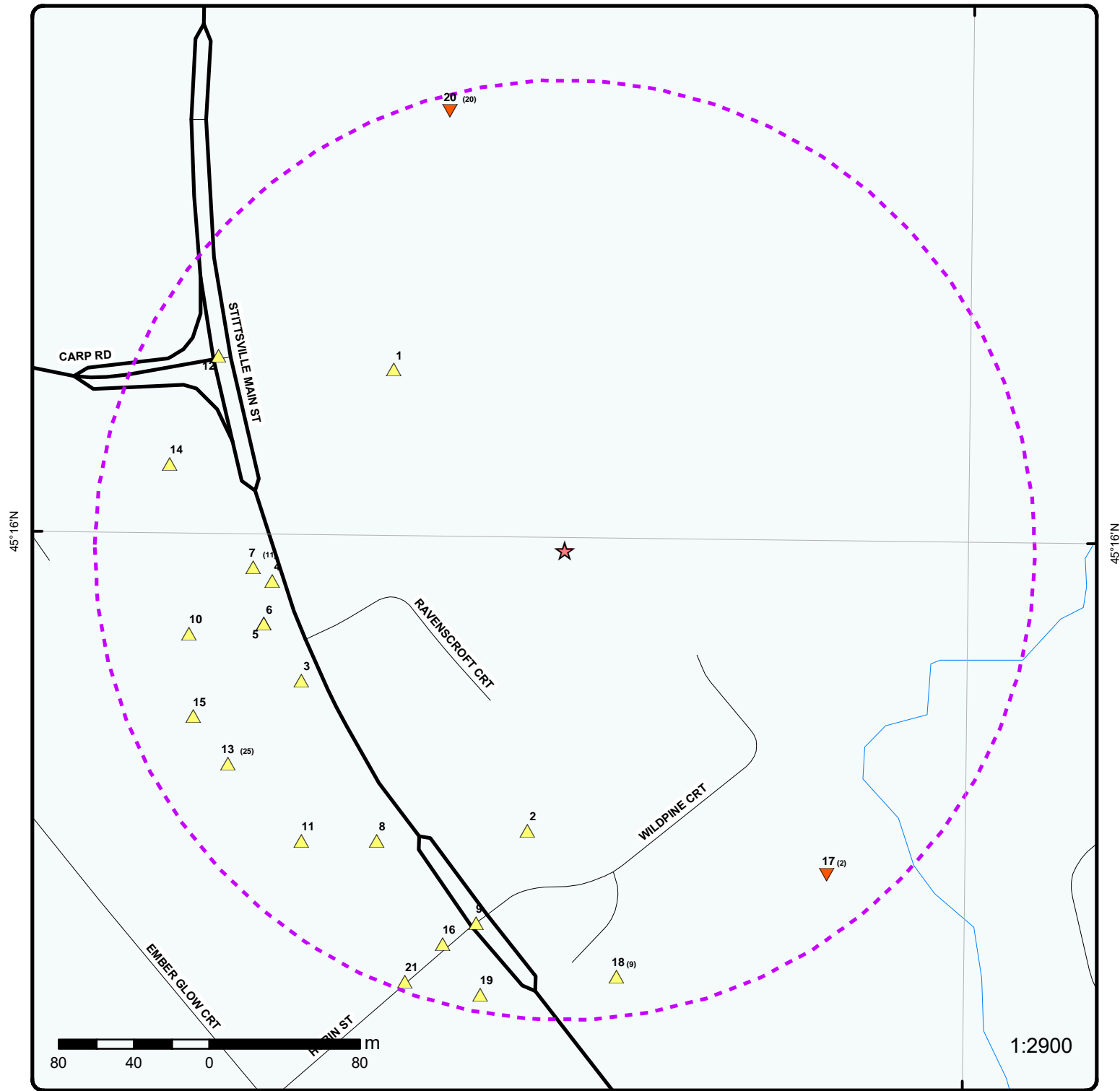
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Brown's Independent Grocer<UNOFFICIAL>	1251 Main Street, Stittsville BROWNS INDEPENDENT GROCER<UNOFFICIAL> Ottawa ON	NNW	241.04	20

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 12 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 24 con 11 ON <i>Well ID:</i> 1502894	S	150.61	2

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 23 con 11 ON <i>Well ID:</i> 1502838	WSW	156.22	<u>3</u>
	STITTSVILLE ON <i>Well ID:</i> 1535506	W	156.47	<u>4</u>
	lot 23 con 11 ON <i>Well ID:</i> 1502845	W	164.77	<u>5</u>
	ON <i>Well ID:</i> 1511436	SW	183.86	<u>8</u>
	STITTSVILLE ON <i>Well ID:</i> 7200386	W	204.47	<u>10</u>
	lot 23 con 11 ON <i>Well ID:</i> 1515572	SW	208.34	<u>11</u>
	ON <i>Well ID:</i> 1510121	W	214.94	<u>14</u>
	STITTSVILLE ON <i>Well ID:</i> 7200383	WSW	216.44	<u>15</u>
	lot 23 con 11 ON <i>Well ID:</i> 1502843	SSW	219.14	<u>16</u>
	ON <i>Well ID:</i> 1514004	SSW	240.52	<u>19</u>
	lot 23 con 11 ON <i>Well ID:</i> 1502837	SSW	244.53	<u>21</u>



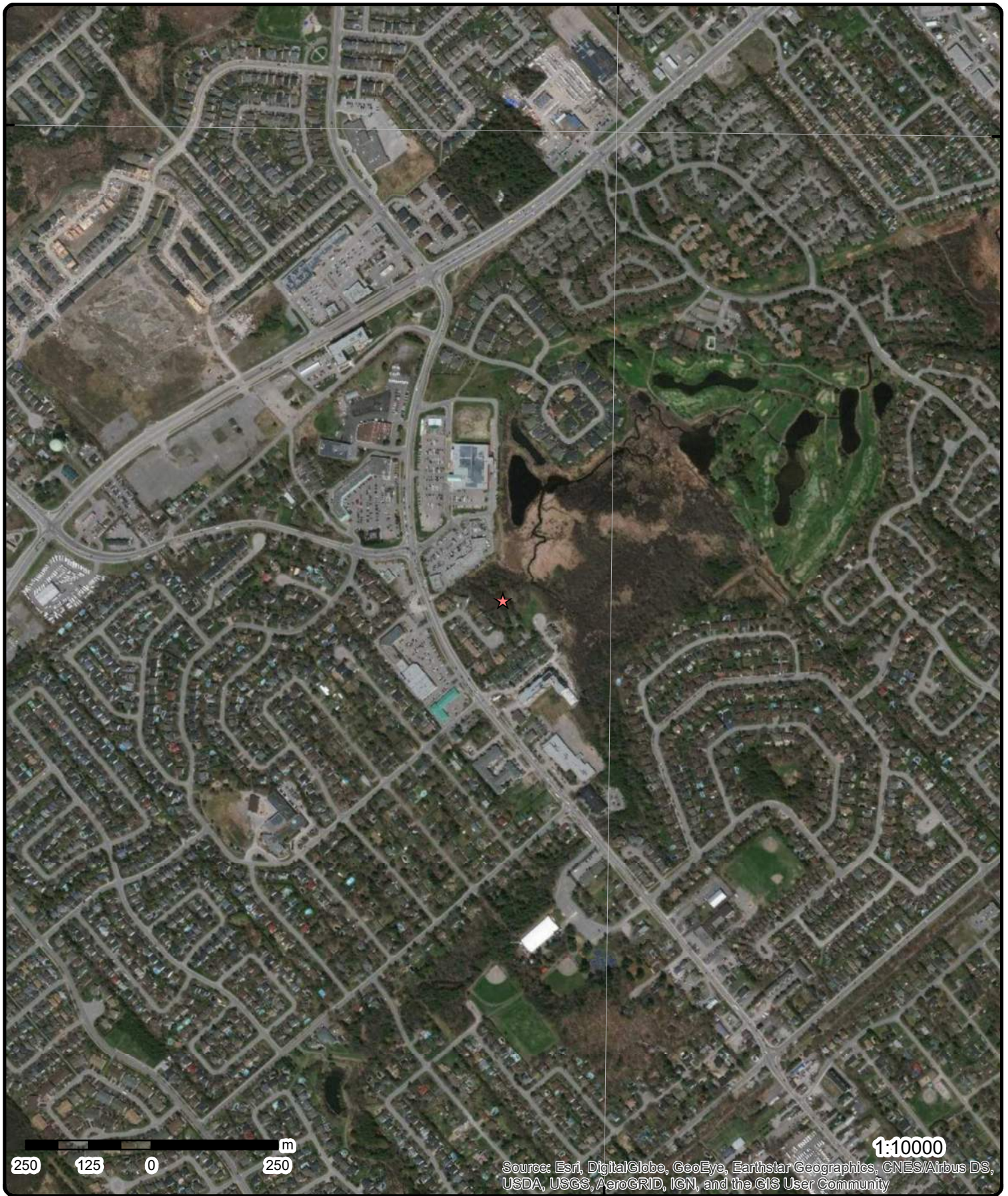
Map : 0.25 Kilometer Radius

Order Number: 20200409065

Address: 37 Wildpine Court, Stittsville, ON



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



Aerial Year: 2019

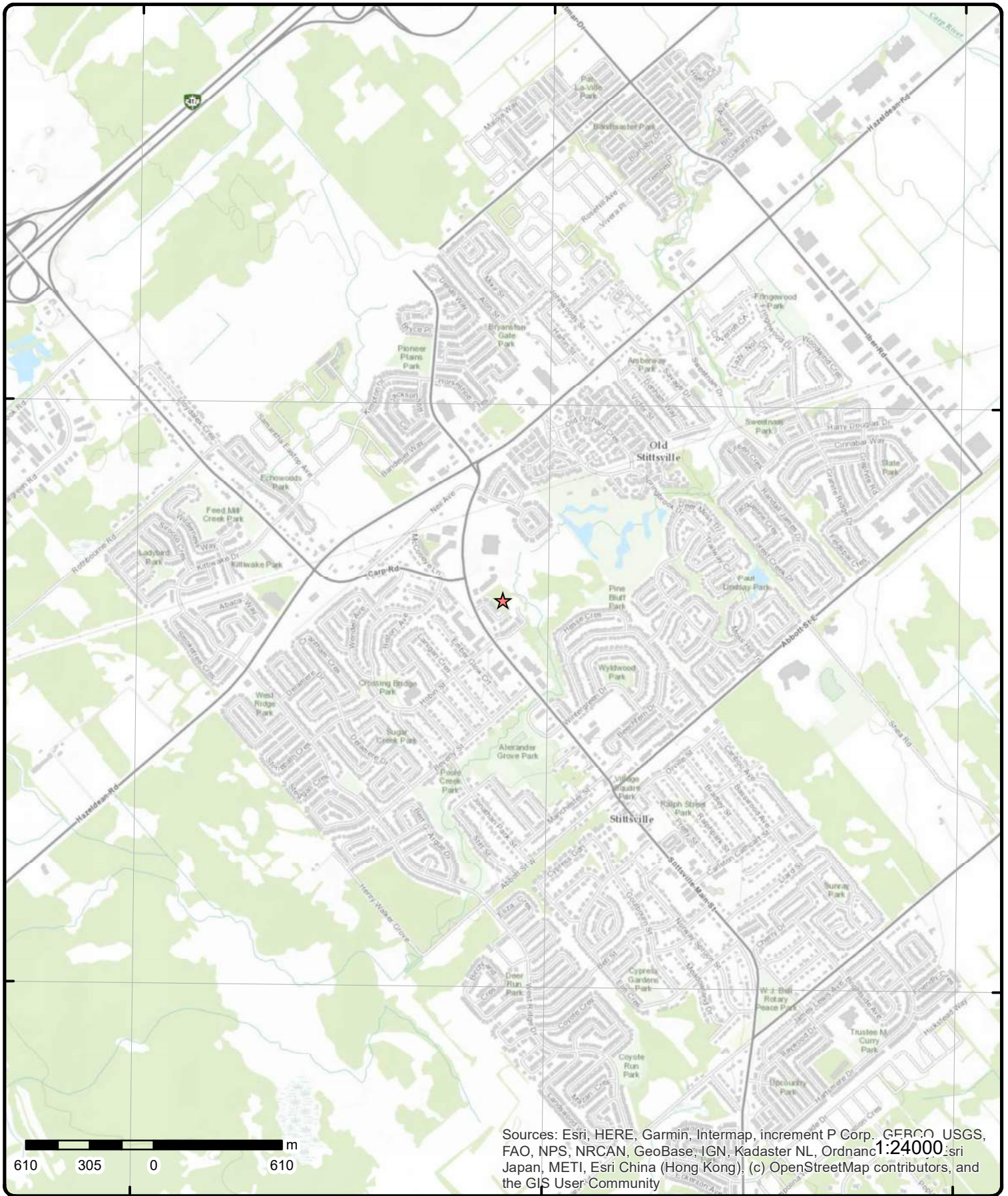
Address: 37 Wildpine Court, Stittsville, ON

Source: ESRI World Imagery

Order Number: 20200409065



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Topographic Map

Address: 37 Wildpine Court, ON

Source: ESRI World Topographic Map

Order Number: 20200409065



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	NW/132.3	118.9 / 1.12	1261 Stittsville Main St Ottawa ON	EHS
Order No: 20121005033 Status: C Report Type: Standard Report Report Date: 17-OCT-12 Date Received: 05-OCT-12 Previous Site Name: Lot/Building Size: 12,000 m ² (approximately) Additional Info Ordered:		Nearest Intersection: Municipality: Ottawa, Ontario Client Prov/State: ON Search Radius (km): .25 X: -75.929035 Y: 45.267521			

<u>2</u>	1 of 1	S/150.6	118.8 / 1.06	lot 24 con 11 ON	WWIS
Well ID: 1502894 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:		Data Entry Status: Data Src: 1 Date Received: 12/21/1949 Selected Flag: Yes Abandonment Rec: Contractor: 4824 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: STITTSVILLE VILLAGE (GOULBOURN) Site Info: Lot: 024 Concession: 11 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:			

Bore Hole Information

Bore Hole ID: 10024937 DP2BR: 12 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 2/18/1948 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	Elevation: 120.459457 Elevrc: Zone: 18 East83: 427200.6 North83: 5012837 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930995527			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930995528			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573507			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930042655			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:			930042654		
Layer:			1		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:					
Depth To:			12		
Casing Diameter:			4		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Results of Well Yield Testing</u>					
Pump Test ID:			991502894		
Pump Set At:					
Static Level:			12		
Final Level After Pumping:					
Recommended Pump Depth:			4		
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:			1		
Pumping Duration HR:			1		
Pumping Duration MIN:			0		
Flowing:			N		
<u>Water Details</u>					
Water ID:			933455704		
Layer:			1		
Kind Code:			1		
Kind:			FRESH		
Water Found Depth:			60		
Water Found Depth UOM:			ft		
<u>3</u>	1 of 1	WSW/156.2	119.9 / 2.12	lot 23 con 11 ON	WWIS
Well ID:	1502838			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	2/3/1954
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4824
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	STITTSVILLE VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	11
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	

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

Bore Hole Information

Bore Hole ID:	10024881	Elevation:	120.676536
DP2BR:	12	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	427080.6
Code OB Desc:	Bedrock	North83:	5012917
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	10/30/1953	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930995401
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	12
Formation End Depth:	68
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930995399
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930995400
Layer:	2
Color:	7
General Color:	RED
Mat1:	02

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		8			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573451			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930042541			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		12			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930042542			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		68			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991502838			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		10			
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Test Method:	1				
Pumping Duration HR:	0				
Pumping Duration MIN:	30				
Flowing:	N				
<u>Water Details</u>					
Water ID:	933455646				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	52				
Water Found Depth UOM:	ft				

<u>4</u>	1 of 1	W/156.5	119.9 / 2.12	STITTSVILLE ON	WWIS
Well ID:	1535506			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	5/28/2005
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1844
Casing Material:				Form Version:	3
Audit No:	Z27108			Owner:	
Tag:				Street Name:	1280 MAIN STREET
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	11316045	Elevation:	120.166938
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	-	East83:	427065
Code OB Desc:	No formation data	North83:	5012970
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/2/2005	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Annular Space/Abandonment
Sealing Record**

Plug ID:	933269458
Layer:	1
Plug From:	0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		6.5			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11330900			
Casing No:		1			
Comment:					
Alt Name:					
<u>Hole Diameter</u>					
Hole ID:		11533547			
Diameter:		28			
Depth From:		0			
Depth To:		6.5			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

5	1 of 1	W/164.8	119.9 / 2.12	lot 23 con 11 ON	WWIS
Well ID:	1502845			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/8/1955
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4824
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	STITTSVILLE VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	11
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10024888			Elevation:	120.470588
DP2BR:	20			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	427060.6
Code OB Desc:	Bedrock			North83:	5012947
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/22/1955			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930995416			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930995417			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		20			
Formation End Depth:		67			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573458			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930042556			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		67			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930042555			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991502845			
Pump Set At:		1			
Static Level:		15			
Final Level After Pumping:		20			
Recommended Pump Depth:		4			
Pumping Rate:		4			
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:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933455654			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		67			
Water Found Depth UOM:		ft			

[6](#)

1 of 1

W/164.8

119.9 / 2.12

ON

BORE

Borehole ID:	609555	Inclin FLG:	No
OGF ID:	215511171	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	AUG-1955	Municipality:	
Static Water Level:		Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.266237
Total Depth m:	20.4	Longitude DD:	-75.929764
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	427061
Drill Method:		Northing:	5012947

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments:	121 120			Location Accuracy: Accuracy:	Not Applicable
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218383500 6.1 20.4 Brown Limestone			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
					LIMESTONE. GREY. 00067N. GREY. 00069004800085NE. BROWN. 00101ISMIC VELOCITY = 2 **Note: Many records provided by the department have a truncated [Stratum Description] field.
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218383499 0 6.1 Gravel			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
					GRAVEL.
<u>Source</u>					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
					Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 02063 NTS_Sheet:
<u>Source List</u>					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
7	1 of 11	W/165.8	119.9 / 2.12	GELINAS FERNAND 1280 MAIN ST N STITTSVILLE ON K2S1B8	PRT
Location ID: Type: Expiry Date: Capacity (L): Licence #:	14093 retail 1994-05-31 90800 0076389568				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	2 of 11	W/165.8	119.9 / 2.12	GELINAS FERNAND 1280 MAIN ST N STITTSVILLE ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		9695585 388469 FS Facility FS Gasoline Station - Full Serve EXPIRED 			
7	3 of 11	W/165.8	119.9 / 2.12	GELINAS FERNAND 1280 MAIN ST N STITTSVILLE ON M9V 1B3	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10981652 FS Liquid Fuel Tank EXPIRED 5/12/1993			
7	4 of 11	W/165.8	119.9 / 2.12	GELINAS FERNAND 1280 MAIN ST N STITTSVILLE ON M9V 1B3	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11414138 FS Liquid Fuel Tank EXPIRED 5/12/1993			
7	5 of 11	W/165.8	119.9 / 2.12	GELINAS FERNAND 1280 MAIN ST N STITTSVILLE ON M9V 1B3	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11414124 FS Liquid Fuel Tank EXPIRED 5/12/1993			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	6 of 11	W/165.8	119.9 / 2.12	GELINAS FERNAND 1280 MAIN ST N STITTSVILLE ON M9V 1B3	EXP
<p>Instance No: 11414155 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 5/12/1993</p>					
7	7 of 11	W/165.8	119.9 / 2.12	GELINAS FERNAND 1280 MAIN ST N STITTSVILLE ON	EXP
<p>Instance No: 11414175 Instance ID: 82893 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:</p>					
7	8 of 11	W/165.8	119.9 / 2.12	GELINAS FERNAND 1280 MAIN ST N STITTSVILLE ON M9V 1B3	EXP
<p>Instance No: 10981652 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/12/1993</p>					
7	9 of 11	W/165.8	119.9 / 2.12	GELINAS FERNAND 1280 MAIN ST N STITTSVILLE ON M9V 1B3	EXP
<p>Instance No: 11414138 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/12/1993</p>					
7	10 of 11	W/165.8	119.9 / 2.12	GELINAS FERNAND 1280 MAIN ST N STITTSVILLE ON M9V 1B3	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance No: 11414124 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/12/1993					

<u>7</u>	11 of 11	W/165.8	119.9 / 2.12	GELINAS FERNAND 1280 MAIN ST N STITTSVILLE ON M9V 1B3	EXP
Instance No: 11414155 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/12/1993					

<u>8</u>	1 of 1	SW/183.9	119.9 / 2.12	ON	WWIS
Well ID: 1511436 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:					
Data Entry Status: Data Src: 1 Date Received: 10/8/1971 Selected Flag: Yes Abandonment Rec: Contractor: 3644 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: STITTSVILLE VILLAGE Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10033431 DP2BR: 26 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 8/17/1971 Remarks: Elevrc Desc: Location Source Date:					
Elevation: 120.777458 Elevrc: Zone: 18 East83: 427120.6 North83: 5012832 Org CS: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4					

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

Overburden and Bedrock Materials Interval

Formation ID: 931017710
 Layer: 2
 Color: 2
 General Color: GREY
 Mat1: 15
 Most Common Material: LIMESTONE
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 26
 Formation End Depth: 85
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931017709
 Layer: 1
 Color: 2
 General Color: GREY
 Mat1: 09
 Most Common Material: MEDIUM SAND
 Mat2: 13
 Other Materials: BOULDERS
 Mat3:
 Other Materials:
 Formation Top Depth: 0
 Formation End Depth: 26
 Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10582001
 Casing No: 1
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 930059364
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 85

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930059363			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		29			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991511436			
Pump Set At:					
Static Level:		27			
Final Level After Pumping:		75			
Recommended Pump Depth:		75			
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934643942			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		65			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901280			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934382363			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		55			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934098099					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 40					
Test Level UOM: ft					
Water Details					
Water ID: 933466584					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 84					
Water Found Depth UOM: ft					
<u>9</u>	1 of 1	SSW/203.9	119.9 / 2.12	GOULBOURN TOWNSHIP HOBIN ST./MAIN ST./FIFTH AVE. GOULBOURN TWP. ON	CA
Certificate #: 3-1005-93-					
Application Year: 93					
Issue Date: 9/7/1993					
Approval Type: Municipal sewage					
Status: Approved					
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<u>10</u>	1 of 1	W/204.5	119.9 / 2.12	STITTSVILLE ON	WWIS
Well ID: 7200386					
Construction Date:					
Primary Water Use: Monitoring and Test Hole					
Sec. Water Use:					
Final Well Status: Monitoring and Test Hole					
Water Type:					
Casing Material:					
Audit No: Z156994					
Tag: A107805					
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: 1004275093					
DP2BR:					
Spatial Status:					
Data Entry Status:					
Data Src:					
Date Received: 4/16/2013					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 7241					
Form Version: 7					
Owner:					
Street Name: 1300 STITTSVILLE MAIN ST					
County: OTTAWA-CARLETON					
Municipality: GOULBOURN TOWNSHIP					
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
Elevation: 120.824714					
Elevrc:					
Zone: 18					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:				East83:	427021
Code OB Desc:				North83:	5012942
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	3/18/2013			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1004827201
 Layer: 1
 Color: 6
 General Color: BROWN
 Mat1: 01
 Most Common Material: FILL
 Mat2: 11
 Other Materials: GRAVEL
 Mat3: 77
 Other Materials: LOOSE
 Formation Top Depth: 0
 Formation End Depth: 0.61
 Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1004827203
 Layer: 3
 Color: 6
 General Color: BROWN
 Mat1: 28
 Most Common Material: SAND
 Mat2: 06
 Other Materials: SILT
 Mat3: 66
 Other Materials: DENSE
 Formation Top Depth: 3.1
 Formation End Depth: 4.57
 Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1004827202
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 28
 Most Common Material: SAND
 Mat2: 06
 Other Materials: SILT
 Mat3: 66
 Other Materials: DENSE
 Formation Top Depth: 0.61
 Formation End Depth: 3.1
 Formation End Depth UOM: m

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004827212			
Layer:		2			
Plug From:		0.3			
Plug To:		2.74			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004827211			
Layer:		1			
Plug From:		0			
Plug To:		0.3			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004827213			
Layer:		3			
Plug From:		2.74			
Plug To:		4.57			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		E			
Method Construction:		Auger			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004827200			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004827206			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.1			
Casing Diameter:		3.45			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004827207			
Layer:		1			
Slot:		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top Depth:		3.1			
Screen End Depth:		4.57			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21			
<u>Hole Diameter</u>					
Hole ID:		1004827204			
Diameter:		15.24			
Depth From:		0			
Depth To:		4.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

11	1 of 1	SW/208.3	119.9 / 2.12	lot 23 con 11 ON	WWIS
Well ID:	1515572			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	9/28/1976
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	STITTSVILLE VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	11
Overburden/Bedrock:				Concession Name:	CON
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:	10037518	Elevation:	121.82769
DP2BR:	25	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	427080.6
Code OB Desc:	Bedrock	North83:	5012832
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	8/11/1976	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 931029588

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		10			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931029589			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		25			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931029587			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10586088			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Construction Record - Casing

Casing ID: 930066183
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 29
 Casing Diameter: 6
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930066184
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 65
 Casing Diameter: 6
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991515572
 Pump Set At:
 Static Level:
 Final Level After Pumping:
 Recommended Pump Depth:
 Pumping Rate:
 Flowing Rate:
 Recommended Pump Rate: 5
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 1
 Pumping Duration MIN: 0
 Flowing: N

Water Details

Water ID: 933471700
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 62
 Water Found Depth UOM: ft

12	1 of 1	WNW/211.1	118.9 / 1.12	TEXACO STITTSVILLE CARP RD. AND MAIN ST. SERVICE STATION GOULBOURN TWP. ON	SPL
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Ref No:	2841	Discharger Report:
Site No:		Material Group:
Incident Dt:	4/25/1988	Health/Env Conseq:
Year:		Client Type:
Incident Cause:	CONTAINER OVERFLOW	Sector Type:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 4/25/1988 Dt Document Closed: Incident Reason: UNKNOWN Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: TEXACO - EST 450 LITRES GASOLINE TO PAVEMENT AND GRAVEL. Contaminant Qty:				Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20604 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	

13	1 of 25	WSW/212.1	119.9 / 2.12	BRADLEY'S YOUR INDEPENDENT GROCER 1300 MAIN STREET STITTSVILLE ON K2C 1C5	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:				Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	

13	2 of 25	WSW/212.1	119.9 / 2.12	BRADLEY'S YOUR INDEPENDENT GROCER 1300 MAIN STREET STITTSVILLE ON K2S1A3	PES
Detail Licence No: 23-01-09786-0 Licence No: 09786 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: 0 Latitude: Longitude: Lot: Concession: Region: 4				Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 8313123 Operator Ext: Operator Lot: Oper Concession: Operator Region: 4 Operator District: 2 Operator County: 15 Op Municipality: Post Office Box:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
District:	2			MOE District:	
County:	15			SWP Area Name:	
Trade Name:					
PDF Link:					

13	3 of 25	WSW/212.1	119.9 / 2.12	NATIONAL GROCERS O/A BRADLEY'S YOUR INDEP. GROCER 1300 MAIN ST STITTSVILLE ON K2S1A3	PES
Detail Licence No:	23-01-12483-0			Operator Box:	
Licence No:	12483			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	613
Licence Type:	Limited Vendor			Oper Phone No:	8313123
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:	0			Oper Concession:	
Latitude:				Operator Region:	4
Longitude:				Operator District:	
Lot:				Operator County:	15
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					

13	4 of 25	WSW/212.1	119.9 / 2.12	STAR FASHION CLEANERS 1300 MAIN STREET STITTSVILLE ON K0A 3G0	GEN
Generator No:	ON1177700			PO Box No:	
Status:				Country:	
Approval Years:	89,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9729				
SIC Description:	OTHER LAUND. SERV.				
Detail(s)					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				

13	5 of 25	WSW/212.1	119.9 / 2.12	STAR FASHION CLEANERS 34-560 1300 MAIN STREET STITTSVILLE ON K0A 3G0	GEN
Generator No:	ON1177700			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9729				
SIC Description:	OTHER LAUND. SERV.				
Detail(s)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
13	6 of 25	WSW/212.1	119.9 / 2.12	GALAXY PHOTO 1300 MAIN STREET STITTSVILLE ON K2S 1B2	GEN
Generator No:	ON1888100			PO Box No:	
Status:				Country:	
Approval Years:	94,95,96,97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	6571				
SIC Description:	CAMERA/PHOTO. SUPPLY				
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
13	7 of 25	WSW/212.1	119.9 / 2.12	WADLAND PHARMACY LTD. DRUG STORE PHARM 1300 MAIN STREET STITTSVILLE ON K2S 1A3	GEN
Generator No:	ON2495901			PO Box No:	
Status:				Country:	
Approval Years:	00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	6031				
SIC Description:	PHARMACIES				
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
13	8 of 25	WSW/212.1	119.9 / 2.12	D. YEE CHEMISTS LTD 1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Limited Vendor			Oper Phone No:	
Licence Type Code:	23			Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>PDF Link:</i>					
13	9 of 25	WSW/212.1	119.9 / 2.12	D. YEE CHEMISTS LTD 1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
13	10 of 25	WSW/212.1	119.9 / 2.12	A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246 1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
13	11 of 25	WSW/212.1	119.9 / 2.12	1300 Main Street Stittsville ON	EHS
Order No: 20130111196 Status: C Report Type: Custom Report Report Date: 23-JAN-13 Date Received: 09-JAN-13 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.930056 Y: 46.610267			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	12 of 25	WSW/212.1	119.9 / 2.12	A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246 1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S 1A3	PES
Detail Licence No:	23-01-15644-0			Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	LIMITED			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					
13	13 of 25	WSW/212.1	119.9 / 2.12	LOBLAW PROPERTIES LIMITED 1300 STITTSVILLE MAIN ST STITTSVILLE ON	GEN
Generator No:	ON9199946			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	531120				
SIC Description:	LESSORS OF NON-RESIDENTIAL BUILDINGS (EXCEPT MINI-WAREHOUSES)				
Detail(s)					
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
13	14 of 25	WSW/212.1	119.9 / 2.12	Deschenes and Poitras Dental Centre 1300 Stittsville Main Suite 208 Stittsville ON	GEN
Generator No:	ON5613979			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
Detail(s)					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	15 of 25	WSW/212.1	119.9 / 2.12	A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246 1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	PES
Detail Licence No:				Operator Box:	
Licence No:	17715			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	613
Licence Type:	Limited Vendor			Oper Phone No:	8310901
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					

13	16 of 25	WSW/212.1	119.9 / 2.12	A.L. Fairfax Pharmacy Inc. 1300 STITTSVILLE MAIN STREET, UNIT 101A STITTSVILLE ON K2S 1A3	GEN
Generator No:	ON4991698			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	NASTRAN NAJAFI-FARD
MHSW Facility:	No			Phone No Admin:	4164931220 Ext.3218
SIC Code:	446110				
SIC Description:	446110				
Detail(s)					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				

13	17 of 25	WSW/212.1	119.9 / 2.12	Deschenes and Poitras Dental Centre 1300 Stittsville Main Suite 208 Stittsville ON K2S1A6	GEN
Generator No:	ON5613979			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Lauren e Roulton
MHSW Facility:	No			Phone No Admin:	6138317750 Ext.
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
Detail(s)					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	18 of 25	WSW/212.1	119.9 / 2.12	A.L. Fairfax Pharmacy Inc. 1300 STITTSVILLE MAIN STREET, UNIT 101A STITTSVILLE ON K2S 1A3	GEN
Generator No:	ON4991698			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	NASTRAN NAJAFI-FARD
MHSW Facility:	No			Phone No Admin:	4164931220 Ext.3218
SIC Code:	446110				
SIC Description:	446110				
Detail(s)					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
13	19 of 25	WSW/212.1	119.9 / 2.12	LOBLAW PROPERTIES LIMITED 1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S 1A3	GEN
Generator No:	ON9199946			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	DIANNE RIVET
MHSW Facility:	No			Phone No Admin:	613.822.0624 Ext.
SIC Code:	531120				
SIC Description:		LESSORS OF NON-RESIDENTIAL BUILDINGS (EXCEPT MINI-WAREHOUSES)			
Detail(s)					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
13	20 of 25	WSW/212.1	119.9 / 2.12	Deschenes and Poitras Dental Centre 1300 Stittsville Main Suite 208 Stittsville ON K2S1A6	GEN
Generator No:	ON5613979			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Lauren e Roultsen
MHSW Facility:	No			Phone No Admin:	6138317750 Ext.
SIC Code:	621110				
SIC Description:		OFFICES OF PHYSICIANS			
Detail(s)					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
13	21 of 25	WSW/212.1	119.9 / 2.12	A.L. Fairfax Pharmacy Inc. 1300 STITTSVILLE MAIN STREET, UNIT 101A STITTSVILLE ON K2S 1A3	GEN
Generator No:	ON4991698			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:				Co Admin: Phone No Admin:	
Detail(s)					
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
13	22 of 25	WSW/212.1	119.9 / 2.12	A.L. FAIRFAX PHARMACY INC / SHOPPERS DRUG MART # 1246 1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	PES
Detail Licence No:				Operator Box:	
Licence No:		15644		Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:		Legacy Licenses (Excluding TS)		Oper Area Code:	
Licence Type:		Limited Vendor		613	
Licence Type Code:		23		Oper Phone No:	
Licence Class:		01		8310901	
Licence Control:				Operator Ext:	
Latitude:				Operator Lot:	
Longitude:				Oper Concession:	
Lot:				Operator Region:	
Concession:				Operator District:	
Region:				Operator County:	
District:				Op Municipality:	
County:				Post Office Box:	
Trade Name:				MOE District:	
PDF Link:				SWP Area Name:	
13	23 of 25	WSW/212.1	119.9 / 2.12	BRADLEY'S YOUR INDEPENDENT GROCER 1300 MAIN STREET STITTSVILLE ON K2S1A3	PES
Detail Licence No:				Operator Box:	
Licence No:		09786		Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:		Legacy Licenses (Excluding TS)		Oper Area Code:	
Licence Type:		Retail Vendor Class 03		613	
Licence Type Code:		21		Oper Phone No:	
Licence Class:		03		8313123	
Licence Control:				Operator Ext:	
Latitude:				Operator Lot:	
Longitude:				Oper Concession:	
Lot:				Operator Region:	
Concession:				Operator District:	
Region:				Operator County:	
District:				Op Municipality:	
County:				Post Office Box:	
Trade Name:				MOE District:	
PDF Link:				SWP Area Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	24 of 25	WSW/212.1	119.9 / 2.12	D. YEE CHEMISTS LTD 1300 STITTSVILLE MAIN ST STITTSVILLE ON K2S1A3	PES
Detail Licence No: Licence No: 13882 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 8310901 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
13	25 of 25	WSW/212.1	119.9 / 2.12	Stan Tsykov Pharmacy Limited 1300 STITTSVILLE MAIN STREET, UNIT 101A STITTSVILLE ON K2S 1A3	GEN
Generator No: ON4991698 Status: Registered Approval Years: As of Oct 2019 Contam. Facility: MHSW Facility: SIC Code: SIC Description:		PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:			
<u>Detail(s)</u>					
Waste Class: 261 A					
Waste Class Desc: Pharmaceuticals					
Waste Class: 312 P					
Waste Class Desc: Pathological wastes					
14	1 of 1	W/214.9	118.9 / 1.12	ON	WWIS
Well ID: 1510121 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:		Data Entry Status: Data Src: 1 Date Received: 7/18/1969 Selected Flag: Yes Abandonment Rec: Contractor: 3644 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: STITTSVILLE VILLAGE Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N): Flow Rate: Clear/Cloudy:				Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	10032151			Elevation:	119.508155
DP2BR:	31			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	427010.6
Code OB Desc:	Bedrock			North83:	5013032
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	7/15/1969			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931013956				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	31				
Formation End Depth:	85				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931013954				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:	13				
Other Materials:	BOULDERS				
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	12				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931013955				
Layer:	2				
Color:	6				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		BROWN			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		31			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10580721			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930056916			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		85			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930056915			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		34			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991510121			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		75			
Recommended Pump Depth:		80			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test Code:	2				
Water State After Test:		CLOUDY			
Pumping Test Method:	2				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	N				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934378965				
Test Type:		Draw Down			
Test Duration:	30				
Test Level:	45				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934639985				
Test Type:		Draw Down			
Test Duration:	45				
Test Level:	60				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934896905				
Test Type:		Draw Down			
Test Duration:	60				
Test Level:	75				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934096786				
Test Type:		Draw Down			
Test Duration:	15				
Test Level:	30				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933465061				
Layer:	1				
Kind Code:	5				
Kind:	Not stated				
Water Found Depth:	85				
Water Found Depth UOM:	ft				

[15](#)

1 of 1

WSW/216.4

119.9 / 2.12

STITTSVILLE ON

WWIS

Well ID: 7200383
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use:
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z156996
Tag: A143737
Construction Method:

Data Entry Status:
Data Src:
Date Received: 4/16/2013
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 1300 STITTSVILLE MAIN ST
County: OTTAWA-CARLETON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	GOULBOURN TOWNSHIP

Bore Hole Information

Bore Hole ID:	1004275084	Elevation:	121.409172
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	427023
Code OB Desc:		North83:	5012898
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/18/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1004827154
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	0.61
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1004827153
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	11
Other Materials:	GRAVEL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	0.61
Formation End Depth UOM:	m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004827155			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		4.57			
Formation End Depth:		7.32			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004827165			
Layer:		3			
Plug From:		5.49			
Plug To:		7.32			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004827163			
Layer:		1			
Plug From:		0			
Plug To:		0.3			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004827164			
Layer:		2			
Plug From:		0.3			
Plug To:		5.49			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004827152			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 1004827158					
Layer: 1					
Material: 5					
Open Hole or Material: PLASTIC					
Depth From: 0					
Depth To: 5.79					
Casing Diameter: 0.45					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1004827159					
Layer: 1					
Slot: 10					
Screen Top Depth: 5.79					
Screen End Depth: 7.32					
Screen Material: 5					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter: 1.21					
<u>Hole Diameter</u>					
Hole ID: 1004827156					
Diameter: 8.25					
Depth From: 0					
Depth To: 7.32					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>16</u>	1 of 1	SSW/219.1	119.9 / 2.12	lot 23 con 11 ON	WWIS
Well ID: 1502843					
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:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10024886					
DP2BR: 20					
Spatial Status:					
Code OB: r					
Elevation: 121.15229					
Elevrc:					
Zone: 18					
East83: 427155.6					
Data Entry Status:					
Data Src: 1					
Date Received: 11/8/1955					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 4824					
Form Version: 1					
Owner:					
Street Name:					
County: OTTAWA-CARLETON					
Municipality: STITTSVILLE VILLAGE (GOULBOURN)					
Site Info:					
Lot: 023					
Concession: 11					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:	Bedrock			North83:	5012777
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/9/1955			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 930995412
Layer: 1
Color: 7
General Color: RED
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930995413
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 65
Formation End Depth UOM: ft

Method of Construction & Well
Use

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

Pipe Information

Pipe ID: 10573456
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Casing ID: 930042551
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930042552
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 65
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991502843
Pump Set At:
Static Level: 18
Final Level After Pumping: 22
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: 2
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933455652
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65
Water Found Depth UOM: ft

17	1 of 2	SE/221.8	113.9 / -3.83	WILDPINE RESIDENCE INC. 10 WILDPINE CRT STITTSVILLE ON K2S 1C6	EASR
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Approval No: R-009-1110284124
Status: REGISTERED
Date: 2017-11-16
Record Type: EASR
Link Source: MOFA
Project Type: Water Taking - Construction Dewatering
Full Address:

SWP Area Name: Mississippi Valley
MOE District: Ottawa
Municipality: STITTSVILLE
Latitude: 45.26527778
Longitude: -75.92611111
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Type:		EASR-Water Taking - Construction Dewatering			
Full PDF Link:		http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2046752			
17	2 of 2	SE/221.8	113.9 / -3.83	Wildpine Residence Inc. 10 Wildpine Crt Goulbourn Ottawa ON K1R 7X7	ECA
Approval No:		3480-AQGHU5		MOE District:	
Approval Date:		2017-08-31		City:	
Status:		Approved		Longitude:	
Record Type:		ECA		Latitude:	
Link Source:		IDS		Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
Project Type:		MUNICIPAL AND PRIVATE SEWAGE WORKS			
Address:		10 Wildpine Crt Goulbourn			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/1490-AQ4NYQ-14.pdf			
18	1 of 9	S/228.3	117.9 / 0.12	Stittsville & District Medical Centre 1339 Stittsville Main St Stittsville ON K2S 1B2	GEN
Generator No:		ON4119612		PO Box No:	
Status:				Country:	
Approval Years:		2010		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		621110, 621510			
SIC Description:		Offices of Physicians, Medical and Diagnostic Laboratories			
Detail(s)					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
18	2 of 9	S/228.3	117.9 / 0.12	Stittsville & District Medical Centre 1339 Stittsville Main St Stittsville ON K2S 1B2	GEN
Generator No:		ON4119612		PO Box No:	
Status:				Country:	
Approval Years:		2011		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		621110, 621510			
SIC Description:		Offices of Physicians, Medical and Diagnostic Laboratories			
Detail(s)					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	3 of 9	S/228.3	117.9 / 0.12	Stittsville & District Medical Centre 1339 Stittsville Main St Unit 1 Stittsville ON K2S 1B2	GEN
Generator No:	ON4119612			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621110, 621510				
SIC Description:	Offices of Physicians, Medical and Diagnostic Laboratories				
Detail(s)					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
18	4 of 9	S/228.3	117.9 / 0.12	Stittsville & District Medical Centre 1339 Stittsville Main St Unit 1 Stittsville ON	GEN
Generator No:	ON4119612			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621110, 621510				
SIC Description:	OFFICES OF PHYSICIANS, MEDICAL AND DIAGNOSTIC LABORATORIES				
Detail(s)					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
18	5 of 9	S/228.3	117.9 / 0.12	Stittsville & District Medical Centre 1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	GEN
Generator No:	ON4119612			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	621110, 621510				
SIC Description:	OFFICES OF PHYSICIANS, MEDICAL AND DIAGNOSTIC LABORATORIES				
Detail(s)					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	6 of 9	S/228.3	117.9 / 0.12	Stittsville & District Medical Centre 1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	GEN
Generator No:	ON4119612			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	621110, 621510				
SIC Description:	OFFICES OF PHYSICIANS, MEDICAL AND DIAGNOSTIC LABORATORIES				
Detail(s)					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
18	7 of 9	S/228.3	117.9 / 0.12	Stittsville & District Medical Centre 1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	GEN
Generator No:	ON4119612			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	621110, 621510				
SIC Description:	OFFICES OF PHYSICIANS, MEDICAL AND DIAGNOSTIC LABORATORIES				
Detail(s)					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
18	8 of 9	S/228.3	117.9 / 0.12	Stittsville & District Medical Centre 1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	GEN
Generator No:	ON4119612			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	9 of 9	S/228.3	117.9 / 0.12	Stittsville & District Medical Centre 1339 Stittsville Main St Unit 1 Stittsville ON K2S 1C6	GEN
Generator No:		ON4119612		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Oct 2019		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			

19	1 of 1	SSW/240.5	119.9 / 2.12	ON	WWIS
Well ID:		1514004		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Domestic		Date Received: 5/6/1974	
Sec. Water Use:		0		Selected Flag: Yes	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 1558	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: OTTAWA-CARLETON	
Elevation (m):				Municipality: STITTSVILLE VILLAGE	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		10035986		Elevation: 120.483177	
DP2BR:		22		Elevrc:	
Spatial Status:				Zone: 18	
Code OB:		r		East83: 427175.6	
Code OB Desc:		Bedrock		North83: 5012750	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC: 4	
Date Completed:		4/29/1974		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: p4	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931025062			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:		28			
Other Materials:		SAND			
Formation Top Depth:		0			
Formation End Depth:		22			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931025063			
Layer:		2			
Color:		8			
General Color:		BLACK			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		85			
Other Materials:		SOFT			
Mat3:					
Other Materials:					
Formation Top Depth:		22			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10584556			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930063575			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930063574			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		24			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991514004			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		60			
Recommended Pump Depth:		75			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934641840			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380848			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934099773			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899311			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933469770			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933469769			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
20	1 of 20	NNW/241.0	116.8 / -0.91	2030599 ONTARIO LTD/ BROWNS YOUR INDEPENDENT GROCER 1251 MAIN ST STITTSVILLE ON K2S2E5	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Limited Vendor			Oper Phone No:	
Licence Type Code:	23			Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					
20	2 of 20	NNW/241.0	116.8 / -0.91	Brown's Independent Grocer<UNOFFICIAL> 1251 Main Street, Stittsville BROWNS INDEPENDENT GROCER<UNOFFICIAL> Ottawa ON	SPL
Ref No:	8325-6L8KSJ			Discharger Report:	
Site No:				Material Group:	Gases/Particulates
Incident Dt:	1/16/2006			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	38			Nearest Watercourse:	
Contaminant Name:	REFRIGERANT GAS, N.O.S.			Site Address:	1251 MAIN STREET, STITTSVILLE
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	Ottawa
Nature of Impact:	Air Pollution			Site Lot:	
Receiving Medium:	Air			Site Conc:	
Receiving Env:				Northing:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>MOE Response: Dt MOE Arvl on Scrn: MOE Reported Dt: 1/20/2006 Dt Document Closed: Incident Reason: Site Name: 1251 MAIN STREET, STITTSVILLE Site County/District: Site Geo Ref Meth: Incident Summary: Refrig. R507, Browns Ind. Grocer, Stittsville Contaminant Qty: 390 lb</p> <p>Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:</p>					
20	3 of 20	NNW/241.0	116.8 / -0.91	2030599 ONTARIO LTD/ BROWNS YOUR INDEPENDENT GROCER 1251 MAIN ST STITTSVILLE ON K2S2E5	PES
<p>Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:</p> <p>Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:</p>					
20	4 of 20	NNW/241.0	116.8 / -0.91	1251 Main St. Stittsville ON	EHS
<p>Order No: 20130111195 Status: C Report Type: Custom Report Report Date: 23-JAN-13 Date Received: 09-JAN-13 Previous Site Name: Lot/Building Size: Additional Info Ordered:</p> <p>Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.928915 Y: 45.271067</p>					
20	5 of 20	NNW/241.0	116.8 / -0.91	Main Street Medical Centre 1251 Main St Stittsville ON	GEN
<p>Generator No: ON5195776 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 621110 SIC Description:</p> <p>PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	6 of 20	NNW/241.0	116.8 / -0.91	2030599 ONTARIO LTD/ BROWNS YOUR INDEPENDENT GROCER 1251 MAIN ST STITTSVILLE ON K2S2E5	PES
Detail Licence No: Licence No: 12596 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 8319268 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
20	7 of 20	NNW/241.0	116.8 / -0.91	Main Street Medical Centre 1251 Stittsville Main st Ottawa ON	GEN
Generator No: ON2646596 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 621110 SIC Description: OFFICES OF PHYSICIANS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
Detail(s)					
Waste Class: 312		Waste Class Desc: PATHOLOGICAL WASTES			
20	8 of 20	NNW/241.0	116.8 / -0.91	1251 Stittsville Main St Ottawa ON K2S2E5	EHS
Order No: 20151028027 Status: C Report Type: Custom Report Report Date: 03-NOV-15 Date Received: 28-OCT-15 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.929567 Y: 45.268013			
20	9 of 20	NNW/241.0	116.8 / -0.91	Loblaw Companies Limited 1251 Main St. Stittsville ON K2S 2E5	GEN
Generator No: ON6060682 Status: Approval Years: 2016 Contam. Facility: No		PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: SIC Description:	No 445110			Phone No Admin: SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES	
Detail(s)					
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			
20	10 of 20	NNW/241.0	116.8 / -0.91	Main Street Medical Centre 1251 Stittsville Main st Ottawa ON K2S2E5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2646596 2016 No No 621110			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: Canada CO_OFFICIAL Marsha Norton 613-831-7372 Ext.	
OFFICES OF PHYSICIANS					
Detail(s)					
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			
20	11 of 20	NNW/241.0	116.8 / -0.91	Loblaw Companies Limited 1251 Main St. Stittsville ON K2S 2E5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON6060682 2015 No No 445110			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: Canada CO_OFFICIAL	
SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES					
Detail(s)					
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			
20	12 of 20	NNW/241.0	116.8 / -0.91	Main Street Medical Centre 1251 Stittsville Main st Ottawa ON K2S2E5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2646596 2015 No No 621110			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: Canada CO_OFFICIAL Marsha Norton 613-831-7372 Ext.	
OFFICES OF PHYSICIANS					
Detail(s)					
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	13 of 20	NNW/241.0	116.8 / -0.91	2030599 Ontario Limited 1251 Stittsville Main Street Stittsville ON K2S2E5	GEN
Generator No:	ON5472246			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
20	14 of 20	NNW/241.0	116.8 / -0.91	LOBLAWS INC. 1251 Main St. Stittsville ON K2S 2E5	GEN
Generator No:	ON6060682			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	212 I				
Waste Class Desc:	Aliphatic solvents and residues				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
20	15 of 20	NNW/241.0	116.8 / -0.91	Main Street Medical Centre 1251 Stittsville Main st Ottawa ON K2S2E5	GEN
Generator No:	ON2646596			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
20	16 of 20	NNW/241.0	116.8 / -0.91	1251 Stittsville Main St Ottawa ON K2S2E5	EHS
Order No:	20170920115			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Site Report			Client Prov/State:	OH

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Date:	21-SEP-17			Search Radius (km): .001	
Date Received:	20-SEP-17			X: -75.928832	
Previous Site Name:				Y: 45.269191	
Lot/Building Size:					
Additional Info Ordered:					

20	17 of 20	NNW/241.0	116.8 / -0.91	2030599 ONTARIO LIMITED 1251 Main Street Stittsville ON K2S 2E5	PES
Detail Licence No:				Operator Box:	
Licence No:	L-232-6033746523			Operator Class:	
Status:	Active			Operator No:	
Approval Date:	2018-11-22			Operator Type:	
Report Source:	PEST-Limited Vendor			Oper Area Code:	
Licence Type:	Limited Vendor			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:	45.415			Operator Region:	
Longitude:	-75.68166667			Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	Ottawa
County:				SWP Area Name:	Rideau Valley
Trade Name:					
PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2106051				

20	18 of 20	NNW/241.0	116.8 / -0.91	2030599 Ontario Limited 1251 Stittsville Main Street Stittsville ON K2S2E5	GEN
Generator No:	ON5472246			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				

20	19 of 20	NNW/241.0	116.8 / -0.91	LOBLAWS INC. 1251 Main St. Stittsville ON K2S 2E5	GEN
Generator No:	ON6060682			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			

[20](#) 20 of 20 **NNW/241.0** **116.8 / -0.91** **Main Street Medical Centre
1251 Stittsville Main st
Ottawa ON K2S2E5** **GEN**

Generator No:	ON2646596	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Oct 2019	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

[21](#) 1 of 1 **SSW/244.5** **119.9 / 2.12** **lot 23 con 11
ON** **WWIS**

Well ID:	1502837	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	2/3/1954
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4824
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	STITTSVILLE VILLAGE (GOULBOURN)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	023
Well Depth:		Concession:	11
Overburden/Bedrock:		Concession Name:	CON
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:	10024880	Elevation:	121.798667
DP2BR:	18	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	427135.6
Code OB Desc:	Bedrock	North83:	5012757
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	10/6/1953	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

**Overburden and Bedrock
Materials Interval**

Formation ID: 930995398
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 18
Formation End Depth: 63
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 930995396
Layer: 1
Color: 7
General Color: RED
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 930995397
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 18
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Pipe ID:</i>		10573450			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930042540			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		18			
<i>Casing Diameter:</i>		4			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		991502837			
<i>Pump Set At:</i>					
<i>Static Level:</i>		12			
<i>Final Level After Pumping:</i>		15			
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>		3			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		0			
<i>Pumping Duration MIN:</i>		20			
<i>Flowing:</i>		N			
 <u>Water Details</u>					
<i>Water ID:</i>		933455645			
<i>Layer:</i>		1			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		55			
<i>Water Found Depth UOM:</i>		ft			

Unplottable Summary

Total: 21 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Loblaws	Lot 24, Conc. 11, Block 32, Plan 4M- 1103	Ottawa ON	
CA		Lot 24, Concession 11, Stittsville	Goulbourn ON	
CA	Loblaws	Lot 24, Conc. 11, Block 32, Plan 4M- 1103	Ottawa ON	
CA	LANTANA DEVELOPMENTS INC.	HOBIN STREET	GOULBOURN TWP. ON	
CA	G.E. REDDOM	CARP RD. (WEST CARLETON)	GOULBOURN TWP. ON	
CA	LANTANA DEVELOPMENTS INC.	HOBIN ST.	GOULBOURN TWP. ON	
CA	LANTANA DEVELOPMENTS INC.	HOBIN ST.	GOULBOURN TWP. ON	
CA	M. HOLITZNER HOMES LTD.-MANOR HOMES DEVE	PRIVATE RD.-LOT 24, CONC. 11	GOULBOURN TWP. ON	
CA	LANTANA DEVELOPMENTS INC.	HOBIN ST.	GOULBOURN TWP. ON	
CA	M. HOLITZNER LIMITED	RR #5 (MAIN ST.)	GOULBOURN TWP. ON	
CONV	Loblaws Companies Limited		Ottawa ON	
GEN	OTTAWA-CARLTON (OUT OF BUSINESS)	REGIONAL ROAD #5 AT STITTSVILLE VILLAGE	OTTAWA ON	
SPL	Loblaws Properties Limited	Loblaws	Ottawa ON	
SPL	TRANSPORT TRUCK	CARP RD MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	K2S 1B9
SPL		Carp Road (between Hazeldean and Stittsville Main), Stittsville	Ottawa ON	
SPL	CP BULK SYSTEMS	STITTSVILLE MAIN ST. ESSO SERVICE STATION TANK TRUCK (CARGO)	GOULBOURN TWP. ON	
SPL	LOBLAWS		OTTAWA CITY ON	
SPL	UNKNOWN	MARLBOROUGH CREEK LOT 24, CON II	GOULBOURN TWP. ON	

SPL	NATIONAL GROCERS	MOTOR VEHICLE (OPERATING FLUID)	OTTAWA ON
SPL	CP BULK SYSTEMS	STITTSVILLE TEXACO SERVICE STN TANK TRUCK (CARGO)	GOULBOURN TWP. ON
SPL		Loblaws	Ottawa ON

Unplottable Report

Site: **Loblaws**
Lot 24, Conc. 11, Block 32, Plan 4M- 1103 Ottawa ON

Database:
CA

Certificate #: 4714-4UUTU4
Application Year: 01
Issue Date: 3/28/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: T. L. Properties IV Ltd.
Client Address: 104 Centrepointe Drive, Suite 200
Client City: Nepean
Client Postal Code: K2G 6B1
Project Description: Sanitary and storm sewers to be constructed on Easement, Part 23, Plan 4R-16275
Contaminants:
Emission Control:

Site: **Lot 24, Concession 11, Stittsville Goulbourn ON**

Database:
CA

Certificate #: 8705-4NQHP3
Application Year: 00
Issue Date: 9/7/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: T.L. Properties Iv Ltd.
Client Address: 104 Centrepointe Drive, #200
Client City: Nepean
Client Postal Code: K2G 6B1
Project Description: This application is for the construction of a storm water management pond and outlet for quantity and quality control including a forebay, permanent pool, extended storage, outlet structure and overflow spillway to Poole Creek.
Contaminants:
Emission Control:

Site: **Loblaws**
Lot 24, Conc. 11, Block 32, Plan 4M- 1103 Ottawa ON

Database:
CA

Certificate #: 5813-4UUTBU
Application Year: 01
Issue Date: 3/28/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: T. L. Properties IV Ltd.
Client Address: 104 Centrepointe Drive, Suite 200
Client City: Nepean
Client Postal Code: K2G 6B1
Project Description: Watermains to be constructed on Easement, Part 24, Plan 4R- 16275
Contaminants:
Emission Control:

Site: **LANTANA DEVELOPMENTS INC.**
HOBIN STREET GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-2232-87-
Application Year: 87
Issue Date: 12/30/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **G.E. REDDOM**
CARP RD. (WEST CARLETON) GOULBOURN TWP. ON

Database:
CA

Certificate #: 7-1099-88-
Application Year: 88
Issue Date: 7/25/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **LANTANA DEVELOPMENTS INC.**
HOBIN ST. GOULBOURN TWP. ON

Database:
CA

Certificate #: 7-1881-87-
Application Year: 87
Issue Date: 12/30/1987
Approval Type: Municipal water
Status: Underwent 1st revision in 1988
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **LANTANA DEVELOPMENTS INC.**
HOBIN ST. GOULBOURN TWP. ON

Database:
CA

Certificate #: 7-0922-88-
Application Year: 88
Issue Date: 6/28/1988
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: M. HOLITZNER HOMES LTD.-MANOR HOMES DEVE
PRIVATE RD.-LOT 24, CONC. 11 GOULBOURN TWP. ON

Database:
CA

Certificate #: 7-0909-90-
Application Year: 90
Issue Date: 6/26/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: LANTANA DEVELOPMENTS INC.
HOBIN ST. GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-1071-88-
Application Year: 88
Issue Date: 7/8/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: M. HOLITZNER LIMITED
RR #5 (MAIN ST.) GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-1408-92-
Application Year: 92
Issue Date: 10/21/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Loblaw Companies Limited
Ottawa ON

Database:
CONV

File No: 097267
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:

Location:
Region:
Ministry District:

Investigation 1:
Investigation 2:
Penalty Imposed:
Description:

On April 19, 2011, Loblaw Companies Limited/Les Compagnies Loblaw Limitee pleaded guilty to one violation under the Environmental Protection Act for causing the discharge of a refrigerant into the air within a building or into the natural environment. The Court heard that the company owns and operates a property in Ottawa. The company uses a refrigeration contractor to install, maintain and service the equipment at this location. During such work, a release of refrigerant was reported to the ministry. The release was inside a building that was vented via exhaust fans to the natural environment. The refrigerant contains hydrochlorofluorocarbon and is considered an ozone depleting substance. The company was charged following an investigation by the ministry's Investigations and Enforcement Branch. The company was fined \$30,000 plus a victim fine surcharge and was given 30 days to pay the fine.

Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section:
Act/Regulation/Section: EPA
Date of Offence:
Date of Conviction:
Date Charged: April 19, 2011
Charge Disposition: fine, victim fine surcharge
Fine: \$30,000
Synopsis:

Site: OTTAWA-CARLTON (OUT OF BUSINESS)
REGIONAL ROAD #5 AT STITTSVILLE VILLAGE OTTAWA ON

Database:
GEN

Generator No: ON0303102
Status:
Approval Years: 98
Contam. Facility:
MHSW Facility:
SIC Code: 8351
SIC Description: EXEC./LEGIS. ADMIN.
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES
Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Site: Loblaw Properties Limited
Loblaws Ottawa ON

Database:
SPL

Ref No: 2287-7FNKE6
Site No:
Incident Dt:
Year:
Incident Cause: Discharge or Emission to Air
Incident Event:
Contaminant Code: 38
Contaminant Name: FREON R-22 (CFC)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Air Pollution
Receiving Medium:
Receiving Env:
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: NA

MOE Response: No Field Response
Dt MOE Arvl on Scn: 6/16/2008
MOE Reported Dt: 9/8/2008
Dt Document Closed: Equipment Failure - Malfunction of system components
Incident Reason: Loblaws
Site Name: Loblaws
Site County/District:
Site Geo Ref Meth:
Incident Summary: Loblaws, 625 lb of R22 released to atmosphere.
Contaminant Qty: 625 lb

Easting: NA
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Air Spills - Gases and Vapours
Source Type:

Site: **TRANSPORT TRUCK** **Database:**
SPL
CARP RD MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K2S 1B9

Ref No: 194415
Site No:
Incident Dt: 2/6/2001
Year:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Soil contamination
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/6/2001
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: TRANSPORT TRUCK,CDN WASTE SERVICES 170L DIESEL TO GRND. CONTAINED CLEANED
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20107
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: **Carp Road (between Hazeldean and Stittsville Main), Stittsville Ottawa ON** **Database:**
SPL

Ref No: 4602-9PMMJY
Site No: NA
Incident Dt: 2014/10/06
Year:
Incident Cause: Unknown / N/A
Incident Event:
Contaminant Code: 15
Contaminant Name: MOTOR OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Other Impact(s)
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 2014/10/06
Dt Document Closed: 2014/11/03
Incident Reason: Unknown / N/A
Site Name: Sanitary sewer<UNOFFICIAL>
Site County/District:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type: Sewer (Private or Municipal)
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address: Carp Road (between Hazeldean and Stittsville Main), Stittsville
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type:

Site Geo Ref Meth:
Incident Summary: Stittsville, motor oil in sewer, city investigating source
Contaminant Qty: 0 other - see incident description

Site: CP BULK SYSTEMS
STITTSVILLE MAIN ST. ESSO SERVICE STATION TANK TRUCK (CARGO) GOULBOURN TWP. ON

Database:
SPL

Ref No:	32340	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	3/20/1990	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	CONTAINER OVERFLOW	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20604
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Nothing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	3/20/1990	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	ERROR	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CP BULK SYSTEMS-MAX200 L.GASOLINE TO GROUND FROM UND-GROUND TANK, DELIVERY		
Contaminant Qty:			

Site: LOBLAWS
OTTAWA CITY ON

Database:
SPL

Ref No:	49925	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	5/1/1991	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20101
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Nothing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	5/1/1991	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	OVERSTRESS/OVERPRESSURE	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	LOBLAWS - HYDRAULIC OIL TO GROUND AND CATCHBASIN FROM BROKEN HOSE		
Contaminant Qty:			

Site: UNKNOWN
MARLBOROUGH CREEK LOT 24, CON II GOULBOURN TWP. ON

Database:
SPL

Ref No: 57256
Site No:
Incident Dt: 9/13/1991
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: CONFIRMED
Nature of Impact: Surface Water Pollution
Receiving Medium: WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/13/1991
Dt Document Closed:
Incident Reason: INTENTIONAL/PLANNED
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: UNKNOWN LIQUID DUMPED IN CREEK FROM TRUCK
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20604
Site Lot:
Site Conc:
Northing:
Easting: MOE
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: NATIONAL GROCERS
MOTOR VEHICLE (OPERATING FLUID) OTTAWA ON

Database:
SPL

Ref No: 191981
Site No:
Incident Dt: 12/13/2000
Year:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/13/2000
Dt Document Closed:
Incident Reason: OTHER
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: NATIONAL GROCERS-14L ENG-INE OIL TO PVMT ONLY; NO DRAINS. CLEANING.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20107
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: CP BULK SYSTEMS
STITTSVILLE TEXACO SERVICE STN TANK TRUCK (CARGO) GOULBOURN TWP. ON

Database:
SPL

Ref No: 29932
Site No:
Incident Dt: 1/16/1990
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:

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

Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/16/1990
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: CP BULK SYSTEMS - 150 L GASOLINE TO GROUND AT SERVICE STN.
Contaminant Qty:

Site Postal Code:
Site Region:
Site Municipality: 20604
Site Lot:
Site Conc:
Northing:
Easting: FD, MCCR
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: Loblaws Ottawa ON

Database:
 SPL

Ref No: 1360-BFGSKX
Site No: NA
Incident Dt: 8/28/2019
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 38
Contaminant Name: REFRIGERANT GAS, N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1078
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/28/2019
Dt Document Closed:
Incident Reason: Operator/Human Error
Site Name: 200 Earl Grey Drive <UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Loblaws: R507 leaked to atmosphere
Contaminant Qty: 408 kg

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type:
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: Loblaws
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Air Spills - Gases and Vapours
Source Type: Valve/Fitting/Piping

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Jan 31, 2020

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Feb 28, 2017

Chemical Register:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 - Feb 2020

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Nov 2019

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Feb 29, 2020

Drill Hole Database:

Provincial DRL

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

Government Publication Date: 1886 - Sep 2019

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011-Mar 31, 2020

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994-Feb 29, 2020

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011-Mar 31, 2020

Environmental Effects Monitoring:

Federal [EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

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

Government Publication Date: 1999-Jan 31, 2020

Environmental Issues Inventory System:

Federal [EIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial [EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial [EPAR](#)

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

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

List of Expired Fuels Safety Facilities:

Provincial EXP

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

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

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal FCS

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

Government Publication Date: Jun 2000-Nov 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal FED TANKS

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

Government Publication Date: May 31, 2018

Fisheries & Oceans Fuel Tanks:

Federal FOFT

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

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank:

Provincial FST

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

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial GEN

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

Government Publication Date: 1986-Jan 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Dec 31, 2019

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Feb 29, 2020

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

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

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

Orders:

Provincial

[ORD](#)

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

Government Publication Date: 1994-Feb 29, 2020

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

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

Government Publication Date: 1988 - Mar 2020

Pipeline Incidents:

Provincial

[PINC](#)

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

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

Government Publication Date: 1994-Feb 29, 2020

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2020

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Jan 31, 2020

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Aug 2019

Wastewater Discharger Registration Database:

Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal TCFT

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

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

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

Government Publication Date: Oct 2011-Mar 31, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial [WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial [WWIS](#)

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

Government Publication Date: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

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

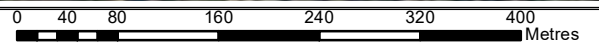
'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

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

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

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

Appendix E: Aerial Photographs



LEGEND

- PHASE ONE STUDY AREA (250m)
- PHASE ONE PROPERTY BOUNDARY



exp Services Inc.

100-2650 Queensview Drive
 Ottawa, Ontario
 K2B 8H6
 T - (613) - 688-1899
 F - (613) - 225-7337

DATE: April 2020	PROJECT TITLE: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 37 Wildpine Court, Ottawa, Ontario	PROJECT No.: OTT-00259416-A0
DESIGN: LW	DRAWING TITLE: 1976 AERIAL PHOTOGRAPH	SCALE: AS SHOWN
DRAWN BY: LW		FIG E-1



LEGEND

- PHASE ONE STUDY AREA (250m)
- PHASE ONE PROPERTY BOUNDARY



exp Services Inc.

100-2650 Queensview Drive
 Ottawa, Ontario
 K2B 8H6
 T - (613) - 688-1899
 F - (613) - 225-7337

DATE: April 2020	PROJECT TITLE: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 37 Wildpine Court, Ottawa, Ontario	PROJECT No.: OTT-00259416-A0
DESIGN: LW	DRAWING TITLE: 1991 AERIAL PHOTOGRAPH	SCALE: AS SHOWN
DRAWN BY: LW		FIG E-2
		CHECKED: CK



LEGEND

- PHASE ONE STUDY AREA (250m)
- PHASE ONE PROPERTY BOUNDARY



exp Services Inc.

100-2650 Queensview Drive
 Ottawa, Ontario
 K2B 8H6
 T - (613) - 688-1899
 F - (613) - 225-7337

DATE: April 2020	PROJECT TITLE: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 37 Wildpine Court, Ottawa, Ontario	PROJECT No.: OTT-00259416-A0
DESIGN: LW	DRAWING TITLE: 1999 AERIAL PHOTOGRAPH	SCALE: AS SHOWN
DRAWN BY: LW		FIG E-3



LEGEND

- PHASE ONE STUDY AREA (250m)
- PHASE ONE PROPERTY BOUNDARY



exp Services Inc.

100-2650 Queensview Drive
 Ottawa, Ontario
 K2B 8H6
 T - (613) - 688-1899
 F - (613) - 225-7337

DATE:	April 2020	PROJECT TITLE:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 37 Wildpine Court, Ottawa, Ontario	PROJECT No.:	OTT-00259416-A0
DESIGN:	LW	CHECKED:	CK	SCALE:	AS SHOWN
DRAWN BY:	LW	DRAWING TITLE:	2005 AERIAL PHOTOGRAPH		FIG E-4



LEGEND

- PHASE ONE STUDY AREA (250m)
- PHASE ONE PROPERTY BOUNDARY



exp Services Inc.

100-2650 Queensview Drive
 Ottawa, Ontario
 K2B 8H6
 T - (613) - 688-1899
 F - (613) - 225-7337

DATE: April 2020	PROJECT TITLE: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 37 Wildpine Court, Ottawa, Ontario	PROJECT No.: OTT-00259416-A0
DESIGN: LW	DRAWING TITLE: 2017 AERIAL PHOTOGRAPH	SCALE: AS SHOWN
DRAWN BY: LW		FIG E-5

Appendix F: Site Photographs



Photograph No. 1

View of southwest part Phase I property looking west.



Photograph No. 2

View of Quonset hut in southwest corner of the property.



Photograph No. 3

View of storage shed located south of residence.



Photograph No. 4

View of the front of the residence looking west



Photograph No. 5

View of fill/vent pipes located on the east side of the residence.



Photograph No. 6

View of Poole Creek and elevation change from the south and north parts of the property.



Photograph No. 7

View of the wooded, north part of the property.



Photograph No. 8

View of the adjacent wetland to the east followed by residential properties.



Photograph No. 9

View of the adjacent residential properties to the west.



Photograph No. 10

View of the adjacent residential properties to the south.