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Phase I Environmental Site Assessment

6001 and 6005 Renaud Road
Ottawa, Ontario

Prepared For

Landric Homes

March 23, 2021

Report: PE5210-1

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EXECUTIVE SUMMARY

A Phase I - Environmental Site Assessment (ESA) was carried out for the properties addressed 6001 and 6005 Renaud Road in the City of Ottawa. The purpose of this environmental assessment was to research the past and current use of the site and adjacent properties and identify any environmental concerns with the potential to have impacted the subject site.

The review of available historic information indicates that the subject properties were previously comprised of agricultural land, before being developed for residential purposes between 1968 and 1985.

Surrounding properties have historically been used for agriculture and some residential use, with large-scale residential development occurring from the mid 2000's to present. Some commercial properties were identified in the Phase I study area, including one PCA, a private fuel outlet (PFO) approximately 190 metres northeast of the subject site. Due to the separation distance from the Phase I Property, this off-site PCA is not considered to have had the potential to impact the subject site. The historic uses of the subject site and surrounding properties are not considered to represent a significant environmental concern.

Following the historical research, a site visit was conducted to assess existing potential areas of concern. No environmental concerns were identified during the site visit with respect to the current use of the subject site or surrounding properties.

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

Recommendations

Based on the age of the subject site dwellings (between 1968 and 1973 for 6005 Renaud Road, and 1976 and 1985 for 6001 Renaud Road), there is the potential for the presence of asbestos containing materials (ACMs), lead-containing paint and other designated substances. Potential ACMs could be present in drywall joint compound, suspended ceiling tiles, ceiling stipple, and vinyl tile flooring. Prior to the disturbance of building materials within the subject site dwellings and the 6001 Renaud Road detached garage, a designated substance survey should be conducted to prevent the potential exposure of hazardous materials to workers or occupants.

1.0 INTRODUCTION

At the request of Landric Homes, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) of the properties addressed 6001 and 6005 Renaud Road, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property.

Paterson was engaged to conduct this Phase I ESA by Mr. Matthew Firestone of Landric Homes. Mr. Firestone can be reached by telephone at 613-794-5560.

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

This Phase I-ESA report has been prepared in general accordance with the requirements of Ontario Regulation 153/04 as amended by O.Reg. 269/11 (Environmental Protection Act), and also complies with the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

2.0 PHASE I PROPERTY INFORMATION

Address:	6001 and 6005 Renaud Road, Ottawa, Ontario.
Legal Description:	Part of Lot 7, Concession 3, (Geographic Township of Gloucester) City of Ottawa.
Location:	The subject property is located on the north side of Renaud Road, approximately 520 metres west of Navan Road, in the City of Ottawa, Ontario. Refer to Figure 1 - Key Plan for the site location.
Latitude and Longitude:	45° 25' 41" N, 75° 31' 20" W

Site Description:

Configuration:	Rectangular
Site Area:	4636 m^2 (approximately)
Zoning:	DR – Development Reserve
Current Use:	The subject properties are each occupied by a single residential dwelling, with a detached garage at 6001 Renaud Road, and are currently used for residential purposes.
Services:	The subject site is located in a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

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

- Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases and regulatory agencies;
- Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the subject property, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of Ontario Regulation 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act as well as in compliance with the requirements of CSA Z768-01;
- Provide a preliminary environmental site evaluation based on our findings;
- Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

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

First Developed Use Determination

According to the aerial photographs, the first developed use of the property was residential, from between 1968 and 1985.

Fire Insurance Plans

Fire insurance plans (FIPs) are not available for the area of the subject site.

City of Ottawa Street Directories

City directories for the area of the subject site were reviewed from 1980 to 2011. The subject site and neighbouring properties along Renaud Road were listed as residential. The property at 3000 Navan Road, approximately 190 metres northeast of the subject site, was listed as a commercial paving contractor in 2011.

No concerns were identified in the directory search.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on March 16, 2021. The subject site was not listed in the NPRI database. No records of pollutant release were listed in the database for properties located within the Phase I Study Area.

PCB Inventory

A search of national PCB waste storage sites was conducted electronically on March 16, 2021 as part of this assessment. No PCB waste storage sites were identified in the Phase I study area.

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

A request was submitted to the MECP Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the site. A response from the MECP had not been received prior to the issuance of this report.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No coal gasification plants were identified within the Phase I study area.

MECP Incident Reports

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the subject site or adjacent properties A response from the MECP had not been received prior to the issuance of this report.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties, and the general area of the site. No Records of Site Condition (RSCs) were filed for the subject site or properties within a 250 metre search radius.

MECP Waste Disposal Site Inventory

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

MECP Waste Management Records

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records. A response from the MECP had not been received prior to the issuance of this report.

MECP Submissions

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions. A response from the MECP had not been received prior to the issuance of this report.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I study area was conducted on the web site of the Ontario Ministry of Natural Resources (MNR) on March 16, 2021. The search did not reveal any natural features or areas of natural significance within the Phase I study area.

Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch was contacted electronically on March 11, 2021. The response indicated that there are no underground storage tanks recorded in the TSSA registry for the subject property or adjacent properties.

City of Ottawa Landfill Document

The document entitled “Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa”, was reviewed. No former waste disposal sites were located within the Phase I study area.

City of Ottawa Historical Land Use Inventory

A requisition was sent to the City of Ottawa to request information from the City’s Historical Land Use Inventory (HLUI 2005) database for the subject property. A response had not been received at the time of issuing this report. A copy of the HLUI search results will be forwarded to the client. A copy of the HLUI request form is provided in Appendix 2.

ERIS Search

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and properties within the Phase I Study Area.

Based on the ERIS search, there are no records identified for the Phase I Property.

21 total records from various databases were identified in the ERIS search within the 250 m search radius, which included records from Certificates of Approval (CAs), Ontario Well Records, Fuel Storage Tank records, Ontario Waste Generators, and Ontario Spills Registry.

Certificates of Approval (CAs) found within the search radius were comprised of private and municipal water and sewer works.

Historical spills within the search radius were limited to gaseous emissions (natural gas) from pipeline strikes. Due to the nature of the emissions, they are not considered to have the potential to have impacted the subject site.

Fuel storage tank records within the search radius were identified at 3060 Navan Road (Marcel Brazeau Ltd), which included two (2) gasoline ASTs from a former private fuel outlet (PFO) located approximately 325 metres from the subject site (outside of the Phase I study area). This property is also listed as a waste generator for oil skimmings and sludges, waste oils and lubricants, light fuels and aliphatic solvents. Paterson was involved in assessing the environmental condition of this site and it is not considered to pose an environmental risk to the subject site.

One (1) Ontario well record was recovered within the Phase I Study Area, for a domestic drinking well drilled in 1961. No concerns were identified with the well record review.

A copy of the ERIS report is included in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals. The review period dates back to the first available air photos for the site. Based on the review, the following observations have been made:

1953 The subject site appears to be vacant agricultural land. Surrounding properties include agricultural land and occasional farmsteads. Renaud Road and Navan Road are visible at this time.

1968 The site remains vacant agricultural land. Some residential buildings have been constructed directly east of the subject property, and further east along Renaud Road. Some residential and agricultural use buildings have been added south of the subject property, across Renaud Road. The property at 3060 Navan Road (Marcel Brazeau Ltd) has evidence of disturbed soil.

1976 (City of Ottawa, geoOttawa) The residential building at 6005 Renaud Road has been constructed. The property at 6001 Renaud Road

remains vacant agricultural land. No significant changes appear to have been made to the surrounding properties.

1988 The residential building at 6001 Renaud Road has been constructed with an aboveground pool visible in the back yard area. No significant changes appear to have been made to the surrounding properties.

1995 No significant changes appear to have been made to the subject site or surrounding properties.

2007 (City of Ottawa, geoOttawa) A residential development is under construction south of the Phase I Property, across Renaud Road. Land grading for additional residential development is visible west of the subject site. Some additional residential buildings have been constructed east of the subject site, along Renaud Road. No significant changes appear to have been made to the subject site.

2019 (City of Ottawa, geoOttawa) Residential buildings have been constructed west, north, south and southest of the subject site. No significant changes appear to have been made to the subject site

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

Topographic Maps

Topographic information was obtained from the City of Ottawa "Geo Ottawa" website and Natural Resources Canada – The Atlas of Canada website. The topographic maps indicate that the elevation of the subject site is approximately 75 m ASL, and that the regional topography in the general area of the site slopes gradually downward to the southwest. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada – The Atlas of Canada website. According to this physiographic map, the site is located in the St. Lawrence Lowlands. According to the mapping description provided: "The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets." The subject site is located in the Central St. Lawrence Lowland, which is generally less than 150 m above sea level.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock beneath the site area consists of Paleozoic shale of the Billings Formation. Surficial soils were identified to consist of marine sediments and drumlinized till, with a drift thickness of 25 to 50 metres.

Water Well Records

A search of the MECP website identified one (1) off-site well record in the Phase I study area, for a potable drinking well drilled in 1961, to a depth of approximately 35 metres. The strata generally consisted of silty clay over shale bedrock, with a drift thickness of approximately 30 metres. No concerns were identified with the well record review.

Water Bodies and Areas of Natural Significance

The Mer Bleue Bog is the nearest body of water, located approximately 550 metres southeast of the Phase I Property. No creeks, rivers, streams, lakes or any other water body was identified within the Phase I study area. No areas of natural significance are known to exist within the Phase I study area.

5.0 INTERVIEWS

Property Owner

The current property owner for 6005 Renaud Road, and joint property owner for 6001 Renaud Road, Ms. Mary Caird, was available to respond to questions via email. Ms. Caird stated that the 6005 property was converted from private to municipal services shortly before purchasing the property approximately 6 years ago. The 6001 property is on city water, with a private septic system. Ms. Caird stated that the 6005 oil furnace and AST were recently inspected by their insurance company and that they did not find any concerns.

Ms. Caird was unaware of any present or historical environmental concerns on the subject site.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site assessment was conducted on March 8th, 2021. Weather conditions consisted of clear sky, with a temperature of approximately -10°C. The site was snow covered at the time of the visit. Mr. Jesse Andrechek from the Environmental Department of Paterson Group conducted the site visit. In addition to the site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site visit.

6.2 Specific Observations at Phase I Property

Buildings and Structures

Multiple buildings were present on the property, including two (2) residential structures, one detached garage, and two small storage sheds. An assessment was conducted on each of the main buildings present on the Phase 1 Property.

6001 Renaud Road

The 6001 land parcel has a two (2) storey residential dwelling finished with brick, wood panels, and vinyl siding, with a single level basement and sloped shingled roof. The site also features a detached garage with wood panels and vinyl siding, and a sloped and shingled roof. A natural gas meter is located on the west residential building face, as well as a chimney. The site also features a small wood paneled storage shed with a sloped and shingled roof in the northern portion of the yard (empty at the time of the site visit).

6005 Renaud Road

The 6005 land parcel has a two (2) storey residential dwelling finished with masonry and vinyl siding, with a single level basement and sloped shingled roof. The site also features a small storage shed against the eastern face of the residential building, finished on the exterior with vinyl siding and a sloped and shingled roof (containing wood and building materials). Vent and fill pipes were visible on the north residential building face, as well as a chimney.

Site Features

The subject buildings occupy a small portion of their respective properties and each have asphaltic concrete driveway parking. The majority of the Phase I Property is grassed with some treed areas. The regional and site topography slope down gradually to the southwest. A copy of the topographic plan is included in Figure 2 following the body of this report.

Below Ground Structures or Utilities

The 6001 dwelling receives municipal water servicing, with a private septic system. The dwelling is serviced by natural gas.

The 6005 dwelling receives full municipal services, after being updated from well and septic private servicing in approximately 2015. The building is heated by an oil furnace with an aboveground storage tank (AST) located in the basement of the unit.

Fill Material

No signs of fill material were noted on the subject property at the time of the site visit. No odours or visible signs of contamination were noted.

Interior Assessment

6001 Renaud Road

The detached garage was inaccessible at the time of the site visit, but observation through multiple exterior windows revealed a similar construction to the residential building. A general description of the 6001 Renaud Road dwelling interior is as follows:

- The floors throughout the building consist primarily of carpet, vinyl tiling, and hardwood, with carpeted and bare concrete floors in the basement area;
- Wall materials consisted of drywall, with some wood panelling, and basement foundation walls were parged cinder block;
- The ceilings consisted of drywall with some suspended ceiling tiles in the basement areas, and a stipple texture in the detached garage;
- Lighting throughout the building was provided by incandescent and fluorescent fixtures;

Potentially Hazardous Building Products

- **Asbestos Containing Materials (ACMs)**

  Based on the age of the buildings, it is considered possible that ACMs have been used in construction. Based on visual observations of the buildings made at the time of the assessment, common potential ACMs include drywall joint compound, suspended ceiling tiles, ceiling stipple, and vinyl tile flooring. Potential ACMs were observed to be in good condition at the time of the site visit.

- **Lead-Based Paint**

  Based on the age of the buildings, it is considered possible that lead based paints have been used. Painted surfaces were in good condition at the time of the site visit.

- **Polychlorinated Biphenyls (PCBs)**

  Fluorescent lighting fixtures were observed in the building. Ballasts installed prior to 1980 may contain PCBs, however, it is expected that most of the original ballasts have been replaced within the last 40 years. Therefore, PCBs are not considered to represent a significant concern on the subject site.

- **Urea Formaldehyde Foam Insulation (UFFI)**

  No signs indicating the presence of UFFI were observed within the subject buildings during our inspection. However, wall cavities were not inspected for insulation type.

Other Potential Environmental Concerns

- **Fuels and Chemical Storage**

  The 6001 residence is currently heated with a natural gas fired forced air furnace. No unusual odours or observations were noted in the basement at the time of the site visit.

  Other chemicals identified within the buildings were limited to small quantities household paints and cleaning supplies, which are not considered to pose an environmental risk to the Phase I Property.

- **Ozone Depleting Substances (ODSs)**

  Potential sources of ODSs observed on site include refrigeration units and fire extinguishers. These appliances should be regularly serviced by a licensed contractor.

- **Drains, Pits and Sumps**

  A sump pit was observed in the basement of the residential building, and found to be dry, with no unusual olfactory or visual observations made during the site reconnaissance.

- **Mould and Moisture**

  At the time of the site visit, no mould or excessive moisture conditions were identified. No damage resulting from potential previous mould or moisture presence was noted.

6005 Renaud Road

A general description of the 6005 residential building interior is as follows:

- The floors throughout the building consisted of ceramic tile, linoleum, carpet, hardwood, and vinyl floor tile. The basement floor was poured concrete;
- Wall materials consisted of drywall and basement foundation walls were concrete;
- The ceilings consisted of drywall with some areas having a stipple textured finish. The basement ceiling was unfinished;
- Lighting throughout the building was provided by incandescent and fluorescent fixtures;

Chemical storage within the dwelling was limited to commercially-available cleaning products and paints, which were properly stored and are not considered to represent an environmental concern to the Phase I property.

Potentially Hazardous Building Products

- **Asbestos Containing Materials (ACMs)**

  Based on the age of the building, it is considered possible that ACMs have been used in their construction. Based on visual observations of the buildings made at the time of the assessment, common potential ACMs include drywall joint compound, stipple-textured ceilings, linoleum and vinyl

tile flooring. Potential ACMs were observed to be in good condition at the time of the site visit.

- **Lead-Based Paint**

  Based on the age of the building, it is considered possible that lead based paints have been used. Painted surfaces were in good condition at the time of the site visit.

- **Polychlorinated Biphenyls (PCBs)**

  Fluorescent lighting fixtures were observed in the building. Ballasts installed prior to 1980 may contain PCBs, however, it is expected that most of the original ballasts have been replaced within the last 37 years. Therefore, PCBs are not considered to represent a significant concern on the subject site.

- **Urea Formaldehyde Foam Insulation (UFFI)**

  No signs indicating the presence of UFFI were observed within the subject buildings during our inspection. However, wall cavities were not inspected for insulation type.

Other Potential Environmental Concerns

- **Fuels and Chemical Storage**

  The 6005 residential building is currently heated by an oil furnace, with an associated fuel oil AST (aboveground storage tank) in the basement of the unit, against the north building wall.

  The tank was observed to be 2.0 mm thick steel single-wall construction with a capacity of 910 litres, dated to 2000. The tank was observed to be in good condition at the time of the site visit. The floor slab beneath the AST was inspected at the time of the site visit, and no signs of staining or evidence of a historical spill was noted.

  No unusual visual or olfactory observations were noted in the vicinity of the AST or oil furnace. As such, the presence of the AST and oil furnace are not considered to represent an environmental risk to the subject site.

  Other chemicals identified within the building was limited to small quantities household paints and cleaning supplies, and were not considered to pose an environmental risk to the Phase I Property.

- **Ozone Depleting Substances (ODSs)**

  Potential sources of ODSs observed on site include refrigeration units and fire extinguishers. These appliances should be regularly serviced by a licensed contractor.

- **Drains, Pits and Sumps**

  A sump pit was observed in the basement of the residential building, and found to be dry, with no unusual olfactory or visual observations made during the site reconnaissance.

- **Mould and Moisture**

  At the time of the site visit, no mould or excessive moisture conditions were identified, and no damage resulting from potential previous mould or moisture presence was noted.

Neighbouring Properties

An inspection of the neighbouring properties was conducted from publicly accessible roadways at the time of the site inspection. Land use adjacent to the subject site was as follows:

- North Ziegler Street followed by residential;
- South Renaud Road, followed by residential with a commercial building;
- East Residential, followed by parkland;
- West Residential, followed by commercial and residential lands.

Potentially Contaminating Activities (PCAs) identified in the Phase I study area were limited to the private fuel outlet at 3000 Navan Road, approximately 190 metres northeast of the subject site. Due to the separation distance from the subject property, this off-site PCA is not considered to pose an environmental risk to the Phase I Property.

The property addressed 6101 Renaud Road was identified during the historical review as previously containing a private fuel outlet (PFO) with two (2) underground storage tanks (USTs) and three (3) aboveground storage tanks (ASTs), as well as a commercial garage. Paterson has been involved in environmental work on this property. While the property is within the 250 metre search radius, the area containing the PFO and garage are approximately 325

metres northeast of the subject site. Due to the extreme distance from the subject site, historical activity related to the off-site PFO and garage are not considered to represent a PCA for the subject site.

The properties addressed 2080 Navan Road and 6101 Renaud Road, directly northeast of the subject site and approximately 65 metres east of the subject site respectively, contain evidence of fill placement from past activities. Paterson has been involved in assessing the environmental condition of these properties and they are not considered to represent an environmental risk to the subject site.

The current uses of the adjacent properties are not considered to pose an environmental risk to the Phase I Property. Current land use within the Phase I study area is illustrated on Drawing PE5210-2 – Surrounding Land Use Plan in Figures following the body of this report.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The following table indicates the current and past uses of the site as well as associated potentially contaminating activities dating back to the first developed use of the site.

Table 1 - Land Use History

6001 Renaud Road

Time Period	Land Use	Potentially Contaminating Activities	Areas of Potential Environmental Concern
Prior to between 1976 and 1985	Agricultural	None	None
Between 1976 and 1985 to Present	Residential	None	None

6005 Renaud Road

Time Period	Land Use	Potentially Contaminating Activities	Areas of Potential Environmental Concern
Prior to between 1968 and 1973	Agricultural	None	None
Between 1968 and 1973 to Present	Residential	None	None

Potentially Contaminating Activities (PCAs)

No Potentially Contaminating Activities (PCAs) were identified on the subject site.

Areas of Potential Environmental Concern (APEC)

No Areas of Potential Environmental Concern were identified on the subject site.

Contaminants of Potential Concern (CPC)

No contaminants of potential concern were identified, since no APECs were identified on the subject site.

7.2 Conceptual Site Model

Existing Buildings and Structures

The subject site is occupied by two (2) residential buildings, one (1) detached garage, as well as two (2) storage sheds. Paved asphalt driveways are present in the front of the residential buildings, with the remainder of the area comprised of grassed and treed area.

Geological and Hydrogeological Setting

Based on information from the Geological Survey of Canada, bedrock beneath the site area consists of Paleozoic shale of the Billings formation.

Surficial soils were identified to consist of drumlinized till, with a drift thickness of 25 to 50 metres.

Hydrogeological conditions are considered to mimic the topographic setting; as a result, groundwater is expected to flow southwest.

Contaminants of Potential Concern

As per Section 7.1 of this report, no CPCs were identified on the subject site.

Water Bodies

The nearest body of water is the Mer Bleue Bog, located approximately 550 metres southeast of the Phase I Property.

Areas of Natural Significance

No areas of natural significance were identified on the site or in the Phase I area.

Drinking Water Wells

While no potable wells were identified within the Phase I Property during the historical search or site visit, the current owner stated that the 6005 Renaud Road dwelling was converted to municipal water servicing from a private well prior to purchasing the property. While no records for the domestic drinking well were located, it is our understanding that the original well was properly abandoned at the time of conversion. No concerns were identified with the well record review.

Neighbouring Land Use

Neighbouring land use in the Phase I study area consists mostly of residential land, with some commercial use land to the northeast and south. Land use is shown on Drawing PE5210-2-Surrounding Land Use Plan.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, no PCAs were identified on the subject property. One PCA was identified in the Phase I study area, a private fuel outlet at 3000 Navan Road approximately 190 metres northeast of the subject site. Due to the distance from the subject site, as well as past environmental assessments of the property situated between the subject site and the PFO, this PCA is not considered to have had the potential to impact the subject site. As a result, no APECs are considered to be present on the site.

Assessment of Uncertainty and/or Absence of Information

The absence of potentially contaminating activities was confirmed by a variety of independent sources. As such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

Assessment

A Phase I - Environmental Site Assessment (ESA) was carried out for the properties addressed 6001 and 6005 Renaud Road in the City of Ottawa. The purpose of this environmental assessment was to research the past and current use of the site and adjacent properties and identify any environmental concerns with the potential to have impacted the subject site.

The review of available historic information indicates that the subject properties were previously comprised of agricultural land, before being developed for residential purposes between 1968 and 1985.

Surrounding properties have historically been used for agriculture and some residential use, with large-scale residential development occurring from the mid 2000's to present. Some commercial properties were identified in the Phase I study area, including one PCA, a private fuel outlet (PFO) approximately 190 metres northeast of the subject site. Due to the separation distance from the Phase I Property, this off-site PCA is not considered to have had the potential to impact the subject site. The historic uses of the subject site and surrounding properties are not considered to represent a significant environmental concern.

Following the historical research, a site visit was conducted to assess existing potential areas of concern. No environmental concerns were identified during the site visit with respect to the current use of the subject site or surrounding properties.

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

Recommendations

Based on the age of the subject site dwellings (between 1968 and 1973 for 6005 Renaud Road, and 1976 and 1985 for 6001 Renaud Road), there is the potential for the presence of asbestos containing materials (ACMs), lead-containing paint and other designated substances. Potential ACMs could be present in drywall joint compound, suspended ceiling tiles, ceiling stipple, and vinyl tile flooring. Prior to the disturbance of building materials within the subject site dwellings and the 6001 Renaud Road detached garage, a designated substance survey should be conducted to prevent the potential exposure of hazardous materials to workers or occupants.

9.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared under the supervision of a qualified person in general accordance with O.Reg. 153/04 as amended by O.Reg. 269/11 and meets the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA

are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

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

This report was prepared for the sole use of Landric Homes Inc. Permission and notification from the above noted party and Paterson will be required to release this report to any other party.

Paterson Group Inc.

Jesse Andrechek, BASc.

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

Report Distribution:

- ❑ Landric Homes
- ❑ Paterson Group Inc.

10.0 REFERENCES

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Chapman, L.J., and Putnam, D.F., 1984: ‘The Physiography of Southern Ontario, Third Edition’, Ontario Geological Survey Special Volume 2.

Municipal Records
City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.
The City of Ottawa Historical Land Use Inventory.
Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.
The City of Ottawa GeoOttawa website.

Local Information Sources
ERIS Environmental Risk Information Services
Previous Engineering Reports
Personal Interviews

Public Information Sources
Google Earth.
Google Maps/Street View.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5210-1 – SITE PLAN

DRAWING PE5210-2 – SURROUNDING LAND USE PLAN

Figure 1:

KEY PLAN

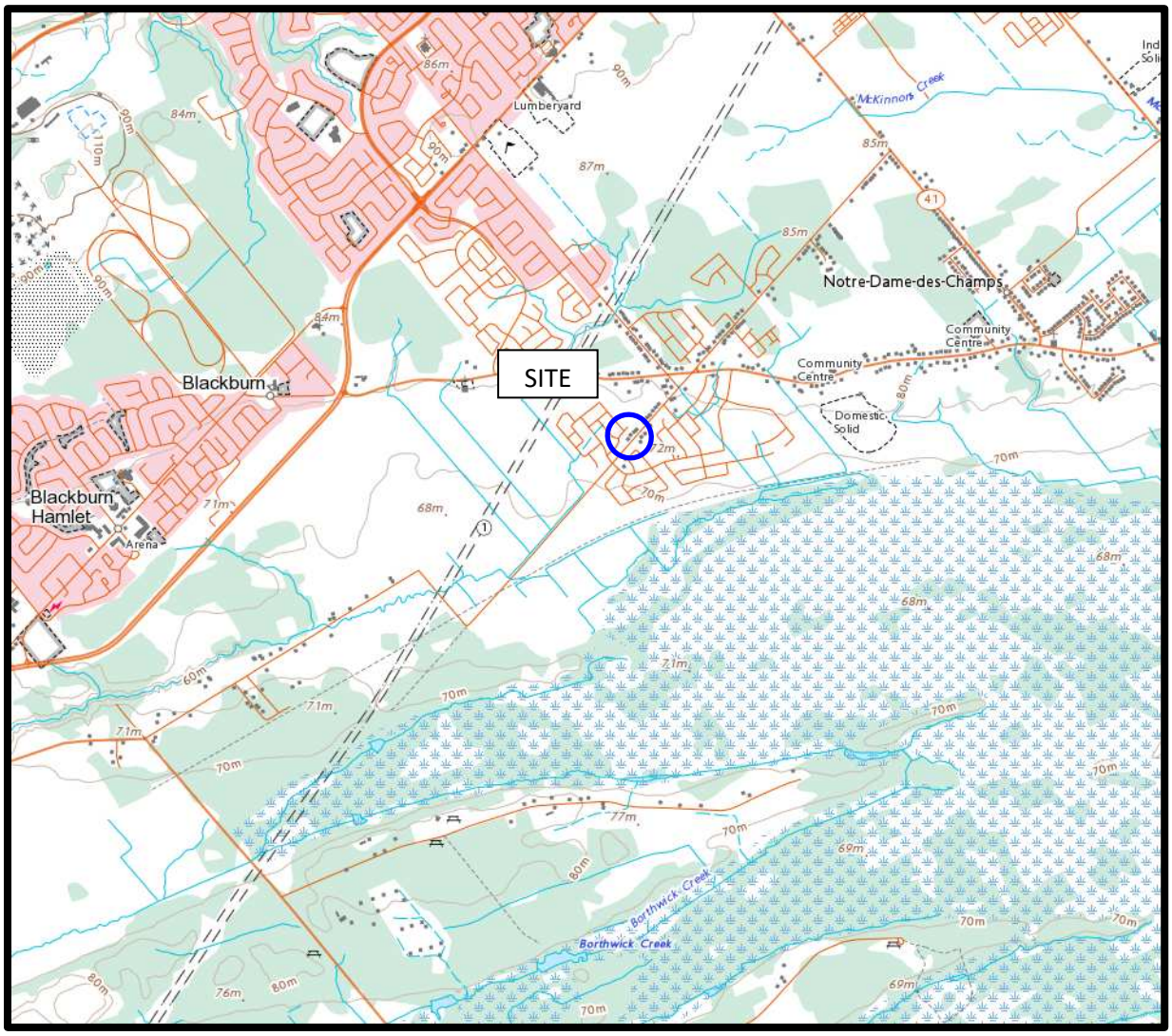
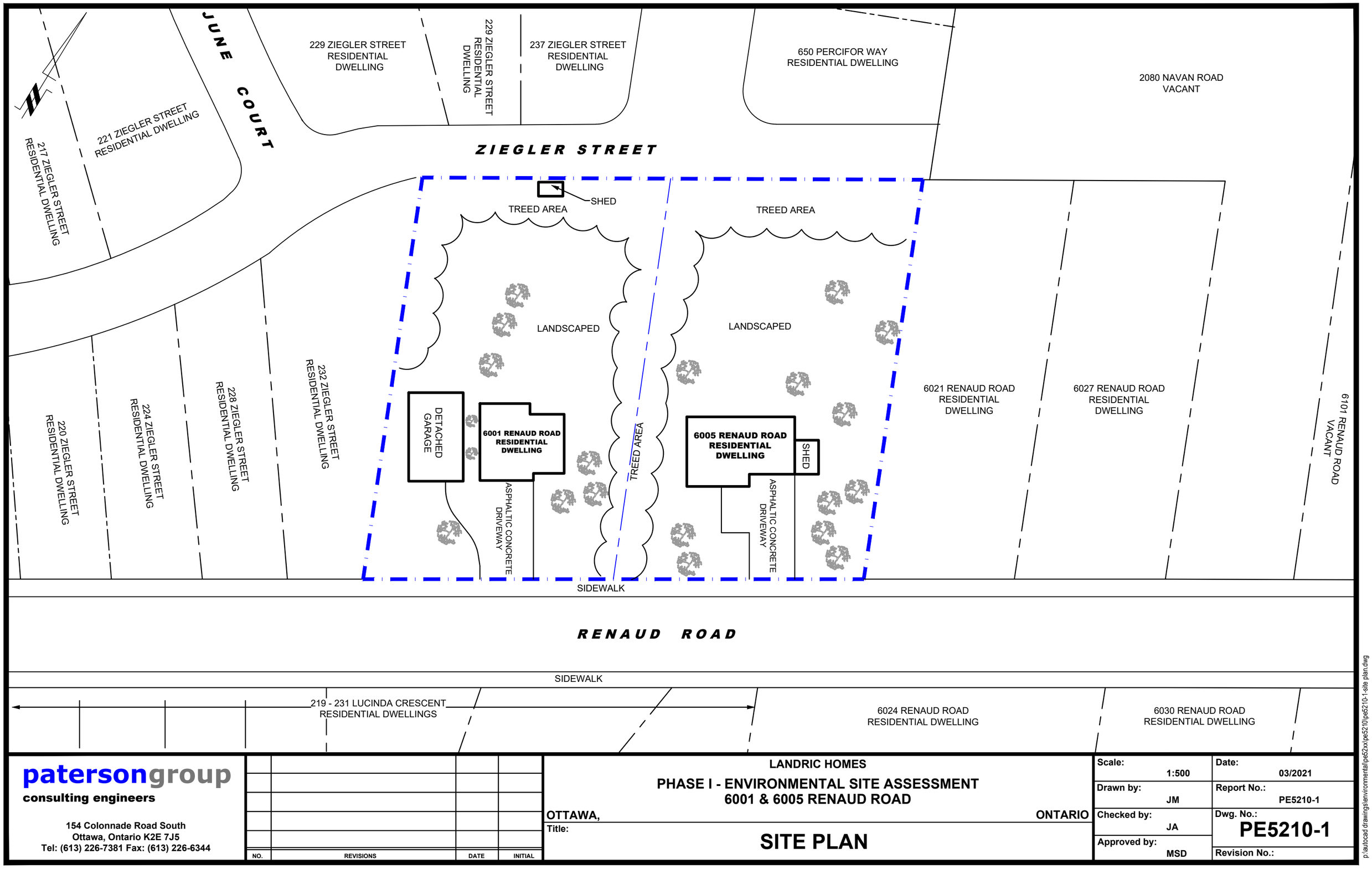


FIGURE 2

TOPOGRAPHIC MAP



patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

LANDRIC HOMES

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
6001 & 6005 RENAUD ROAD

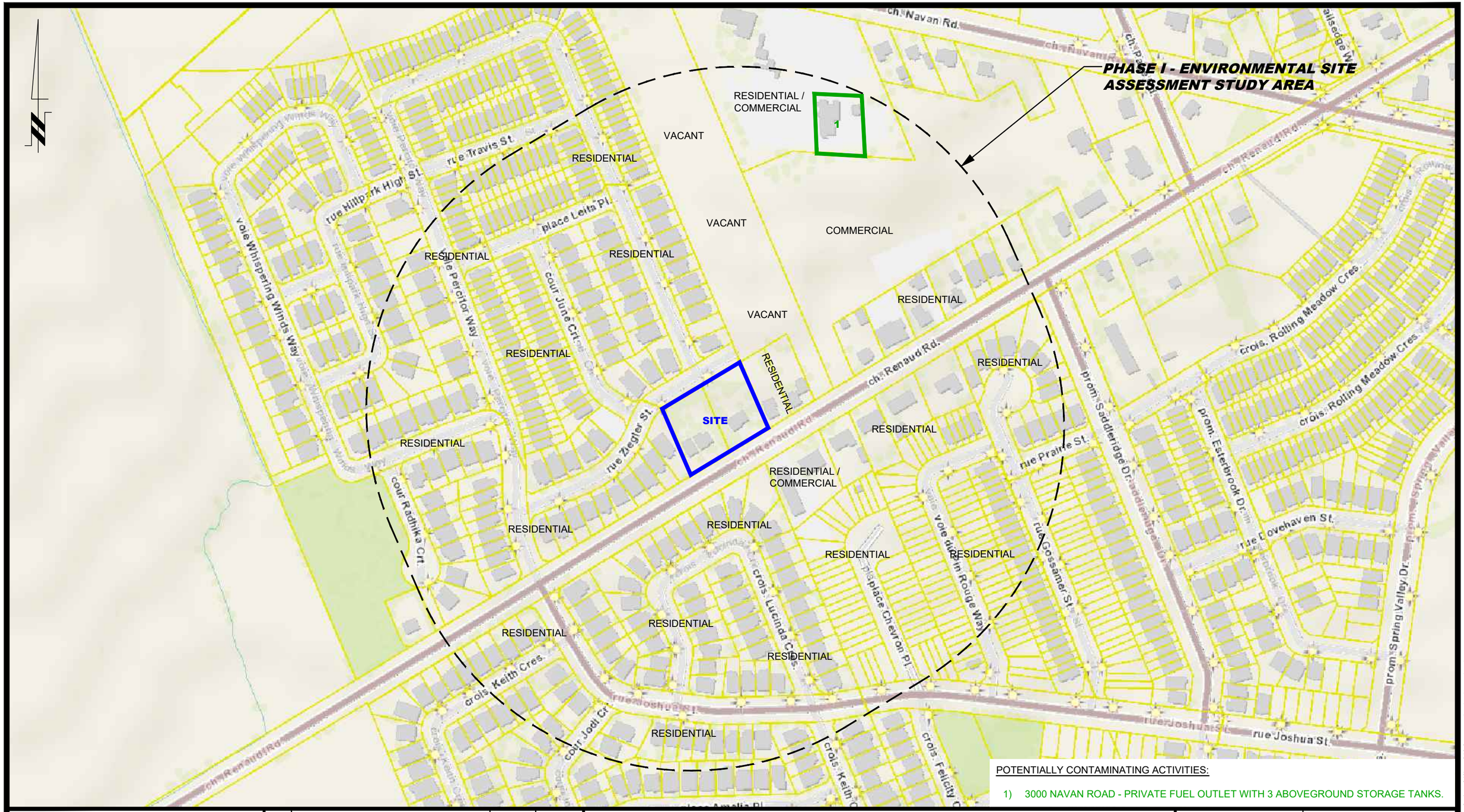
OTTAWA, ONTARIO

Title:

SITE PLAN

Scale: 1:500	**Date:** 03/2021
Drawn by: JM	**Report No.:** PE5210-1
Checked by: JA	**Dwg. No.:** PE5210-1
Approved by: MSD	**Revision No.:**

p:\autocad drawings\environmental\pe52xx\pe5210\pe5210-1-site plan.dwg



POTENTIALLY CONTAMINATING ACTIVITIES:

1) 3000 NAVAN ROAD - PRIVATE FUEL OUTLET WITH 3 ABOVEGROUND STORAGE TANKS.

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

LANDRIC HOMES

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
6001 & 6005 RENAUD ROAD

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:3000	Date: 03/2021
Drawn by: JM	Report No.: PE5210-1
Checked by: JA	Dwg No.: **PE5210-2**
Approved by: MSD	Revision No.:

p:\autocad drawings\environmental\pe52xx\pe5210\pe5210-2-surrounding land use plan.dwg

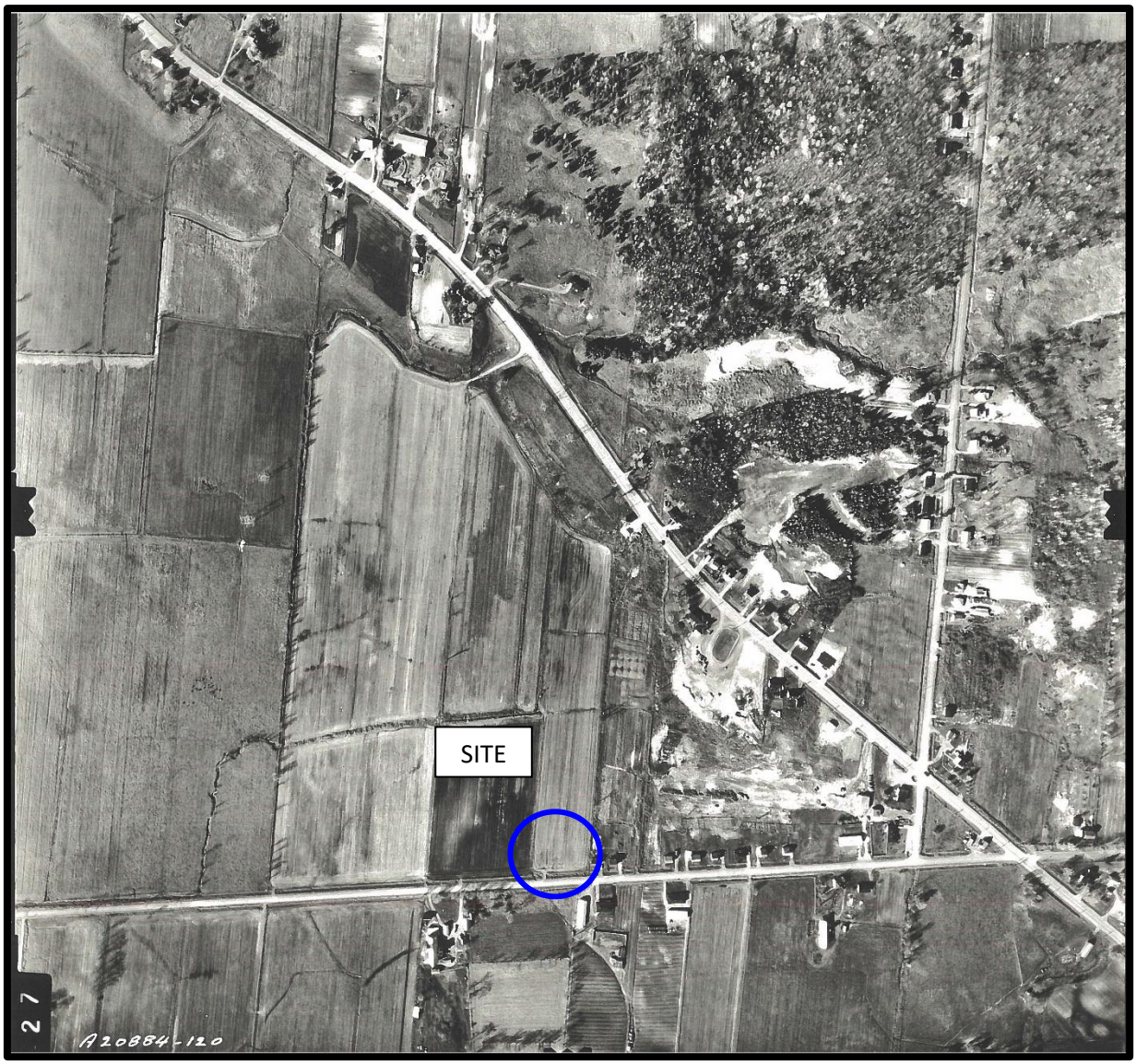
APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

AERIAL PHOTOGRAPH
1953

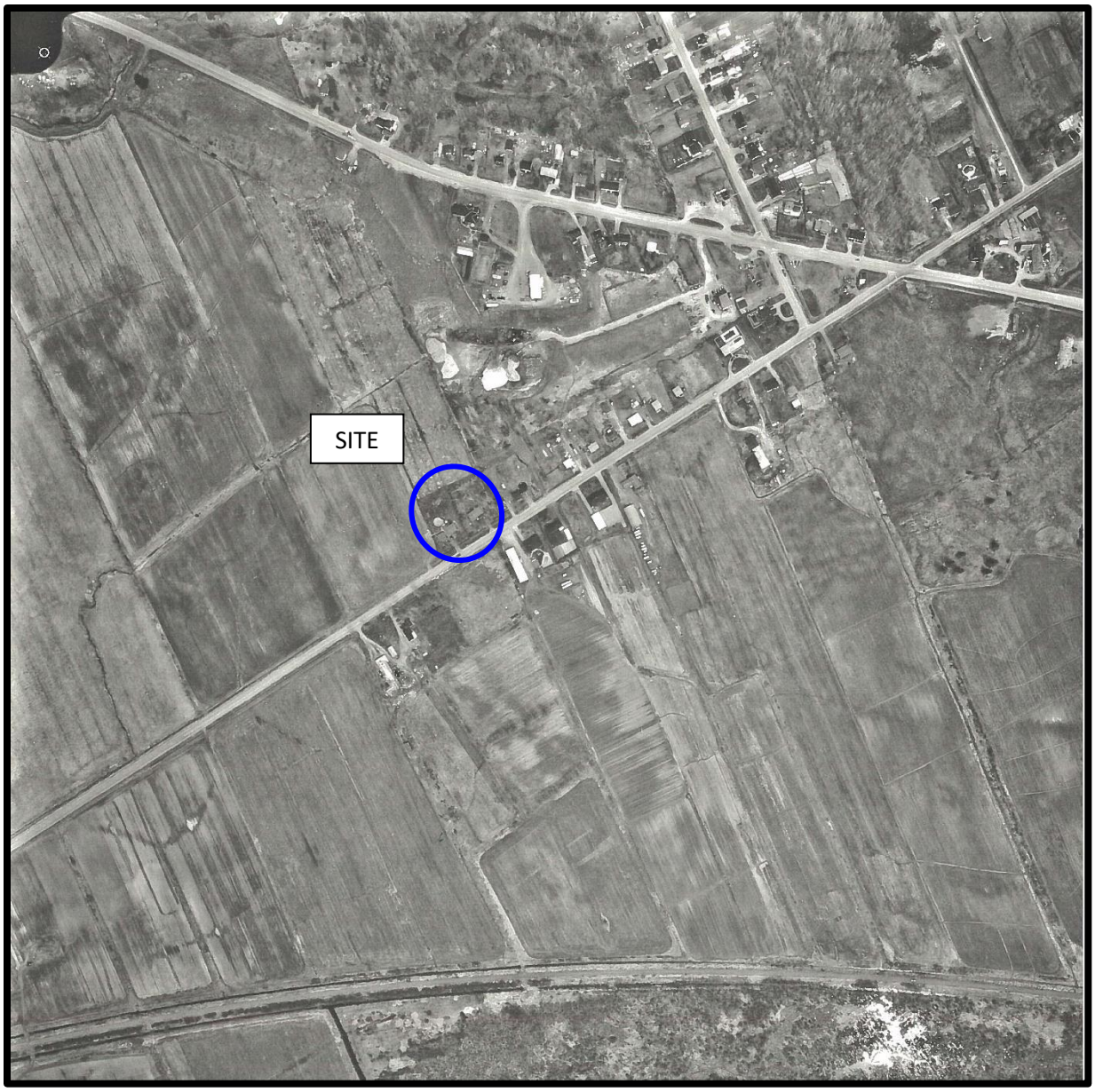
patersongroup



AERIAL PHOTOGRAPH
1968

patersongroup

AERIAL PHOTOGRAPH
1976

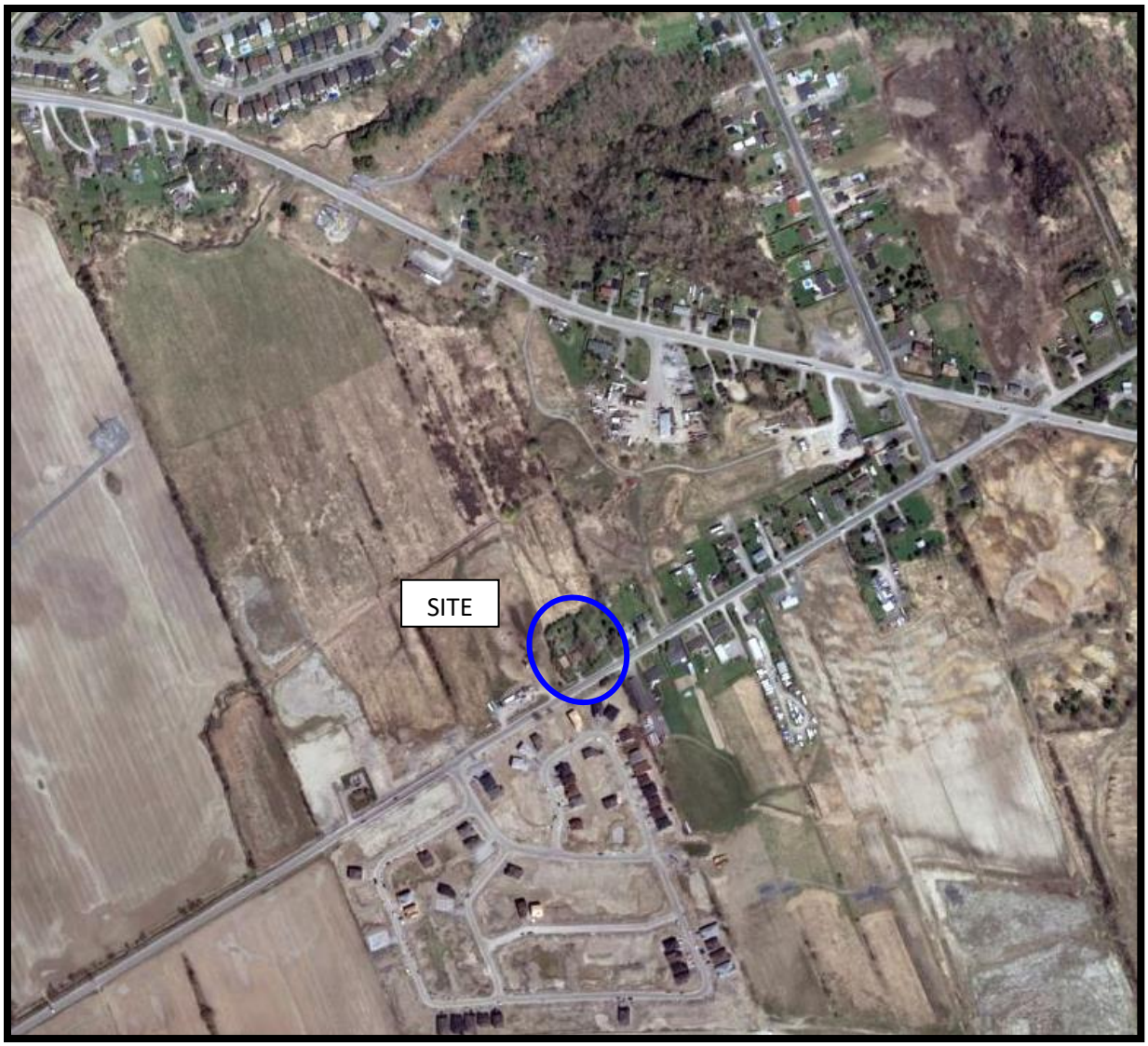


AERIAL PHOTOGRAPH
1988

patersongroup

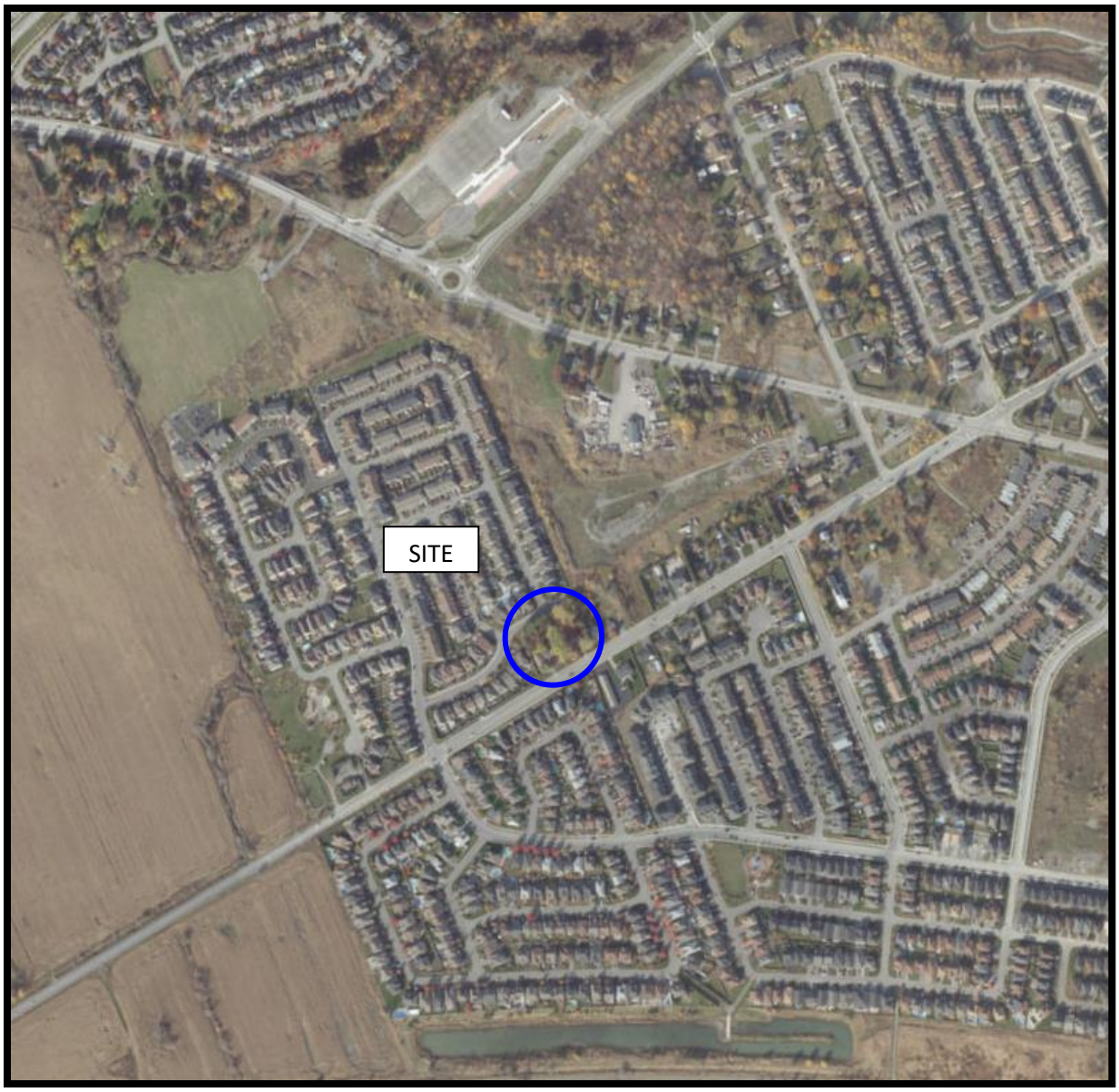
AERIAL PHOTOGRAPH
1995

patersongroup



AERIAL PHOTOGRAPH
2007

patersongroup



AERIAL PHOTOGRAPH
2019

patersongroup

Photographs from Site Visit – March 8, 2021

Photo 1: On the front driveway of 6001 Renaud Road, facing north towards the front building face.

Photo 2: North of the 6001 Renaud Road dwelling, facing north.

Photo 3: In front of the 6005 Renaud Road dwelling, facing north towards the dwelling.

Photo 4: North of the 6005 Renaud Road dwelling, facing south towards the dwelling.

Photo 5: North of the 6005 Renaud Road dwelling, facing west towards the 6001 Renaud Road parcel.

APPENDIX 2

MECP FREEDOM OF INFORMATION REQUEST

HLUI REQUEST

ERIS REPORT

TSSA CORRESPONDENCE

Ontario

Ministry of the Environment and Climate Change

Freedom of Information and
Protection of Privacy Office
40 St. Clair Avenue West, 12th Floor
Toronto ON M4V 1M2
Telephone 416 314-4075

Freedom of Information Request

Instructions

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

For Ministry Use Only

FOI Request Number	Date Request Received (yyyy/mm/dd)
Fee Paid	☐ Cheque ☐ VISA/MC ☐ Cash/Money Order

☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ IEB ☐ EAA ☐ EMR ☐ SCB ☐ SDW

1. Requester Data

Last Name	First Name	Middle Initial
Andrechek	Jesse	J

Title	Company Name
Environmental Technician	Paterson Group

Mailing Address

Unit Number	Street Number	Street Name	PO Box
	154	Colonnade Road South	

City/Town	Province	Postal Code
Ottawa	Ontario	K2E 7J5

Email Address	Telephone Number	Fax Number
jandrechek@patersongroup.ca	613 226-7381 ext.	

Project/Reference Number	Signature of Requester
PE5210	

2. Request Parameters

Municipal Address (Municipal address mandatory for cities, towns or regions)

Unit Number	Street Number	Street Name	PO Box
	6001	to 6005 Renaud Road	

Lot Number	Concession	Geographic Township
7	3	

City/Town/Village	Province	Postal Code
Ottawa	ON	K1C 7G4

Present Property

1. Owner — Date of Ownership (yyyy/mm/dd)

Tenant (if applicable)

Previous Property

1. Owner — Date of Ownership (yyyy/mm/dd)

Tenant (if applicable)

  Disponible en français

3. Search Parameters

Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ► Owner and tenant information must be provided	2003-Present
Waste Generator number/classes	All

Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

4. Environmental Compliance Approvals/Certificates of Approval

Environmental Compliance Approvals/Certificates of Approval	SD	Specify Year(s) Requested
air - emissions	☑	1986- Present
renewable energy	☑	1986- Present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	☑	1986- Present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	☑	1986- Present
waste water - industrial discharge	☑	1986- Present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	☑	1986- Present
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	☑	1986- Present

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of $300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.

Office Use Only		
Application Number:	Ward Number:	Application Received: (dd/mm/yyyy):
Client Service Centre Staff:		Fee Received: $

Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

***Site Address or Location:** *6001-6005 Renaud Road*

** Mandatory Field*

Applicant/Agent Information:

Name:	*Paterson Group Inc.*		
Mailing Address:	*154 Colonnade Road South*		
Telephone:	*613-226-7381*	Email Address:	*jandrechek@patersongroup.ca*

Registered Property Owner Information: ☐ Same as above

Name:	*Mary Caird and Troy Robinson (6001 Renaud), Mary Caird (6005 Renaud)*		
Mailing Address:	*6001 Renaud Road*		
Telephone:		Email Address:	

Site Details

Legal Description and PIN:

What is the land currently used for? *Residential*

Lot frontage: 76 m Lot depth: 61 m Lot area: 4636 m²

OR Lot area: (irregular lot) m²

Does the site have Full Municipal Services: ○ Yes ○ No

Required Fees

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

Planning Fee $128.00

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer
For use with HLUI Database

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

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

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.

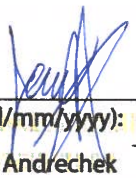
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.

4. Copyright is reserved to the City.

5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.

6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.

7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: 

Dated (dd/mm/yyyy): 15/03/2021

Per: Jesse Andrechek

(Please print name)

Title: Environmental Consultant

Company: Paterson Group Inc

patersongroup Consulting Engineers

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

March 8, 2021
File: PE5210-LET.01

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

Subject: **Authorization Letter, HLUI Search**
Phase I-Environmental Site Assessment

6001-6005 Renaud Road
Ottawa, Ontario

Dear Sir or Madame,

Fax: (613) 226-6344

Please consider this letter as confirmation that Paterson Group has been retained to conduct a Phase I-Environmental Site Assessment at the aforementioned property.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to Paterson Group, information requested for the purpose of completing an environmental assessment of the property.

Name of Company/Property Owner:_ 6001 Renaud Rd: Mary Caird and Troy Robinson
6005 Renaud Rd. Maximum Capital Inc. owned by Mary Caird
Name of Representative:_ Mary Caird and Troy Robinson
Authorization of Representative

Mary Caird *Troy Robinson*

Date: March 12, 2021

prom. Esterbrook Dr.
prom. Fountain
ch. Pagé Rd.
prom. Saddleridge Dr.
rue Prairie St.
rue Gossamer St.
voie du Pin Rouge Way
crois. Felicity Cres.
place Chevron Pl.
ch. Renaud Rd.
crois. Keith Cres.
crois. Lucinda Cres.
SITE
place Amelia Pl.
rue Ziegler St.
cour Jodi Crt
cour June Crt.
place Leita Pl.
rue Travis St.
voie Percifor Way
crois. Keith Cres.
cour Radhika Crt
voie Whispering Winds Way

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*PE5210 - Phase I ESA* *6001, 6005 Renaud Rd* *Orléans ON K1C 7G4*
Project No:	
Report Type:	*Standard Report*
Order No:	*21030900290*
Requested by:	*Paterson Group Inc.*
Date Completed:	*March 12, 2021*

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

Table of Contents

Executive Summary

Property Information:

Project Property: *PE5210 - Phase I ESA*
6001, 6005 Renaud Rd Orléans ON K1C 7G4

Project No:

Coordinates:

Latitude:	*45.4279638*
Longitude:	*-75.5223727*
UTM Northing:	*5,030,626.24*
UTM Easting:	*459,136.69*
UTM Zone:	*18T*

Elevation: *248 FT*
75.72 M

Order Information:

Order No: *21030900290*
Date Requested: *March 9, 2021*
Requested by: *Paterson Group Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	*Abandoned Aggregate Inventory*	Y	0	0	0
AGR	*Aggregate Inventory*	Y	0	0	0
AMIS	*Abandoned Mine Information System*	Y	0	0	0
ANDR	*Anderson's Waste Disposal Sites*	Y	0	0	0
AST	*Aboveground Storage Tanks*	Y	0	0	0
AUWR	*Automobile Wrecking & Supplies*	Y	0	0	0
BORE	*Borehole*	Y	0	1	1
CA	*Certificates of Approval*	Y	0	0	0
CDRY	*Dry Cleaning Facilities*	Y	0	0	0
CFOT	*Commercial Fuel Oil Tanks*	Y	0	0	0
CHEM	*Chemical Manufacturers and Distributors*	Y	0	0	0
CHM	*Chemical Register*	Y	0	0	0
CNG	*Compressed Natural Gas Stations*	Y	0	0	0
COAL	*Inventory of Coal Gasification Plants and Coal Tar Sites*	Y	0	0	0
CONV	*Compliance and Convictions*	Y	0	0	0
CPU	*Certificates of Property Use*	Y	0	0	0
DRL	*Drill Hole Database*	Y	0	0	0
DTNK	*Delisted Fuel Tanks*	Y	0	0	0
EASR	*Environmental Activity and Sector Registry*	Y	0	0	0
EBR	*Environmental Registry*	Y	0	0	0
ECA	*Environmental Compliance Approval*	Y	0	0	0
EEM	*Environmental Effects Monitoring*	Y	0	0	0
EHS	*ERIS Historical Searches*	Y	0	3	3
EIIS	*Environmental Issues Inventory System*	Y	0	0	0
EMHE	*Emergency Management Historical Event*	Y	0	0	0
EPAR	*Environmental Penalty Annual Report*	Y	0	0	0
EXP	*List of Expired Fuels Safety Facilities*	Y	0	0	0
FCON	*Federal Convictions*	Y	0	0	0
FCS	*Contaminated Sites on Federal Land*	Y	0	0	0
FOFT	*Fisheries & Oceans Fuel Tanks*	Y	0	0	0
FRST	*Federal Identification Registry for Storage Tank Systems (FIRSTS)*	Y	0	0	0
FST	*Fuel Storage Tank*	Y	0	2	2
FSTH	*Fuel Storage Tank - Historic*	Y	0	2	2
GEN	*Ontario Regulation 347 Waste Generators Summary*	Y	0	4	4
GHG	*Greenhouse Gas Emissions from Large Facilities*	Y	0	0	0
HINC	*TSSA Historic Incidents*	Y	0	1	1

Database	Name	Searched	Project Property	Within 0.25 km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	1	1
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	3	3
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	3	3
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	1	1
	Total:	0	21	21	

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	HINC		231 LUCINDA CRESCENT ORLEANS ON K1W 0A1	SSE/115.5	-1.85	16
2	WWIS		lot 6 con 3 ON ***Well ID:*** 1501421	ENE/137.0	1.07	16
3	BORE		ON	ENE/137.0	1.07	18
4	PINC	ENBRIDGE GAS INC	411 JUNE CRT,,ORLÉANS,ON,K1W 0E3, CA ON	WNW/189.9	-0.85	20
5	GEN	MARCEL BRAZEAU LTD. 26-391	3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	N/217.2	2.73	20
5	GEN	MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	N/217.2	2.73	20
5	FSTH	MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN ON	N/217.2	2.73	21
5	FSTH	MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN ON	N/217.2	2.73	21
5	GEN	MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1W 1E9	N/217.2	2.73	21
5	GEN	MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1W 1E9	N/217.2	2.73	22
5	FST	MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA ON	N/217.2	2.73	22
5	FST	MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA ON	N/217.2	2.73	23

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
5	SPL	Enbridge Gas Distribution Inc.	3060 Navan Rd Ottawa ON	N/217.2	2.73	23
5	PINC	PIPELINE HIT 1"	3060 NAVAN RD,,ORLÉANS,ON,K1W 1E9,CA ON	N/217.2	2.73	24
5	PINC	PIPELINE HIT 1"	3060 NAVAN RD,,OTTAWA,ON,K1W 1E9, CA ON	N/217.2	2.73	24
6	SPL	Enbridge Gas Distribution Inc.	6071 renaud Road, Orleans<UNOFFICIAL> Ottawa ON K1C 7G4	ENE/232.6	1.44	25
6	SPL	Enbridge Gas Distribution Inc.	6071 renaud Road, Orleans<UNOFFICIAL> Ottawa ON K1C 7G4	ENE/232.6	1.44	25
6	INC		6071 Renaud Road, Orleans ON K1C 7G4	ENE/232.6	1.44	26
7	EHS		Navan and Renaud Road Ottawa ON K4B 1H9	NE/243.4	4.15	27
7	EHS		Navan and Renaud Road Ottawa ON K4B 1H9	NE/243.4	4.15	27
7	EHS		Navan and Renaud Road Ottawa ON K4B 1H9	NE/243.4	4.15	27

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.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	ENE	136.98	3

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 3 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Navan and Renaud Road Ottawa ON K4B 1H9	NE	243.42	7
	Navan and Renaud Road Ottawa ON K4B 1H9	NE	243.42	7
	Navan and Renaud Road Ottawa ON K4B 1H9	NE	243.42	7

FST - Fuel Storage Tank

A search of the FST database, dated Jul 31, 2020 has found that there are 2 FST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA ON	N	217.24	5
MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA ON	N	217.24	5

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN ON	N	217.24	5
MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN ON	N	217.24	5

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 4 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1W 1E9	N	217.24	5
MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1W 1E9	N	217.24	5
MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	N	217.24	5
MARCEL BRAZEAU LTD. 26-391	3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	N	217.24	5

HINC - TSSA Historic Incidents

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

Lower Elevation	Address	Direction	Distance (m)	Map Key
	231 LUCINDA CRESCENT ORLEANS ON K1W 0A1	SSE	115.48	1

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Jul 31, 2020 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	6071 Renaud Road, Orleans ON K1C 7G4	ENE	232.63	6

PINC - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 3 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PIPELINE HIT 1"	3060 NAVAN RD,,OTTAWA,ON,K1W 1E9,CA ON	N	217.24	5
PIPELINE HIT 1"	3060 NAVAN RD,,ORLÉANS,ON,K1W 1E9,CA ON	N	217.24	5

Lower Elevation	Address	Direction	Distance (m)	Map Key
ENBRIDGE GAS INC	411 JUNE CRT,,ORLÉANS,ON,K1W 0E3,CA ON	WNW	189.85	4

SPL - Ontario Spills

A search of the SPL database, dated 1988-Mar 2020; Jul 2020 - Aug 2020 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

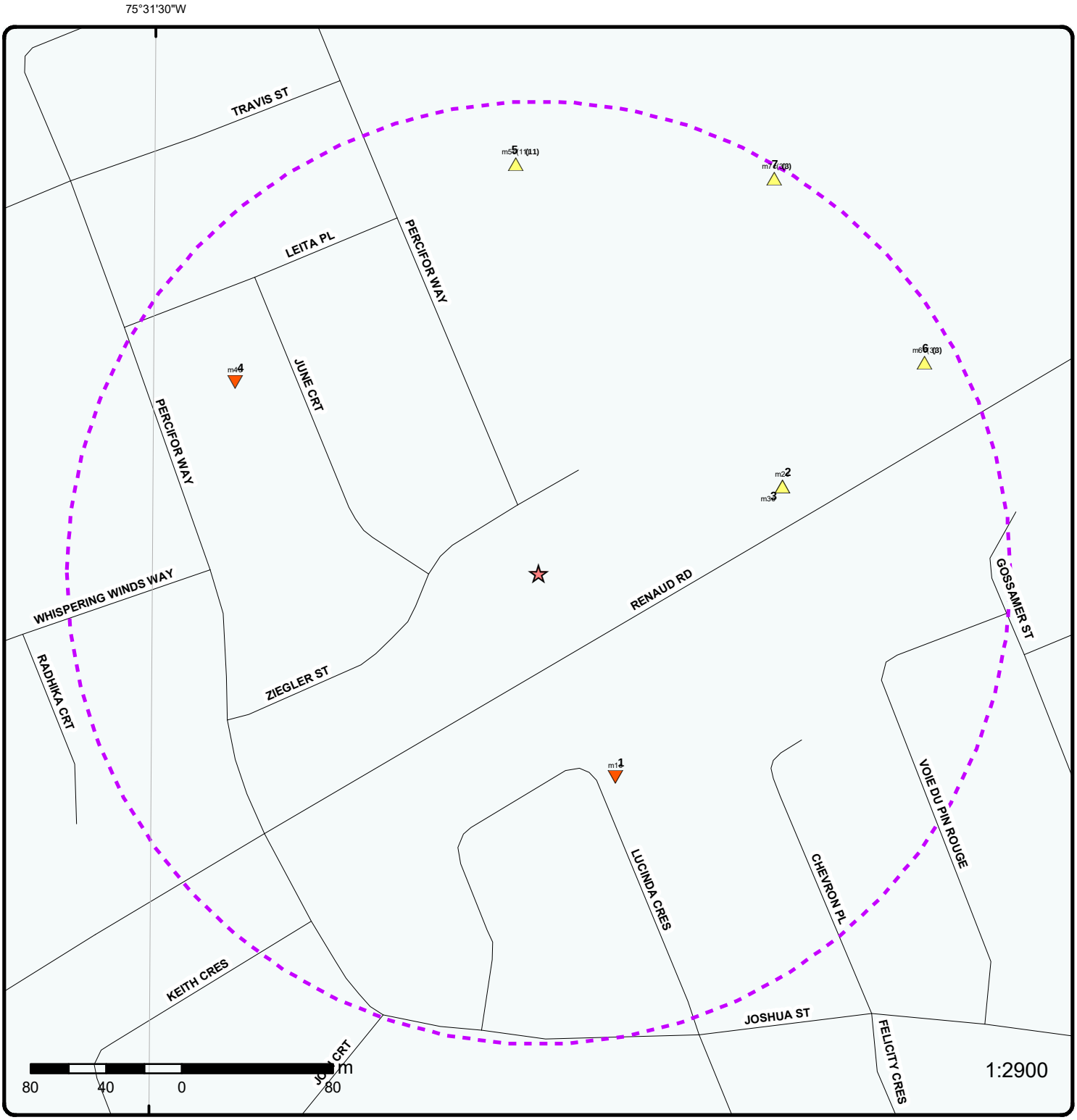
Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	3060 Navan Rd Ottawa ON	N	217.24	5
Enbridge Gas Distribution Inc.	6071 renaud Road, Orleans<UNOFFICIAL> Ottawa ON K1C 7G4	ENE	232.63	6
Enbridge Gas Distribution Inc.	6071 renaud Road, Orleans<UNOFFICIAL> Ottawa ON K1C 7G4	ENE	232.63	6

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 6 con 3 ON ***Well ID:*** 1501421	ENE	136.98	2



Map: 0.25 Kilometer Radius

Order Number: 21030900290

Address: 6001, 6005 Renaud Rd, Orléans, ON

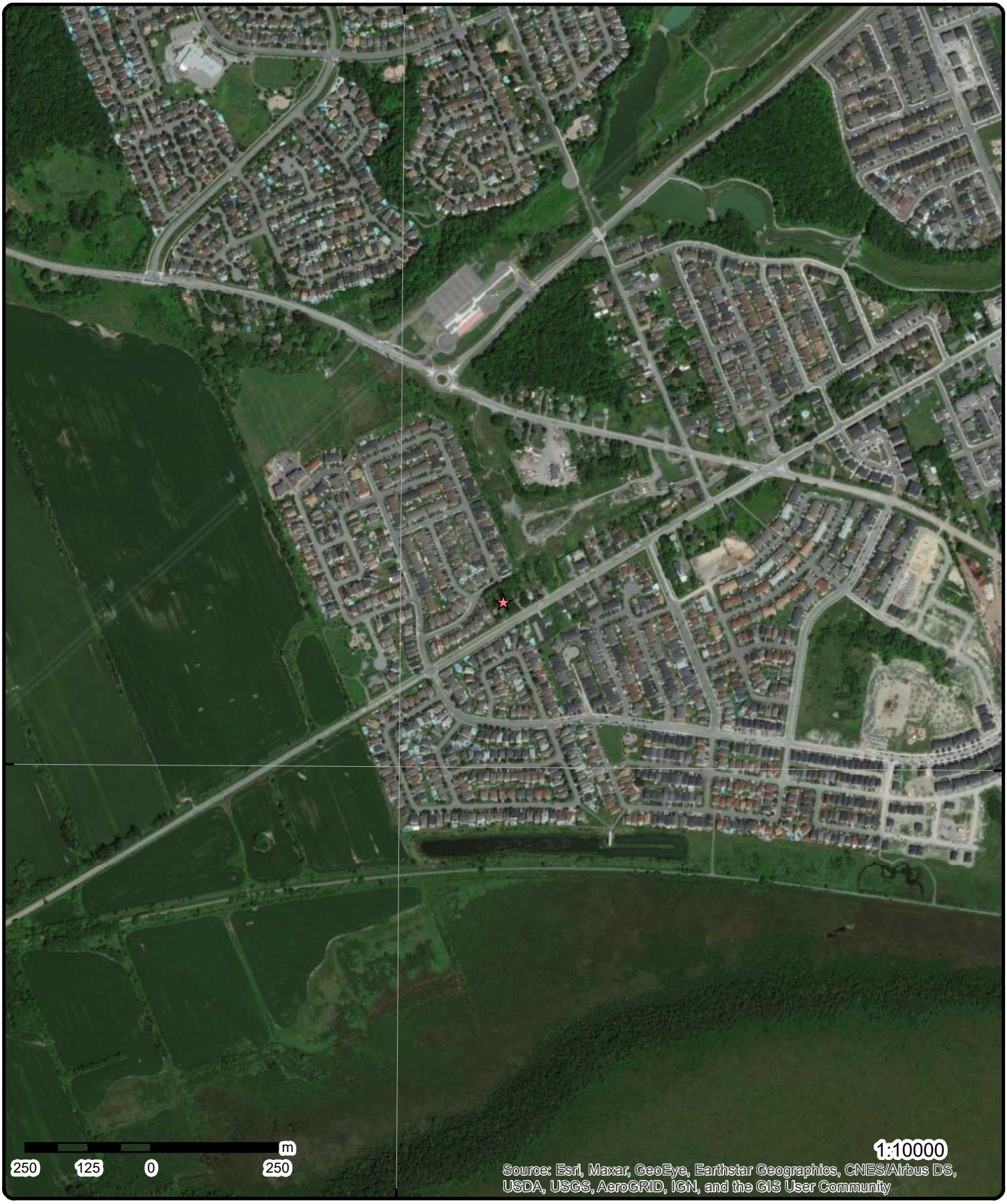
ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2015 DMTI Spatial Inc.

75°31'30"W

45°25'30"N



45°25'30"N

Aerial

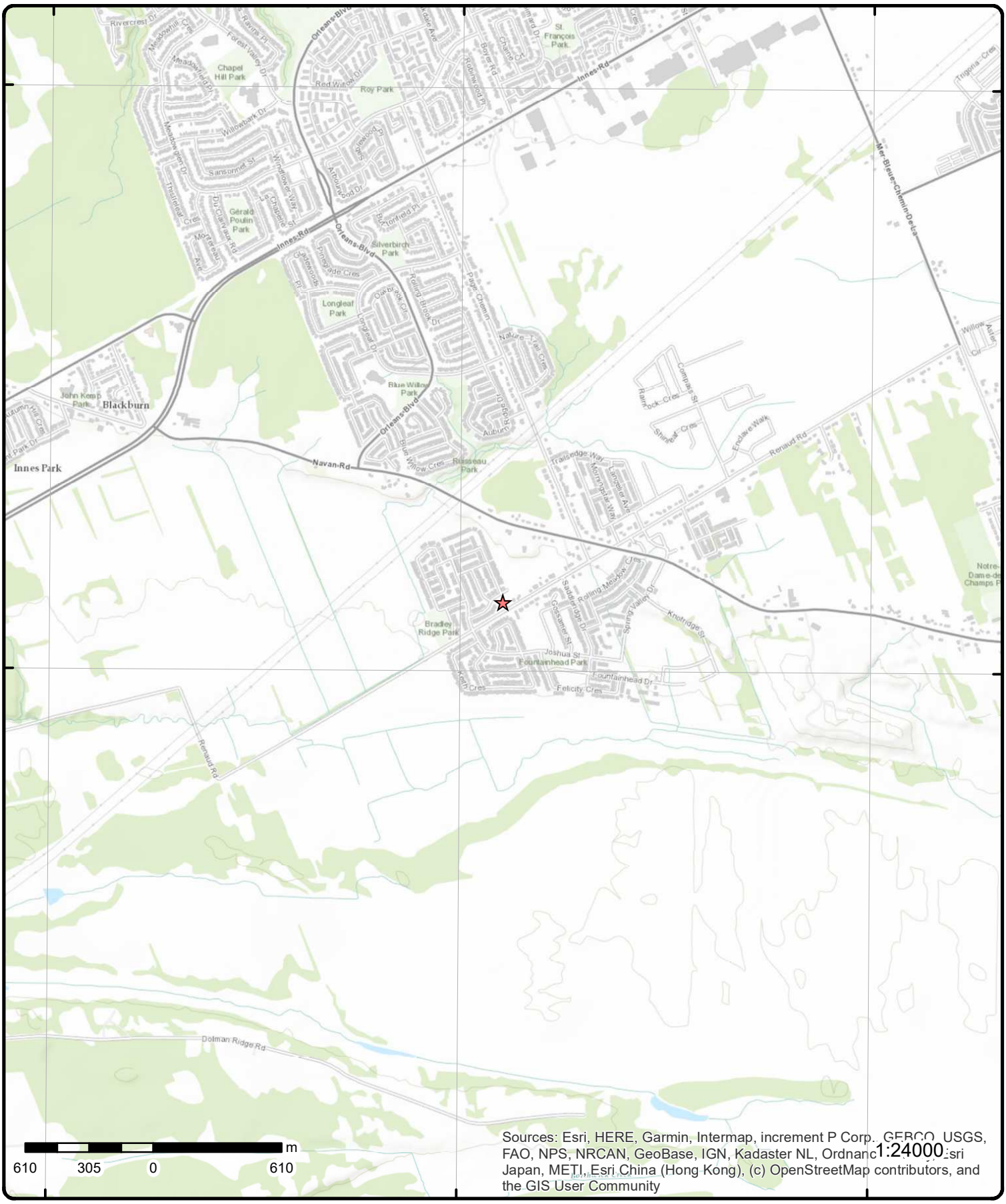
Year: 2008

Order Number: 21030900290

Address: 6001, 6005 Renaud Rd, Orléans, ON

Source: ESRI World Imagery

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 6001, 6005 Renaud Rd, ON

Source: ESRI World Topographic Map

Order Number: 21030900290

ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SSE/115.5	73.9 / -1.85	231 LUCINDA CRESCENT ORLEANS ON K1W 0A1	HINC

External File Num:	FS INC 0706-02747
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	5/26/2007
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	Yes
Property Damage:	Yes
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training: Yes Management:Yes Human Factors:Yes
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	ENE/137.0	76.8 / 1.07	lot 6 con 3 ON	WWIS

Well ID:	1501421	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/25/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	OF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501421.pdf

Bore Hole Information

Bore Hole ID:	10023464	**Elevation:**	75.335517
DP2BR:	100	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	459265.8
Code OB Desc:	Bedrock	**North83:**	5030672
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	1/7/1961	**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:	930991791
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	19
Most Common Material:	SLATE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	100
Formation End Depth:	116
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991790
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	100
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501421
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572034
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930039809
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	110
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039810
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	116
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501421
Pump Set At:	
Static Level:	21
Final Level After Pumping:	40
Recommended Pump Depth:	40
Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	7
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	6
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454128
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	116
Water Found Depth UOM:	ft

3	*1 of 1*	*ENE/137.0*	*76.8 / 1.07*	*ON*	***BORE***

Borehole ID:	615081	***Inclin FLG:***	No
OGF ID:	215516023	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No

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

Use:		***Primary Name:***	
Completion Date:	JAN-1961	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.428385
Total Depth m:	35.4	***Longitude DD:***	-75.520727
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	459266
Drill Method:		***Northing:***	5030672
Orig Ground Elev m:	76.2	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	75.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400353	***Mat Consistency:***	
Top Depth:	30.5	***Material Moisture:***	
Bottom Depth:	35.4	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Slate	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SLATE. BROWN. 00116. BEDROCK. 00035 010 WEATHERED. 0001001400089100 30RED. 00 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218400352	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	30.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:		***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07589 NTS_Sheet:		
Confiden 1:			

Source List

Source Identifier:	1	***Horizontal Datum:***	NAD27
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	1956-1972	***Projection Name:***	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	WNW/189.9	74.9 / -0.85	ENBRIDGE GAS INC 411 JUNE CRT,,ORLÉANS,ON,K1W 0E3,CA ON	PINC

Incident ID:
Incident No: 2883498
Incident Reported Dt: 7/7/2020
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: ENBRIDGE GAS INC
Incident Address: 411 JUNE CRT,,ORLÉANS,ON,K1W 0E3,CA
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interupt:
Enforce Policy:
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	1 of 11	N/217.2	78.4 / 2.73	MARCEL BRAZEAU LTD. 26-391 3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	GEN

Generator No: ON1212200
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 4564
SIC Description: BULK DRY TRUCKING

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	2 of 11	N/217.2	78.4 / 2.73	MARCEL BRAZEAU LTD. 3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	GEN

Generator No: ON1212200
Status:
Approval Years: 99,00,01,02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 4564
SIC Description: BULK DRY TRUCKING

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

Detail(s)

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

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

5	3 of 11	N/217.2	78.4 / 2.73	MARCEL BRAZEAU TOP SOIL 3060 NAVAN RD NAVAN ON	FSTH

License Issue Date: 10/1/2001
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 2001
Corrosion Protection:
Capacity: 9280
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

Status: Active
Year of Installation: 2001
Corrosion Protection:
Capacity: 1345
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

5	4 of 11	N/217.2	78.4 / 2.73	MARCEL BRAZEAU TOP SOIL 3060 NAVAN RD NAVAN ON	FSTH

License Issue Date: 10/1/2001
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 2001
Corrosion Protection:
Capacity: 9280
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

Status: Active
Year of Installation: 2001
Corrosion Protection:
Capacity: 1345
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

5	5 of 11	N/217.2	78.4 / 2.73	MARCEL BRAZEAU LTD. 3060 NAVAN ROAD	GEN

GLOUCESTER ON K1W 1E9

Generator No:	ON1212200	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2009	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	561730		
SIC Description:	Landscaping Services		

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

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5 ***6 of 11*** ***N/217.2*** ***78.4 / 2.73*** ***MARCEL BRAZEAU LTD.*** ***GEN***
3060 NAVAN ROAD
GLOUCESTER ON K1W 1E9

Generator No:	ON1212200	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2010	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	561730		
SIC Description:	Landscaping Services		

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

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5 ***7 of 11*** ***N/217.2*** ***78.4 / 2.73*** ***MARCEL BRAZEAU TOP SOIL*** ***FST***
3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA
ON

Instance No:	11649401	***Manufacturer:***	NULL
Status:	Active	***Serial No:***	NULL
Cont Name:		***Ulc Standard:***	NULL
Instance Type:	FS Liquid Fuel Tank	***Quantity:***	1
Item:	FS LIQUID FUEL TANK	***Unit of Measure:***	EA
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Gasoline
Tank Type:	Single Wall Horizontal AST	***Fuel Type2:***	NULL

Install Date:	10/1/2001	**Fuel Type3:**	NULL
Install Year:	2001	**Piping Steel:**	
Years in Service:	9.5	**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	9280	**Num Underground:**	
Tank Material:	Steel	**Panam Related:**	NULL
Corrosion Protect:	Coating	**Panam Venue:**	NULL
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location: 3060 NAVAN RD NAVAN K4B ON CA
Device Installed Location: 3060 NAVAN RD NAVAN K4B ON CA

Fuel Storage Tank Details

Owner Account Name: MARCEL BRAZEAU TOP SOIL

Liquid Fuel Tank Details

Overfill Protection: NULL
Owner Account Name: MARCEL BRAZEAU TOP SOIL

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5 | ***8 of 11*** | ***N/217.2*** | ***78.4 / 2.73*** | ***MARCEL BRAZEAU TOP SOIL 3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA ON*** | ***FST***

Instance No:	11649418	**Manufacturer:**	NULL
Status:	Active	**Serial No:**	NULL
Cont Name:		**Ulc Standard:**	NULL
Instance Type:	FS Liquid Fuel Tank	**Quantity:**	1
Item:	FS LIQUID FUEL TANK	**Unit of Measure:**	EA
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Gasoline
Tank Type:	Single Wall Horizontal AST	**Fuel Type2:**	NULL
Install Date:	10/1/2001	**Fuel Type3:**	NULL
Install Year:	2001	**Piping Steel:**	
Years in Service:	9.5	**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	1345	**Num Underground:**	
Tank Material:	Steel	**Panam Related:**	NULL
Corrosion Protect:	Coating	**Panam Venue:**	NULL
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location: 3060 NAVAN RD NAVAN K4B ON CA
Device Installed Location: 3060 NAVAN RD NAVAN K4B ON CA

Fuel Storage Tank Details

Owner Account Name: MARCEL BRAZEAU TOP SOIL

Liquid Fuel Tank Details

Overfill Protection: NULL
Owner Account Name: MARCEL BRAZEAU TOP SOIL

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5 | ***9 of 11*** | ***N/217.2*** | ***78.4 / 2.73*** | ***Enbridge Gas Distribution Inc. 3060 Navan Rd Ottawa ON*** | ***SPL***

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

Ref No: 2256-ARRND6
Site No: NA
Incident Dt: 10/2/2017
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1075
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/2/2017
Dt Document Closed:

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type: Corporation
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: 3060 Navan Rd
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5030941.21
Easting: 459389.33
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill

Incident Reason: Operator/Human Error
Source Type: Valve/Fitting/Piping
Site Name: Site of line strike<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA FSB; 1" pl, IP, residential line dmgd; made safe
Contaminant Qty: 0 other - see incident description

5	10 of 11	N/217.2	78.4 / 2.73	PIPELINE HIT 1" 3060 NAVAN RD,,ORLÉANS,ON,K1W 1E9,CA ON	PINC

Incident ID:
Incident No: 2186506
Incident Reported Dt: 11/6/2017
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: PIPELINE HIT 1"
Incident Address: 3060 NAVAN RD,,ORLÉANS,ON,K1W 1E9, CA
Tank Status: Non Mandated
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interupt:
Enforce Policy:
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

5	11 of 11	N/217.2	78.4 / 2.73	PIPELINE HIT 1" 3060 NAVAN RD,,OTTAWA,ON,K1W 1E9,CA ON	PINC

Incident ID:

Fuel Category:

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

Incident No:	2165568	***Health Impact:***	
Incident Reported Dt:	10/2/2017	***Environment Impact:***	
Type:	FS-Pipeline Incident	***Property Damage:***	
Status Code:		***Service Interupt:***	
Customer Acct Name:	PIPELINE HIT 1"	***Enforce Policy:***	
Incident Address:	3060 NAVAN RD,,OTTAWA,ON,K1W 1E9,CA	***Public Relation:***	
Tank Status:	Pipeline Damage Reason Est	***Pipeline System:***	
Task No:		***Depth:***	
Spills Action Centre:		***Pipe Material:***	
Fuel Type:		***PSIG:***	
Fuel Occurrence Tp:		***Attribute Category:***	
Date of Occurrence:		***Regulator Location:***	
Occurrence Start Dt:		***Method Details:***	
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

6	***1 of 3***	***ENE/232.6***	***77.2 / 1.44***	***Enbridge Gas Distribution Inc.*** ***6071 renaud Road, Orleans<UNOFFICIAL>*** ***Ottawa ON K1C 7G4***	***SPL***

Ref No:	3767-86WMPR			***Discharger Report:***	
Site No:				***Material Group:***	
Incident Dt:				***Health/Env Conseq:***	
Year:				***Client Type:***	
Incident Cause:				***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:***	
Nature of Impact:				***Site Lot:***	
Receiving Medium:				***Site Conc:***	
Receiving Env:				***Northing:***	
MOE Response:	Referral to others			***Easting:***	
Dt MOE Arvl on Scn:				***Site Geo Ref Accu:***	
MOE Reported Dt:	6/30/2010			***Site Map Datum:***	
Dt Document Closed:	7/12/2010			***SAC Action Class:***	TSSA - Fuel Safety Branch
Incident Reason:				***Source Type:***	
Site Name:	6071 renaud Road, Orleans<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Pipeline stke, 4 inch plstic main, EG to make safe				
Contaminant Qty:					

6	***2 of 3***	***ENE/232.6***	***77.2 / 1.44***	***Enbridge Gas Distribution Inc.*** ***6071 renaud Road, Orleans<UNOFFICIAL>*** ***Ottawa ON K1C 7G4***	***SPL***

Ref No:	3767-86WMPR	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	

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

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:**	
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	Referral to others	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/30/2010	**Site Map Datum:**	
Dt Document Closed:	7/12/2010	**SAC Action Class:**	TSSA - Fuel Safety Branch
Incident Reason:		**Source Type:**	
Site Name:	6071 renaud Road, Orleans<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Pipeline stke, 4 inch plstic main, EG to make safe		
Contaminant Qty:			

6	3 of 3	ENE/232.6	77.2 / 1.44	6071 Renaud Road, Orleans ON K1C 7G4	INC

Incident No:	416666	**Any Health Impact:**	
Incident ID:	2568366	**Any Enviro Impact:**	
Instance No:		**Service Interrupted:**	
Status Code:	Causal Analysis Complete	**Was Prop Damaged:**	
Attribute Category:	FS-Incident	**Reside App. Type:**	
Context:		**Commer App. Type:**	
Date of Occurrence:		**Indus App. Type:**	
Time of Occurrence:		**Institut App. Type:**	
Incident Created On:		**Venting Type:**	
Instance Creation Dt:		**Vent Conn Mater:**	
Instance Install Dt:		**Vent Chimney Mater:**	
Occur Insp Start Date:		**Pipeline Type:**	Main Distribution Pipeline
Approx Quant Rel:		**Pipeline Involved:**	
Tank Capacity:		**Pipe Material:**	Plastic
Fuels Occur Type:		**Depth Ground Cover:**	.7m
Fuel Type Involved:		**Regulator Location:**	
Enforcement Policy:		**Regulator Type:**	
Prc Escalation Req:		**Operation Pressure:**	IP
Tank Material Type:		**Liquid Prop Make:**	
Tank Storage Type:		**Liquid Prop Model:**	
Tank Location Type:		**Liquid Prop Serial No:**	
Pump Flow Rate Cap:		**Liquid Prop Notes:**	
Task No:		**Equipment Type:**	
Notes:		**Equipment Model:**	
Drainage System:		**Serial No:**	
Sub Surface Contam.:		**Cylinder Capacity:**	
Aff Prop Use Water:		**Cylinder Cap Units:**	
Contam. Migrated:		**Cylinder Mat Type:**	
Contact Natural Env:		**Near Body of Water:**	
Incident Location:	6071 Renaud Road, Orleans - 4" Pipeline Hit		
Occurence Narrative:	4" line not identified on middle locate, excavation companies failed to call to clarify locate upon finding in active 2" line and dug without markings		
Operation Type Involved:			
Item:			
Item Description:			
Device Installed Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 3	NE/243.4	79.9 / 4.15	Navan and Renaud Road Ottawa ON K4B 1H9	EHS

Order No:	20200508091	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	13-MAY-20	**Search Radius (km):**	.25
Date Received:	08-MAY-20	**X:**	-75.52079553
Previous Site Name:		**Y:**	45.42985255
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	2 of 3	NE/243.4	79.9 / 4.15	Navan and Renaud Road Ottawa ON K4B 1H9	EHS

Order No:	20200508091	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	13-MAY-20	**Search Radius (km):**	.25
Date Received:	08-MAY-20	**X:**	-75.52079553
Previous Site Name:		**Y:**	45.42985255
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	3 of 3	NE/243.4	79.9 / 4.15	Navan and Renaud Road Ottawa ON K4B 1H9	EHS

Order No:	20200508091	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	13-MAY-20	**Search Radius (km):**	.25
Date Received:	08-MAY-20	**X:**	-75.52079553
Previous Site Name:		**Y:**	45.42985255
Lot/Building Size:			
Additional Info Ordered:			

Unplottable Summary

Total: 26 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Fourth Line Road Pond No. 3	Pt. Lot 7, Conc. 4, O.F., Plan 4R-7806	Gloucester ON	
CA	R.M. OF OTTAWA-CARLETON-LOT 6,7 & 8	BLACKBURN HAMLET BYPASS	GLOUCESTER CITY ON	
CA	Claridge Homes (Carson) Inc.	Renaud Rd	Ottawa ON	
CA	1374421 Ontario Ltd.	North Part of Lot 6, Concession III	Ottawa ON	
CA	1374421 Ontario Ltd.	North Part of Lot 6, Concession III	Ottawa ON	
CA	Ashcroft Homes - Eastboro Inc.	Renaud Road	Ottawa ON	
CA	Ashcroft Homes - Eastboro Inc.	Renaud Road	Ottawa ON	
CA	Longwood Building Corporation	Part of Lot 6, Between Concession 2 & 3	Ottawa ON	
CA	Ashcroft Homes - Eastboro Inc.	Renaud Road	Ottawa ON	
CA		Lot 6, Concession 2 and 3	Ottawa ON	
CA		Lot 6, Concession 2 and 3	Ottawa ON	
EBR	Marcel Brazeau Limited		ON	
EBR	Marcel Brazeau Ltd.	Geographic Township of Nepean Part Lot 12, Concession 4 Rideau Front CITY OF OTTAWA	ON	
ECA	Longwood Building Corporation	Part of Lot 6 in the Gore Concession between Concessions 2 & 3, Rideau Front	Ottawa ON	K1J 9H8
ECA	Humanics Universal Inc.	Part of Lot 7	Ottawa ON	K4A 1Z6
PTTW	Minto Communities Inc.		ON	
WWIS		lot 6	ON	
WWIS		lot 7	ON	

WWIS	lot 7	ON
WWIS	lot 6	ON
WWIS	lot 6	ON
WWIS	lot 6	ON
WWIS	lot 7	ON
WWIS	lot 6	ON
WWIS	lot 7	ON
WWIS	lot 6	ON

Unplottable Report

Site: ***Fourth Line Road Pond No. 3***
Pt. Lot 7, Conc. 4, O.F., Plan 4R-7806 Gloucester ON

Database: ***CA***

Certificate #:	7367-4SUGSG
Application Year:	01
Issue Date:	3/7/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the City of Ottawa
Client Address:	1595, Telesat Court
Client City:	Gloucester
Client Postal Code:	K1G 3V5
Project Description:	This application is for the construction of a storm water management facility (Fourth Line Road Pond No. 3) designed for storm water quality and peak flow control to serve the East Urban Community.
Contaminants:	
Emission Control:	

Site: ***R.M. OF OTTAWA-CARLETON-LOT 6,7 & 8***
BLACKBURN HAMLET BYPASS GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	3-0636-90-
Application Year:	90
Issue Date:	4/26/1990
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Claridge Homes (Carson) Inc.***
Renaud Rd Ottawa ON

Database: ***CA***

Certificate #:	6667-7P8R2K
Application Year:	2009
Issue Date:	2/13/2009
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***1374421 Ontario Ltd.***
North Part of Lot 6, Concession III Ottawa ON

Database: ***CA***

Certificate #:	7248-6M3NHQ

Application Year: 2006
Issue Date: 2/17/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***1374421 Ontario Ltd.***
North Part of Lot 6, Concession III Ottawa ON

Database: ***CA***

Certificate #: 1907-62VS2P
Application Year: 2004
Issue Date: 7/21/2004
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Ashcroft Homes - Eastboro Inc.***
Renaud Road Ottawa ON

Database: ***CA***

Certificate #: 2240-8ERLQE
Application Year: 2011
Issue Date: 3/14/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Ashcroft Homes - Eastboro Inc.***
Renaud Road Ottawa ON

Database: ***CA***

Certificate #: 7226-6GLJQM
Application Year: 2011
Issue Date: 6/24/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Longwood Building Corporation***
Part of Lot 6, Between Concession 2 & 3 Ottawa ON

Database: ***CA***

Certificate #: 6229-6EQGQE
Application Year: 2005
Issue Date: 7/28/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Ashcroft Homes - Eastboro Inc.***
Renaud Road Ottawa ON

Database: ***CA***

Certificate #: 1462-8E5P3N
Application Year: 2011
Issue Date: 2/23/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
Lot 6, Concession 2 and 3 Ottawa ON

Database: ***CA***

Certificate #: 5772-4W5M6D
Application Year: 01
Issue Date: 4/25/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: Storm and sanitary sewers to be constructed on Witherspoon Crescent
Contaminants:
Emission Control:

Site:
Lot 6, Concession 2 and 3 Ottawa ON

Database: ***CA***

Certificate #: 6816-54HQ5P
Application Year: 01
Issue Date: 11/16/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3

Project Description: Sanitary Sewers including appurtenances from approximately 50m west of Ironside Court to the Goulbourn Forced Road to serve the Kanata Lakes Subdivision, City of Ottawa

Contaminants:
Emission Control:

Site: ***Marcel Brazeau Limited ON***

Database: ***EBR***

EBR Registry No:	019-2113	***Decision Posted:***	November 10, 2020
Ministry Ref No:		***Exception Posted:***	
Notice Type:	Instrument	***Section:***	Section 13 (3.1)
Notice Stage:	Decision	***Act 1:***	Aggregate Resources Act, R.S.O. 1990
Notice Date:		***Act 2:***	Aggregate Resources Act
Proposal Date:	July 23, 2020	***Site Location Map:***	
Year:	2020		

Instrument Type: Changes to the site plan for a pit or quarry
Off Instrument Name: Approval of licensee proposed amendment to a site plan
Posted By: Ministry of Natural Resources and Forestry
Company Name:
Site Address:
Location Other:
Proponent Name: Marcel Brazeau Limited
Proponent Address: Marcel Brazeau Limited
PO Box 231
Gloucester,
ON
K1G 3N5
Canada
Comment Period: July 23, 2020 - August 24, 2020 (32 days) Closed
URL: https://ero.ontario.ca/notice/019-2113

Site Location Details:

City of Ottawa
Part Lot 8, Concession 3RF, Geographic Township of Nepean
The site is located south of Barrhaven, in the City of Ottawa, on Borrisokane Road.
The site is Aggregate Resources Act Licence No. 4219.
A link showing sites licensed under the Aggregate Resources Act is provided: https:ontario.ca/page/find-pits-and-quarries

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Site: ***Marcel Brazeau Ltd.***
Geographic Township of Nepean Part Lot 12, Concession 4 Rideau Front CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No:	012-7185	***Decision Posted:***	
Ministry Ref No:	MNRF INST 28/16	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	October 26, 2017	***Act 2:***	
Proposal Date:	March 29, 2016	***Site Location Map:***	
Year:	2016		

Instrument Type: (ARA s. 16 (2)) - Approval of licensee proposed amendment to a site plan
Off Instrument Name:
Posted By:
Company Name: Marcel Brazeau Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 130 Entreprise Road, Vars Ontario, Canada K0A 3H0
Comment Period:
URL:

Site Location Details:

Geographic Township of Nepean Part Lot 12, Concession 4 Rideau Front CITY OF OTTAWA

Site: ***Longwood Building Corporation***
Part of Lot 6 in the Gore Concession between Concessions 2 & 3, Rideau Front Ottawa ON K1J 9H8

Database: ***ECA***

Approval No:	7831-6FARGB	***MOE District:***	
Approval Date:	2005-08-26	***City:***	
Status:	Revoked and/or Replaced	***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:	Part of Lot 6 in the Gore Concession between Concessions 2 & 3, Rideau Front		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9514-6ENNP8-14.pdf		

Site: ***Humanics Universal Inc.***
Part of Lot 7 Ottawa ON K4A 1Z6

Database: ***ECA***

Approval No:	2541-AK4T53	***MOE District:***	
Approval Date:	2017-03-30	***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:	Part of Lot 7		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6813-AA2NAF-14.pdf		

Site: ***Minto Communities Inc.***
ON

Database: ***PTTW***

EBR Registry No:	012-0928	***Decision Posted:***	
Ministry Ref No:	8538-9EZNF6	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	September 02, 2015	***Act 2:***	
Proposal Date:	January 24, 2014	***Site Location Map:***	
Year:	2014		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Minto Communities Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6		
Comment Period:			
URL:			

Site Location Details:

Renaud Road Road allowance between Concessions 3 and 4 on Ottawa River, in front of Lots 3 and 4, geographic township of Gloucester City of Ottawa AND Trails Edge, Phase 2 Lots 3 and 4, Concession 3 on Ottawa River, geographic township of Gloucester City of Ottawa CITY OF OTTAWA

Site:
lot 6 ON

Database: ***WWIS***

Well ID:	1522283	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/17/1988

Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 25126
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 006
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044096
DP2BR: 82
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 4/15/1988
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931050813
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 68
Formation End Depth: 82
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050814
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 82

Formation End Depth: 85
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050811
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 8
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050810
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050812
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 20
Formation End Depth: 68
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522283
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10592666
Casing No: 1

Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077120
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 85
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930077119
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 83
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522283
Pump Set At:
Static Level: 12
Final Level After Pumping: 50
Recommended Pump Depth: 60
Pumping Rate: 10
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: No

Draw Down & Recovery

Pump Test Detail ID: 934655043
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934903458
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109811

Test Type: Draw Down
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934385794
Test Type: Draw Down
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933480113
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 84
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1528661
Construction Date:
Primary Water Use: Municipal
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No: 147555
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/3/1995
Selected Flag: Yes
Abandonment Rec:
Contractor: 4006
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 007
Concession:
Concession Name: LI
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050197
DP2BR: 20
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/23/1995
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931070398
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 17
Mat2 Desc: SHALE
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 20
Formation End Depth: 31
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070397
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070399
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 31
Formation End Depth: 110
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070400
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 12
Mat2 Desc: STONES
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 110
Formation End Depth: 130
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113582
Layer: 1
Plug From: 0
Plug To: 15
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113584
Layer: 3
Plug From: 115
Plug To: 130
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113583
Layer: 2
Plug From: 15
Plug To: 115
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528661
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10598767
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087739
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 130
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Water Details

Water ID: 933488460
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 123
Water Found Depth UOM: ft

lot 7 ON

Well ID:	1530016	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/11/1998
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	1
Audit No:	191004	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	007
Well Depth:		***Concession:***	
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:	10051551	***Elevation:***	
DP2BR:	6	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	4/15/1998	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931074211
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6
Formation End Depth:	515
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931074210
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY

Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115132
Layer: 1
Plug From: 0
Plug To: 40
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530016
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10600121
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089812
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 515
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930089811
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530016
Pump Set At:
Static Level: 70
Final Level After Pumping: 75
Recommended Pump Depth: 475
Pumping Rate: 4
Flowing Rate:

Recommended Pump Rate: 2
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934392210
Test Type: Recovery
Test Duration: 30
Test Level: 75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934117232
Test Type: Recovery
Test Duration: 15
Test Level: 75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934661368
Test Type: Recovery
Test Duration: 45
Test Level: 75
Test Level UOM: ft

Water Details

Water ID: 933490027
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 260
Water Found Depth UOM: ft

Water Details

Water ID: 933490028
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 425
Water Found Depth UOM: ft

Site:
lot 6 ON

Database:
WWIS

Well ID: 1500388
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:

Data Entry Status:
Data Src: 1
Date Received: 2/26/1948
Selected Flag: Yes
Abandonment Rec:
Contractor: 1107
Form Version: 1
Owner:
Street Name:
County: OTTAWA

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

Municipality: OTTAWA CITY (GLOUCESTER)
Site Info:
Lot: 006
Concession:
Concession Name: JG
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10022433
DP2BR: 25
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/14/1947
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 930989140
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989143
Layer: 4
Color:
General Color:
Mat1: 26
Most Common Material: ROCK
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 25
Formation End Depth: 59
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989141
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989142
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 20
Formation End Depth: 25
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500388
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571003
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930037801
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 59
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037800
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25

Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991500388
Pump Set At:	
Static Level:	1
Final Level After Pumping:	1
Recommended Pump Depth:	
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	8
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933452905
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	59
Water Found Depth UOM:	ft

Site:
lot 6 ON

Database:
WWIS

Well ID:	1520608	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/12/1986
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:	NA	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	006
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:	10042450	***Elevation:***	
DP2BR:	27	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	5/6/1986	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na

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

Overburden and Bedrock Materials Interval

Formation ID: 931045301
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 18
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931045300
Layer: 1
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 18
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931045302
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 82
Mat2 Desc: SHALY
Mat3:
Mat3 Desc:
Formation Top Depth: 27
Formation End Depth: 120
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520608
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID:	10591020
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930074092
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:	930074093
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	120
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991520608
Pump Set At:	
Static Level:	15
Final Level After Pumping:	40
Recommended Pump Depth:	40
Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	6
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934648380
Test Type:	
Test Duration:	45
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934907141
Test Type:	
Test Duration:	60
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: 934387357
Test Type:
Test Duration: 30
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112494
Test Type:
Test Duration: 15
Test Level: 40
Test Level UOM: ft

Water Details

Water ID: 933477900
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40
Water Found Depth UOM: ft

Water Details

Water ID: 933477901
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 115
Water Found Depth UOM: ft

Site:
lot 6 ON

Database:
WWIS

Well ID: 1535511
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No: Z17640
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/28/2005
Selected Flag: Yes
Abandonment Rec:
Contractor: 6907
Form Version: 3
Owner:
Street Name:
County: OTTAWA
Municipality: 15000
Site Info:
Lot: 006
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316050
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data

Elevation:
Elevrc:
Zone:
East83:
North83:

Open Hole:
Cluster Kind:
Date Completed: 4/11/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Method of Construction & Well Use

Method Construction ID: 961535511
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11330905
Casing No: 1
Comment:
Alt Name:

Site:
lot 7 ON

Database: ***WWIS***

Well ID: 1522583
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 38250
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: 9/27/1988
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044395
DP2BR: 69
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 8/13/1988
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931051959
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 55
Formation End Depth: 69
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931051957
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 4
Formation End Depth: 13
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931051960
Layer: 5
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 69
Formation End Depth: 100
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931051958
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 13

Formation End Depth: 55
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931051956
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 4
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522583
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10592965
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077636
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930077635
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 74
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522583
Pump Set At:
Static Level: 20
Final Level After Pumping: 50

Recommended Pump Depth: 60
Pumping Rate: 20
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: No

Draw Down & Recovery

Pump Test Detail ID: 934904535
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656138
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110919
Test Type: Draw Down
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386344
Test Type: Draw Down
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933480533
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70
Water Found Depth UOM: ft

Water Details

Water ID: 933480534
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 93
Water Found Depth UOM: ft

lot 6 ON

Well ID:	1522709	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/26/1988
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:	27039	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	006
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:	10044519	***Elevation:***	
DP2BR:	23	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	7/25/1988	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931052356
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	23
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931052357
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 23
Formation End Depth: 95
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052358
Layer: 3
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 95
Formation End Depth: 123
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522709
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593089
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077854
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 123
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930077853
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 26
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522709
Pump Set At:
Static Level: 20
Final Level After Pumping: 70
Recommended Pump Depth: 70
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate: 15
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934656258
Test Type:
Test Duration: 45
Test Level: 70
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905075
Test Type:
Test Duration: 60
Test Level: 70
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111038
Test Type:
Test Duration: 15
Test Level: 70
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386882
Test Type:
Test Duration: 30
Test Level: 70
Test Level UOM: ft

Water Details

Water ID: 933480703
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 95
Water Found Depth UOM: ft

Water Details

Water ID: 933480704
Layer: 2
Kind Code: 1
Kind: FRESH

Water Found Depth: 118
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1524618
Construction Date:
Primary Water Use: Cooling And A/C
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 84331
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 6/21/1990
Selected Flag: Yes
Abandonment Rec:
Contractor: 5222
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046366
DP2BR: 12
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/13/1990
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931058527
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 12
Formation End Depth: 21
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058526
Layer: 2

Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 08
Mat2 Desc: FINE SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 6
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058525
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524618
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594936
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081182
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Site:
lot 6 ON

Database: ***WWIS***

Well ID: 1528362
Construction Date:
Primary Water Use: Municipal
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:

Data Entry Status:
Data Src: 1
Date Received: 12/19/1994
Selected Flag: Yes
Abandonment Rec:
Contractor: 6844
Form Version: 1

Audit No:	154297	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	006
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:	10049901	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	6/22/1994	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931069429
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11
Formation End Depth:	17
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931069428
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	2
Formation End Depth:	11
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931069427
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961528362
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10598471
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930087230
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	15
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Water Details

Water ID:	933488022
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	4
Water Found Depth UOM:	ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Dec 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 2020

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Jan 31, 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 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry: Provincial EASR

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

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

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Sep 2020

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Jul 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 2018

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-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, 2020

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Aug 31, 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 2020

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Jan 31, 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: Oct 2011-Dec 31, 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: Oct 31, 2020

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-Jan 31, 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 cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

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

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Mar 2020; Jul 2020 - Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 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 - Dec 2020

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: Jul 31, 2020

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-Dec 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: Apr 30, 2020

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.

Jesse Andrechek

From: Public Information Services <publicinformationservices@tssa.org>
Sent: March 11, 2021 12:50 PM
To: Jesse Andrechek
Subject: RE: Search Records Request: PE5210

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

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

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

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

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Sherees

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

From: Jesse Andrechek <JAndrechek@Patersongroup.ca>
Sent: March 10, 2021 11:09 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Search Records Request: PE5210

Good afternoon,

Could you please complete a search of your records for underground/aboveground storage tanks, historical spills or other incidents/infractions for the following addresses in Ottawa, ON:

Renaud Road: 6001, 6005, 6021, 6024, 6027, 6030, 6101

Navan Road: 2980
Ziegler Street: 232

Thank you!

Best regards,
Jesse Andrechek, BASc

patersongroup
solution oriented engineering
over 60 years serving our clients

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext. 228
Cell: (613) 913-3381

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Jesse Andrechek, BASc

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

Environmental Technician

EDUCATION

Queen's University, BASc, 2019
Civil Engineering

St. Lawrence College, Advanced Diploma, 2016
Civil Engineering Technology

EXPERIENCE

2019 – Present
Paterson Group Inc.
Consulting Engineers
Environmental and Geotechnical Department
Environmental Technician

2018, 2017 (Summer)
City of Ottawa, PIED
Asset Management Branch, Building and Park Assets
Engineering Summer Student

SELECT LIST OF PROJECTS

Phase I and II ESA – Various Sites – Ontario (CSA Z768-01 & MECP)
Remediation Supervision – Various Sites – Ottawa
Geotechnical Investigations – Various Sites – Ottawa, Kingston, Toronto
Groundwater Monitoring – Various Sites – Ottawa, Kingston, Toronto
Site Surveying – Various Sites – Ottawa, Kingston, Toronto

Mark S. D'Arcy, P. Eng.

patersongroup

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

POSITION

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

EDUCATION

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

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

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

SELECT LIST OF PROJECTS

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