Phase I Environmental Site Assessment – 3713 Navan Road, Navan, Ontario

Final Report

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Executive Summary

Stantec Consulting Ltd. (Stantec) was commissioned by Walk of Grace Residential Services to conduct a Phase I Environmental Site Assessment (ESA) to support a major Zoning By-Law Amendment (ZBA) for the 3713 Navan Road project, located at 3713 Navan Road, in Ottawa, Ontario, hereinafter referred to as the “Site”. The project entails the replacement of an unoccupied financial institution building with a proposed community health and resource centre situated in the City of Ottawa’s Innes Ward and East Urban community.

The purpose of the Phase I ESA was to assess for the presence of areas of potential environmental concern (APECs) at the Site, which may be present as a result of current and/or former activities at the Site and/or nearby properties. It is understood that a Record of Site Condition under Ontario Regulation 153/04 is not required for this project. Figures showing the Site and nearby lands are included in **Appendix A** and select site photographs are included in **Appendix B**.

SITE DESCRIPTION AND CURRENT OPERATIONS

The Site consists of one single-storey building with a basement, a parking lot, and an open field area to the south of the building, where the property owner anticipates that the septic holding tank or septic field may be present. At the time of the site visit, the Site was undergoing renovations as it transitions from a space formerly utilized for financial services to a long term health and wellness facility. At the time of the Site visit, the properties surrounding the Site to the north, east and west are dominantly utilized for residential purposes and properties south of the Site are utilized for light industrial/commercial purposes.

SITE AND AREA HISTORY

Based on aerial photographs and city directory search, the Site and surrounding properties appear to have been utilized for agricultural and residential purposes until at least 1953. Based on the 1976 aerial photograph, the properties surrounding the Site have been developed for residential and commercial purposes. Based on the 1991 aerial photograph, one building and a paved parking area is visible at the Site; the building configuration is consistent with the present-day building. A city directory search indicated the Site was occupied by Caisses Populaires de l’Ontario Region of d’Ottawa (2006 and 2007).

The neighbouring properties in the area were dominantly agricultural and residential, and have changed significantly to being residential properties comprised of detached and single, or two-storey homes with some light industrial and light commercial operations since 1976. In 2005 a golf course and mini-putt golf course were constructed directly south of the Site, between Navan Road and the Mer Bleue Wetland.

Notable historic neighbouring properties and potentially contaminating activities include a gasoline service station turned automobile garage located at 3747 Navan Road, and a recorded fuel spill located at the intersection of Mer Bleue Road and Navan Road which occurred in 1994. The former gasoline service station and current automobile garage are not considered to present an environmental concern to the Site based on the inferred groundwater flow direction; the former spill is not considered to present an environmental concern to the Site based on the age of the spill and the inferred groundwater flow direction.

CONCLUSIONS AND RECOMMENDATIONS

The Phase I ESA has revealed no evidence of potential and/or actual environmental contamination at the Site.

Stantec does not recommend a subsurface investigation be completed at the Site to assess the environmental quality of the soil and/or groundwater at the above-mentioned APECs. A reply from the MECP had not been received at the time of the issuance of this report. Should the conclusion and/or recommendations change based on the information received, Stantec will provide a summary of our findings

The statements made in this Executive Summary are subject to the project conditions described in the Closure (Section 6.0) and are to be read in conjunction with the remainder of this report.

1.0 INTRODUCTION

1.1 OBJECTIVE

Stantec Consulting Ltd. (Stantec) was commissioned by Walk of Grace Residential Services to conduct a Phase I Environmental Site Assessment (ESA) to support a major Zoning By-Law Amendment (ZBA) for the 3713 Navan Road project, located at 3713 Navan Road, in Ottawa, Ontario, hereinafter referred to as the "Site". The project entails the replacement of an unoccupied financial institution building with a proposed community health and resource centre situated in the City of Ottawa's Innes Ward and East Urban communities.

The purpose of the Phase I ESA was to assess for the presence of areas of potential environmental concern (APECs) at the Site, which may be present as a result of current and/or former activities at the Site and/or nearby properties. It is understood that a Record of Site Condition under Ontario Regulation 153/04 is not required for this project. Figures showing the Site and nearby lands are included in **Appendix A** and select site photographs are included in **Appendix B**.

1.2 SCOPE OF WORK

A Phase I ESA was conducted and consisted of the following:

- Review of available online aerial imagery provided on the geoOttawa website and purchased through ERIS;
- Purchase of a database report from ERIS that consisted of a search of available databases within a 250 metre (m) radius of the perimeter of the Site;
- A request to Opta Information Intelligence (Opta) for fire insurance plans and/or property underwriters' reports/plans associated with the Site;
- A request to the Ontario Ministry of the Environment, Conservation and Parks (MECP) for documents related to various environmental concerns (e.g., spills, incident reports, etc.) associated with the Site;
- A request to ERIS to search historical city directories for the Site and neighbouring properties;
- A request to the Technical Standards and Safety Authority (TSSA) for documents related to any incident reports, fuel oil spills, or contamination records respecting the Site, or any record of retail facilities or underground storage tanks licensed or register at the Site;
- Review of additional records including, but not limited to, environmental databases, landfill inventory, and geological and topographic maps;
- A site visit; and
- Evaluation of information and preparation of a report.

A Phase I ESA does not include sampling or testing of air, soil, groundwater, surface water or building materials. For this Phase I ESA, no enhancements to the CSA standard were made.

This assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems, which may exist for the Site.

The assessment of the Site for the potential presence of hazardous building materials was based on the age of the buildings and components, and a non-intrusive visual review of the Site. No sampling of materials was conducted. A Phase I ESA does not constitute a Hazardous Materials Survey or Designated Substances Survey.

The site visit was conducted by Mr. Romeet Gonsalves, B.Sc., G.I.T., and Mr. Joshua Fisher-Robertson, B.Sc. of Stantec on May 5, 2022. Mr. Elias Houkayem, Executive Director of Walk of Grace Residential Services accompanied Stantec during the Site visit. Drainage ditches on the Site and on surrounding properties had standing water; however, these areas are not expected to have limited observations during the Site visit.

Qualifications of the project team are provided in **Appendix C**.

1.3 REGULATORY FRAMEWORK

The purpose of a Phase I ESA is to identify actual and potential site contamination. Such identification involves the evaluation and reporting of existing information collected through records review, site visits, and interviews. Phase I ESAs may assist in reducing uncertainty about potential environmental liabilities and may be a basis for further investigation of a property. Phase I ESAs may be used to make informed decisions about property transactions, to identify certain baseline environmental conditions, to assist in meeting regulatory requirements, and as an initial step in site remediation. This Phase I ESA, however, was not completed for the purposes of meeting the Records of Site Condition requirements described in Ontario Regulation 153/04, as amended.

Because a Phase I ESA does not include such tasks as sample gathering, laboratory testing, or intrusive investigations, a Phase I ESA report can, in most cases, only describe the potential of contamination being present or absent at a property. If there are previous soil or groundwater sample results available, the data can be compared to applicable Federal and/or Provincial numerical standards for soil and groundwater quality for specific land and groundwater uses. A Phase I ESA is intended to reduce, but not necessarily eliminate, uncertainty regarding the potential for contamination of a property.

2.0 RECORDS REVIEW

2.1 GENERAL

2.1.1 References

Information sources obtained and reviewed as part of the records review are listed below:

Table 1: References

Reference Type/Source	Information/Documents Obtained
Aerial Photographs	• geoOttawa: 1965, 1976, 1991, 1999, 2002, 2005, 2008, 2011, 2014, 2015, 2017, and 2019 • ERIS – Historical Aerials: 1945, 1953, 1965
City Directories	• ERIS Vernon's Ottawa and Area City Directory: 1992, 1996, 1997, 2001, 2002, 2006, 2007, and 2011
Fire Insurance Plans	• None Available
Opta Information Intelligence (insurance inspection reports)	• None Available
Previous Reports	• None Provided
Company Records	• None Provided
Geotechnical Reports	• None Provided
Regulatory Infractions	• ERIS – Compliance and Convictions (1989 to January 2022)
Reportable Spill Occurrences	• ERIS – Ontario Spills (1988 to September 2020 and December 2020 to March 2021) • ERIS – Fuel Oil Spills and Leaks (published Feb 28, 2022) • ERIS – Pipeline Incidents (published Feb 28, 2021)
Contaminated Sites	• ERIS – Record of Site Condition (1997 to September 2001 and October 2004 to March 2022) • ERIS Inventory of Coal Gasification Plants and Coal Tar Sites (published April 1987, amended November 1988)
Hazardous Waste Generators and Receivers	• ERIS – Ontario Regulation 347 Waste Generators Summary (1986 to November 30, 2021) • ERIS – Ontario Regulation 347 Waste Receivers Summary (1986 to 1990 and 1992 to 2019)
Landfills	• ERIS – Waste Disposal Sites – MOE 1991 Historical Approval Inventory (up to October 1990) • ERIS – Waste Disposal Sites – MOE CA Inventory (October 2011 to March 31, 2022) • ERIS – Anderson's Waste Disposal Sites (1860s to Present) • "Old Landfill Management Strategy, Phase 1 – Identification of Sites, City of Ottawa, Ontario", dated October 2004, prepared for the City of Ottawa, by Golder Associates Ltd.
Water Well Records	• ERIS – Water Well Information System (published September 30, 2021)

Reference Type/Source	Information/Documents Obtained
EcoLog ERIS	• ERIS Report (250 m radius from the perimeter of Site)
Topographic Maps	• Ontario Ministry of Natural Resources and Forestry (MNRF) Make a Topographic Map online mapping tool, http://www.gisapplication.lrc.gov.on.ca/matm/Index.html?site=Make_A_Topographic_Map&viewer=MATM&locale=en-US Accessed April 27, 2022
Geologic Maps	• Quaternary Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2556, 1991 • Ontario Geological Survey 1991. Bedrock Geology of Ontario, southern sheet; Ontario Geological Survey, Map 2544, Scale 1:1,000,000
Survey Plans	• One set of site and floor plans provided by Walk of Grace Residential Services
Other Available Information	• Ontario Ministry of Natural Resources and Forestry (MNRF) Natural Heritage Areas online mapping tool, http://www.gisapplication.lrc.gov.on.ca/mamnh/Index.html?site=MNR_NHLUPS_NaturalHeritage&viewer=NaturalHeritage&locale=en-US Accessed April 27, 2022

No other references of environmental significance were obtained during the records review.

2.1.2 Historical Land Use

Based on aerial photographs and listing in the ERIS report, the Site and surrounding property appear to have been light agriculture and farmland with some residential properties until 1953. Based on the 1976 aerial photograph, the properties surrounding the Site have been developed for residential and commercial purposes. Based on the 1991 aerial photograph, one building and paved parking area is visible at the Site; the building configuration is consistent with the present-day building. A city directories search indicated the Site was occupied by Caisses Populaires de L'Ontario Region of d'Ottawa (2006 and 2007).

The neighbouring properties in the area were dominantly agricultural and residential, and have changed significantly to being residential properties comprised of detached and single, or two-storey homes with some light industrial and light commercial operations since 1976. In 2005 a golf course and mini-putt golf course were constructed directly south of the Site, between Navan Road and the Mer Bleue Wetland.

Notable historic neighbouring properties and potentially contaminating activities include a gasoline service station turned automobile garage located at 3747 Navan Road, and a recorded fuel spill located at the intersection of Mer Bleue Road and Navan Road which occurred in 1994. The former gasoline service station and current automobile garage are not considered to present an environmental concern to the Site based on the inferred groundwater flow direction; the former spill is not considered to present an environmental concern to the Site based on the age of the spill and the inferred groundwater flow direction.

2.1.3 Chain of Title

A title search was acquired from ERIS for the Site, legally described as Part of Lot 1, Concession 4 of Gloucester Part 2, 5R2242 except Part 1, Plan 5R-2803, Township of Gloucester.

The title search was acquired from ERIS for the time period from 1965 to 2022, with the last transaction recorded in April 2022. According to information provided in the land registry title search, the Site was crown land up until 1976. The township of Gloucester, and two financial services (Caisse Populaire de Cyrville Limitee and Caisse Desjardins Ontario Credit Union Inc.) were listed as owners of the Site from 1976 to 2022, when it was acquired by P.E.N. Holdings Corp (the current Site owner).

The title search, provided in **Appendix D**, did not include information that would suggest activities or operations contributing to an APEC at the Site.

2.1.4 City Directories

ERIS searched Vernon's Ottawa and Area City Directory for the Site and select surrounding property addresses for various years between 1992 and 2011, as detailed in **Table 1**.

- The Site was listed as Caisses Populaires de L'Ontario Région d'Ottawa in 2006 and 2007. No further records were available for review.

The city directory search results provided by ERIS are included in **Appendix D**.

2.1.5 Fire Insurance Plans

A request was submitted to Opta Information Intelligence (Opta) through ERIS for fire insurance plans (FIPs) and insurance inspection reports related to the Site. Opta indicated that no FIPs were available for the Site or surrounding properties.

2.1.6 Aerial Photographs

Satellite images taken in 1965, 1976, 1991, 1999, 2002, 2005, 2008, 2011, 2014, 2015, 2017, and 2019 were reviewed on the geoOttawa website. Aerial images were also purchased from ERIS for the years 1945, 1953, and 1965. The aerial imagery was utilized to determine the historical activities at the Site and nearby lands. A general summary of significant features shown in each aerial image of the Site is provided below.

Table 2: Aerial Imagery Summary

Year	Summary
1945	• The Site is undeveloped, and the surrounding properties appear to be used for residential and/or agricultural purposes. • Navan Road and Mer Bleue Road are visible.
1953	• No significant changes were identified.
1965	• No significant changes were observed associated with the Site. Additional development of the surrounding area is visible.
1976	• No signification changes were observed associated with the Site. Additional development of the surrounding area is visible including a recreation centre with a baseball diamond northwest of the Site and potential commercial properties can now be seen southeast of the intersection of Navan Road and Mer Bleue Road.
1991	• One building, a paved parking area and a landscaped area is visible at the Site. The building configuration is consistent with the present-day building.
1999	• No significant changes to the Site were noted in the 1999 aerial photograph.
2002	• No significant changes to the Site or surrounding properties were noted in the 2002 aerial photograph.
2005	• No significant changes to the Site were noted in the 2005 aerial photograph. The Mer Bleue Golf course appears to be under construction south of the Site including a mini-putt golf course.
2007	• No significant changes to the Site were noted in the 2007 aerial photograph, and the construction of the golf course and mini-putt golf course appear to be complete.
2008 to 2019	• No significant changes to the Site or surrounding properties were noted in the 2008, 2011, 2014, 2015, 2017, or 2019 aerial photographs.

2.2 ENVIRONMENTAL SOURCE INFORMATION

Available environmental databases and records were searched to determine if the Site and/or nearby lands were listed. The databases and search results are presented in the following subsections.

2.2.1 Ontario Ministry of the Environment, Conservation and Parks

A request submitted to the MECP Freedom of Information and Protection of Privacy Office included a search for occurrence reports and general information from the District Office, investigation documents from the Investigations and Enforcement Branch, waste generator information from the Environmental Monitoring and Reporting Branch, and orders from the Sector Compliance Branch pertaining to the Site.

A reply from the MECP had not been received at the time of the issuance of this report. Should the conclusion and/or recommendations change based on the information received, Stantec will provide a summary of our findings. A copy of the request is provided in **Appendix D**.

2.2.2 Technical Standards and Safety Authority

A request was submitted to the TSSA including a search for current and former fuel storage tanks pertaining to the Site. The TSSA indicated that there were no available records.

2.2.3 National Pollutant Release Inventory

Included in the ERIS report was a search of the *National Pollutant Release Inventory* (NPRI) database for the Site and properties located within a 250 m radius of the perimeter of the Site. Neither the Site, nor any of the surrounding properties were listed in the NPRI database

2.2.4 PCB Storage Sites and Inventory Databases

Included in the ERIS report was a search of the *National PCB Inventory* (NPCB) and the *Ontario Inventory of PCB Storage Sites* (OPCB) databases for the Site and properties within a 250 m radius of the perimeter of the Site. Neither the Site, nor any of the surrounding properties were listed in the NPCB or OPCB databases.

2.2.5 Certificate of Approval / Environmental Compliance Approval

Included in the ERIS report was a search of the *Certificates of Approval* and *Environmental Compliance Approval* databases for the Site and properties within a 250 m radius of the perimeter of the Site.

One Certificate of Approval (CA) and one Environmental Compliance Approval (ECA) were listed for the properties within 250 m of the Site. The ECA and CA records were listed for M.Levesque and Son Cartage Ltd. (3718 Navan Road) for waste management systems for non-hazardous waste.

Based on the distance from the Site (150 m southeast of the Site) and its orientation downgradient from the Site, this property is not anticipated to pose an environmental concern for the Site.

2.2.6 Coal Gasification Plant Waste Sites

Included in the ERIS report was a search of the *Inventory of Coal Gasification Plants and Coal Tar Sites* (COAL) published in April 1987 and amended in November 1988. The documents include an inventory of known coal gasification plants historically operating in Ontario.

No properties within 250 m of the Site were listed as former coal gasification plants.

2.2.7 Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars

Included in the ERIS report was a search of the *Inventory of Coal Gasification Plants and Coal Tar Sites* (COAL) published in April 1987 and amended in November 1988. The documents identify industrial sites that produced and/or continue to produce or use coal tar and other related tars.

No properties within 250 m of the Site were listed as industrial sites producing or using coal tar.

2.2.8 Hazardous Waste Generators and Receivers

Included in the ERIS report was a search of the *Ontario Regulation 347 Waste Generators* (GEN) and the *Ontario Regulation 347 Waste Receivers* (REC) databases for the Site and properties within a 250 m radius of the perimeter of the Site. 12 waste generator listings associated with two companies located at 2916 Mer Bleue Road were identified These listings include:

- **Worry Free Snowblowing Inc. –** Registered between 2009 to 2021 for the generation of aliphatic solvent, petroleum distillates, waste oils & lubricants, and waste crankcase oils.
- **J.L. Maintenance Services –** Registered between 1997 to 2006 for the generation of aliphatic solvents, petroleum distillates, waste oils & lubricants, pharmaceuticals, and pathological wastes.

Based on the distance from the Site, and inferred direction of groundwater flow, the above-mentioned waste generators are not anticipated to pose an environmental concern to the Site.

2.2.9 Environmental Registry

Included in the ERIS report was a search of the *Environmental Registry* (EBR) database for the Site and properties within a 250 m radius of the perimeter of the Site. Neither the Site, nor any of the surrounding properties were listed in the *Environmental Registry* database.

2.2.10 Records of Site Condition

Included in the ERIS report was a search of the *Record of Site Condition* database (last updated in November 2019) for the Site and properties within a 250 m radius of the perimeter of the Site. Neither the Site, nor the surrounding properties were listed in the *Record of Site Condition* database.

2.2.11 Areas of Natural and Scientific Interest

Stantec reviewed the MNRF Natural Heritage Areas online mapping to search for Area of Natural and Scientific Interest (ANSI) within 2 km of the Site. The Mer Bleue wetland was identified approximately 650 m south of the Site and was listed as a Provincially Significant Life Science area.

2.2.12 Waste Disposal Sites

Included in the ERIS reports was a search of the *Waste Disposal Sites – MOE CA Inventory* (WDS) database, the *Waste Disposal Sites – MOE 1991 Historical Approval Inventory* (WDSH) database, the *Landfill Inventory Management Ontario* (LIMO) database, and the *Anderson's Waste Disposal Site* (ANDR) database. Additionally, Stantec reviewed the City of Ottawa Old Landfill Management Strategy (OLMS) report (Golder, 2004). No waste disposal sites were identified within a 250 m radius of the perimeter of the Site.

2.2.13 ERIS Report

An ERIS report was purchased and consisted of a search of available databases (including unplottable records) for the Site and properties within a 250 m radius of the perimeter of the Site (see **Appendix D**). Records of environmental significance, which were not discussed elsewhere in this report, are summarized in the table below:

Table 3: ERIS Report Findings

Location	Summary
Intersection of Mer Bleue Road and Navan Road	• On January 21, 1994, there was an unknown quantity of diesel spilled to the roadway. Based on the location of the spill (i.e., downgradient from the Site) and the age of the spill, this spill is not considered to represent a potential environmental concern to the Site.
3714 Navan Road	• In 1994, Total Petroleum was listed in the Private and Retail Fuel Storage Tanks (PRT) database for an 8,000 L fuel underground tank. • From 1977 to 2009, Ali Zayoun was listed six times in the Delisted Fuel Tank (DTNK) database; however, no quantities or fuel types were documented. • In 1977, Ali Zayoun was listed twice in the Fuel Storage Tank (FST) database for a 23,424 L single wall gasoline underground storage tank (UST) and a 13,600 L single was gasoline UST. Based on the proximity from the Site (30 m south, of the Site), and its orientation downgradient from the Site, the activities at this property are not considered to represent a potential environmental concern for the Site.
2650 Denise Street	• On January 25, 1994, there was a 2 L spill of furnace oil to surface due to an ESSO home delivery operator dropping a fuel nozzle. Based on the volume of the spill and the distance from the Site (240 m northeast of the Site), the spill is not considered to represent a potential environmental concern for the Site.
2916 Mer Bleue Road	• Ta Brule Co. Ltd. was listed in the PRT database for a 9,092 L fuel tank; no data or other information was provided in the ERIS report. • Ta Brule Co. Ltd. was listed in the DTNK database five times for liquid fuel USTs. No quantities or any other information was provided in the ERIS report. Based on the distance from the Site (250 m southeast of the Site), the activities at this property are not considered to represent a potential environmental concern for the Site.
Unplottable Land	• Six CA and three ECA listings were noted in the unplottable land summary • Two spills were reported on unplottable land. Based on descriptions provided, the spills could not be located, and the ECAs and CAs are related to municipal sewage and water services. These ERIS listings are not anticipated to pose an environmental concern for the Site.

The remaining listings in the ERIS report are not expected to contribute to a APECs at the Site based on the nature of their operations and/or the separation distances.

2.3 PREVIOUS REPORTS

No previous environmental reports were provided to Stantec for review.

2.4 PHYSICAL SETTING SOURCES

2.4.1 Topography and Hydrogeology

Based on topographic mapping from the MNRF, and the observed topography in the vicinity of the Site, the regional surface drainage (inferred regional groundwater flow direction) appears to be to the south. The closest water body is the Mer Bleue wetland which is approximately 650 m south of the Site.

The elevation across the Site is relatively flat; however, south of the Site drops rapidly from approximately 85 metres above sea level (m ASL) to 70 m ASL at the Mer Bleue wetland. The general elevation appears to decrease from the northeast towards the southwest.

It should be noted the elevation of the local groundwater table generally mimics the local topography and may not reflect the regional trend in drainage. The local shallow groundwater flow pattern can also be influenced by nearby subsurface structures, such as building foundations, weeping tiles, and utility trenches.

2.4.2 Surface Water Drainage

The Site is comprised of a grassed landscaped area, and a paved parking area. Stormwater is anticipated to drain by infiltration or by overland flow towards depressed areas and storm sewer infrastructure. A stormwater catch basin is present on the Site in the parking lot and stormwater catch basins are present along the residential streets.

Drainage ditches are present along the eastern and southern Site boundaries.

2.4.3 Surficial Geology

Based on information obtained from Ontario Geological Survey Map 2556, titled *Quaternary Geology of Ontario, Southern Sheet,* native surficial soils near the Site reportedly consist of Pleistocene glaciomarine and marine deposits, predominantly sand, gravelly sand, and gravel nearshore and beach deposits.

Four boreholes and 12 water well installation records were identified by ERIS within 250 m of the Site. Subsurface conditions encountered reportedly consisted of shale, slate, gravel and blue, red, and grey clay from surface to approximately 33 m below ground surface (m BGS).

2.4.4 Bedrock Geology

Based on information obtained from MNR Ontario Geological Survey Map 2544, titled *Bedrock Geology of Ontario, Southern Sheet,* bedrock in the area of the Site is reported to consist of Upper Ordovician shale, limestone, dolostone and siltstone of the Georgian Bay, Blue Mountain, and Billings formations and the Collingwood and Eastview members. The depth to bedrock was not indicated on the MNR map.

Four boreholes and 12 water well installation records were identified by ERIS within 250 m of the Site. Bedrock conditions encountered reportedly consisted of weathered limestone from approximately 30 m BGS to a maximum investigation depth of 36 m BGS.

2.4.5 Surface Features

The Site is occupied by one building, a paved parking lot and a grassed landscaped area south of the site building. A drainage ditch separating the property from the nearby roadways was observed along the eastern and southern Site boundaries. No natural waterbodies, pits, or lagoons, were identified at the Site during the site visit. At the time of the Site visit, standing water was observed within the drainage ditch.

3.0 INTERVIEWS

Stantec was accompanied by Mr. Elias Houkayem during the site visit. Mr. Houkayem has been associated with the Site since April 2022. An interview was conducted at the time of the site visit as well as through an email request. The information gathered through the site visit and interview have been incorporated into this report as appropriate.

4.0 SITE VISIT

4.1 SITE

4.1.1 Field Work and Property Details

The site visit was conducted by Romeet Gonsalves, B.Sc., G.I.T., and Joshua Fisher-Robertson, B.Sc., of Stantec on May 5, 2022. The Site and readily visible and publicly accessible portions of adjoining and neighbouring properties were observed for the presence of potential sources of environmental contamination.

The Site consists of one single-storey building with a basement, a paved parking lot and a grassed landscaped area to the south of the building. According to the site contact, the septic holding tank or septic field is located on the southern portion of the Site.

4.1.2 Buildings & Structures

One building is present on the Site, which was constructed in 1972 and used as a financial institution. The property was sold in April 2022 to Walk of Grace Residential Services and has mostly only been used as office space by administrative staff while the building is undergoing renovations to become a long-term health facility.

4.1.3 Existing Storage Tanks

No chemical or fuel aboveground storage tanks (ASTs) or USTs were identified or reported to be present at the Site. No vent or fill pipes indicating the potential presence of an abandoned or decommissioned UST were observed.

4.1.4 Former Storage Tanks

No evidence of former USTs was observed on Site during the site visit or through the historical record review. No vent or fill pipes indicating the potential presence of an abandoned or decommissioned UST were observed at the Site.

4.1.5 Other Storage Containers

No other chemical storage was observed in the accessible areas of the Site. Household cleaners such as dish soap and laundry detergent were observed, as well as packages of de-icing salt. Based on the limited quantities of these products, these are not considered to represent a potential environmental concern on the Site.

4.1.6 Solid and Liquid Wastes

4.1.6.1 Solid Wastes

Domestic waste including recycling and garbage was observed in the parking lot area of the Site during the site visit. Garbage and recycling were contained within the appropriate bins and appeared to be properly maintained.

4.1.6.2 Liquid Wastes

No liquid waste was observed at the Site during the site visit; however, stormwater discharge was observed coming from a culvert in the field south of the building on the Site. It is anticipated that the stormwater was runoff and drainage originated from nearby. No sheen or odour was observed in the stormwater discharge. The observed stormwater is not anticipated to pose an environmental concern to the Site.

4.1.7 Drains, Sumps, Septic Systems and Oil/Water Separators

No floor drains were observed in the building; however, one storm drain was noted in the parking lot. A sump was located in the basement of the building; however, the property owner was not aware where the sump drained. Reportedly, the Site has a septic system and possible holding tank located within the southern landscaped area.

4.1.8 Air Discharges and Odours

No sources of air emissions that would be expected to result in contamination at the Site were identified. Further, no strong, pungent, or unusual odours were identified during the site visit.

4.1.9 Underground Utilities and Services

According to the site contact, potable water is provided by the City of Ottawa and the Site is serviced by natural gas and overhead power lines. Underground services including gas lines can be inferred in the area due to gas meters outside the residential and commercial properties in the area. Storm sewer lines and water mains can also be inferred due to as manholes and catchbasins observed around the Site and as indicated on GeoOttawa. Overhead hydro/telephone lines were observed across the Site as well. Sanitary sewer lines are not anticipated to be present as there is a lack of observed sanitary infrastructure on GeoOttawa, and the Site property is on a septic system.

4.1.10 Wells

No wells were identified on the Site at the time of the Site visit. The ERIS report identified one water well record for the Site, which was not observed during the Site visit.

Following the site visit, the Mr. Houkayem provided a photo of an abandoned well southeast of the site building. The uses for the well are unknown but it is anticipated the well was used for domestic water supply prior to the area being serviced by the City of Ottawa, or for agricultural or farmland purposes prior to 1970 when no properties were on the Site and it appear to be vacant or used as farmland.

4.1.11 Surface Features

No natural waterbodies, pits, or lagoons, were identified at the Site during the site visit. Stormwater drainage ditches were observed on the eastern and southern Site boundaries.

4.1.12 Current or Former Railway Lines or Spurs

No current or former railway lines or spurs were identified within 250 m of the Site.

4.1.13 Hydraulic Equipment

No hydraulic equipment was observed on the Site.

4.1.14 Surface Staining and Stressed Vegetation

No stained surficial materials or stressed vegetation was observed on the Site.

4.1.15 Imported Fill and Debris

No evidence of imported fill or debris was observed at the Site during the site visit.

4.2 NEARBY LANDS

4.2.1 North

Various residential and commercial properties were observed north of the Site.

4.2.2 East

East of the Site (across Mer-Bleue Road) various residential properties and St. Joseph Coptic Othodox Church were observed.

4.2.3 South

South of the Site, across Navan Road), residential dwellings, the Mer Bleue golf and mini-putt courses, and various commercial/industrial properties including Worry Free Snowblowing, and Quality Windows & Glass were observed.

Based on the ERIS report, several USTs were identified from 1977 to 2009 at 3714 Navan Road. At the time of the site visit, the property was occupied by an auto mechanic facility (MasterTech Automotive). Based on the inferred groundwater flow direction, the property located at 3714 Navan Road is considered to be down-gradient from the Site, and as such, is not considered represent a potential environmental concern to the Site. These records are discussed further in **Table 3**.

4.2.4 West

West of the Site various residential dwellings and commercial properties were observed.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The Phase I ESA has revealed no evidence of potential and/or actual environmental contamination at the Site.

Stantec does not recommend a subsurface investigation be completed at the Site to assess the environmental quality of the soil and/or groundwater at the above-mentioned APECs. A reply from the MECP had not been received at the time of the issuance of this report. Should the conclusion and/or recommendations change based on the information received, Stantec will provide a summary of our findings.

6.0 CLOSURE

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided. No other representations, warranties or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential liabilities associated with the identified property.

This report provides an evaluation of selected environmental conditions associated with the identified portion of the property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

The opinions in this report can only be relied upon as they relate to the condition of the portion of the identified property that was assessed at the time the work was conducted. Activities at the property subsequent to Stantec's assessment may have significantly altered the property's condition. Stantec cannot comment on other areas of the property that were not assessed.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report, and are based solely on the scope of work described in the report, the limited data available and the results of the work. They are not a certification of the property's environmental condition. This report should not be construed as legal advice.

This report has been prepared for the exclusive use of the client identified herein and any use by any third party is prohibited. Stantec assumes no responsibility for losses, damages, liabilities or claims, howsoever arising, from third party use of this report.

This report is limited by the following:

- A response from the MECP had not been received at the time of issuing this report.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures are not guaranteed. If future work is planned, the exact location of all such utilities and structures should be confirmed and Stantec assumes no liability for damage to them.

Closure
June 20, 2022

The conclusions are based on the site conditions encountered by Stantec at the time the work was performed at the specific testing and/or sampling locations, and conditions may vary among sampling locations. Factors such as areas of potential concern identified in previous studies, site conditions (e.g., utilities) and cost may have constrained the sampling locations used in this assessment. In addition, analysis has been carried out for only a limited number of chemical parameters, and it should not be inferred that other chemical species are not present. Due to the nature of the investigation and the limited data available, Stantec does not warrant against undiscovered environmental liabilities nor that the sampling results are indicative of the condition of the entire site. As the purpose of this report is to identify site conditions which may pose an environmental risk, the identification of non-environmental risks to structures or people on the site is beyond the scope of this assessment.

Should additional information become available which differs significantly from our understanding of conditions presented in this report, Stantec specifically disclaims any responsibility to update the conclusions in this report.

The site reconnaissance and preparation of this report was completed by Mr. Romeet Gonsalves, B.Sc., G.I.T., while senior technical review was conducted by Ms. Jill Peters-Dechman, B.Eng., P.Eng.

Regards,

STANTEC CONSULTING LTD.

Gonsalves, Romeet

Digitally signed by Gonsalves, Romeet
Date: 2022.06.20 11:31:02 -04'00'

Digitally signed by Peters-Dechman, Jill
Date: 2022.06.20 12:33:35 -04'00'

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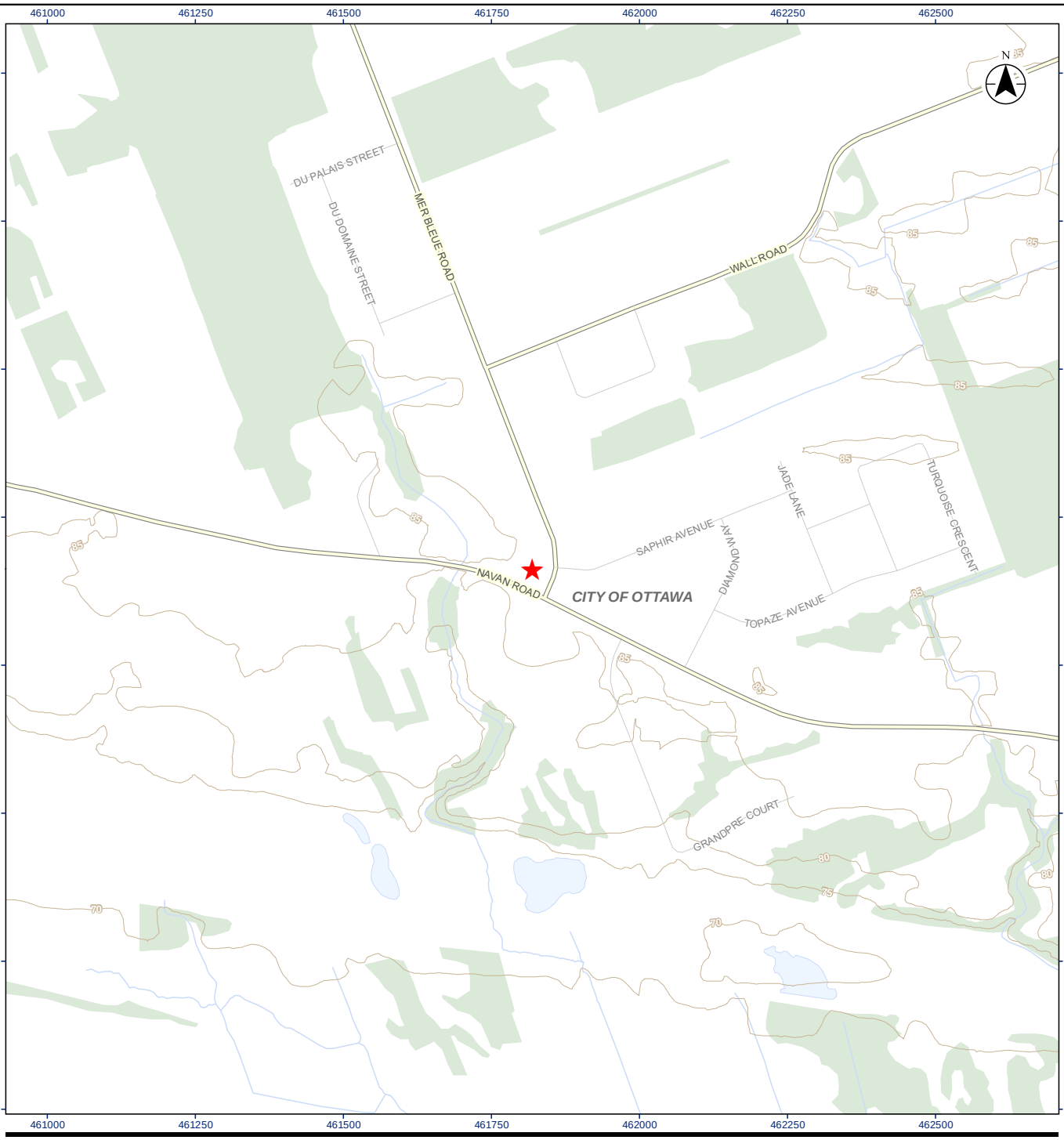
RG/JPD/jt

Distribution: (1) Addressee

APPENDICES

Appendix A FIGURES



Notes

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2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2020.
3. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.
4. m AMSL - metres above mean sea level.

Legend

- Site Location
- Major Road
- Minor Road
- Topographic Contour (m AMSL)
- Watercourse
- Waterbody
- Wooded Area

0 200 400 metres

1:10,000 (at original document size of 8.5x11)

Stantec

Project Location
Navan, Ontario

122170502
Prepared by IP on 6/20/2022

Client/Project
WALK OF GRACE RESIDENTIAL SERVICES
PHASE I ENVIRONMENTAL SITE ASSESSMENT
3713 NAVAN ROAD, NAVAN, ONTARIO

Figure No.
1

Title
Site Location

Stantec

Legend

- Approximate Site Boundary
- Watercourse
- Inferred Direction of Groundwater Flow

0 100 200 metres

1:3,500 (At original document size of 11x17)

Notes

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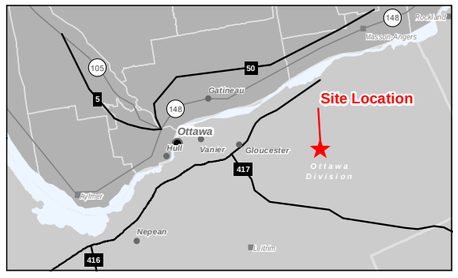
3. Orthoimagery © First Base Solutions, 2020. Imagery Date, 2019.
4. Site features are based on field observations and should be considered approximate.
5. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.



Project Location: Navan, Ontario

Project: 122170502

Prepared by IP on 6/20/2022

Client/Project

WALK OF GRACE RESIDENTIAL SERVICES
PHASE I ENVIRONMENTAL SITE ASSESSMENT
3713 NAVAN ROAD, NAVAN, ONTARIO

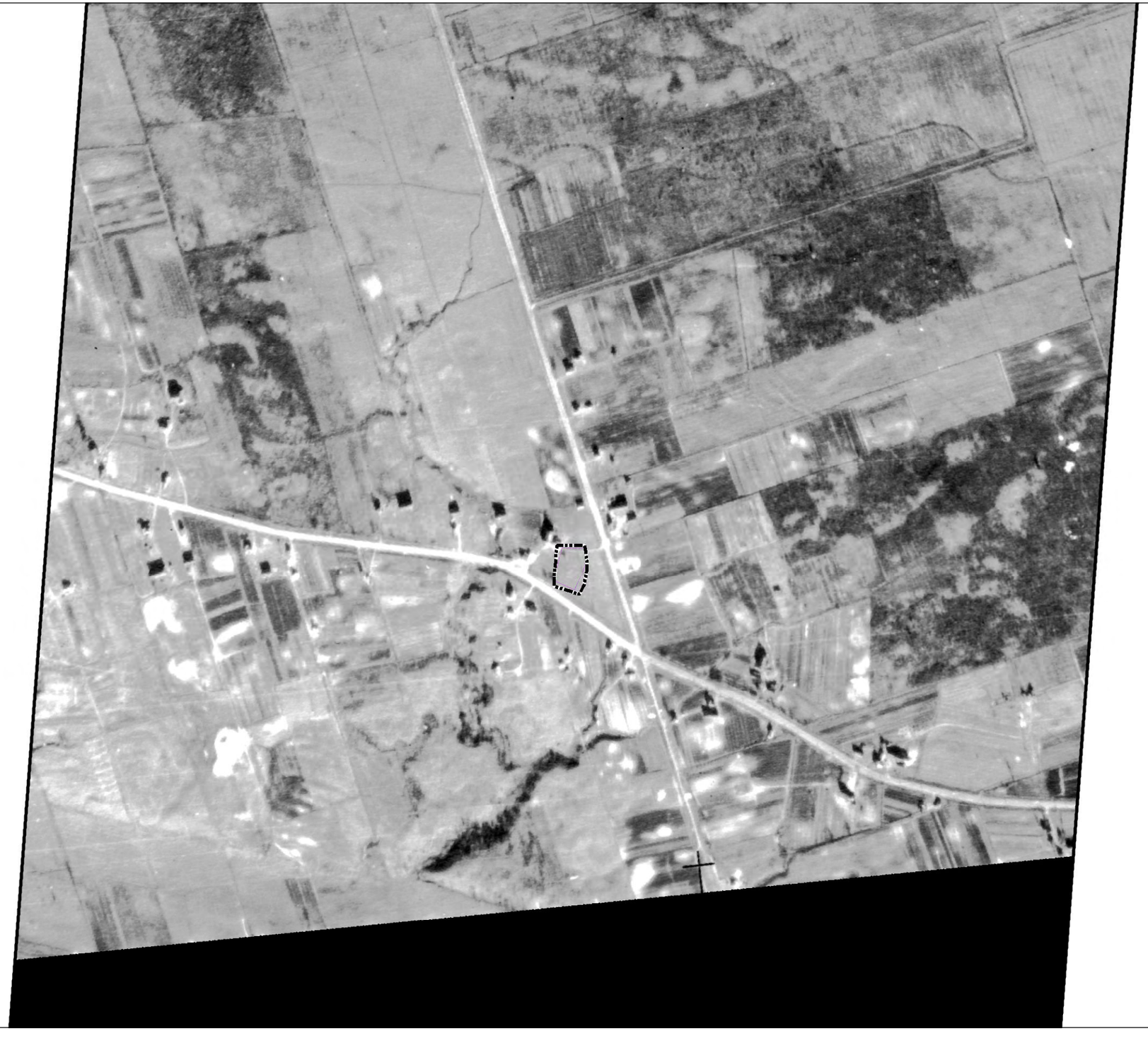
Figure No.

2

Title

Site Plan

\\cd1224-f02\work_group\00122\active\122170502\gis_cad\gis\mxds\Remediation\report_figures\PhaseI\SA122170502_rpt_ph1esa_fig02_siteplan_rfr.mxd Revised 2022-06-20 By svandamme



N

Stantec

Legend

Approximate Site Boundary

NOT TO SCALE

Notes

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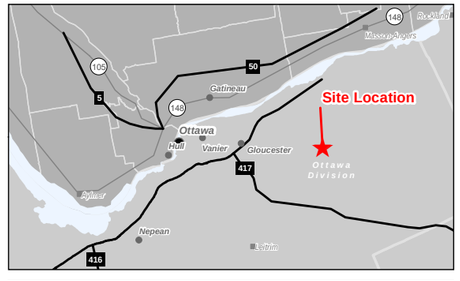
4. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.
5. Imagery source: NAPL



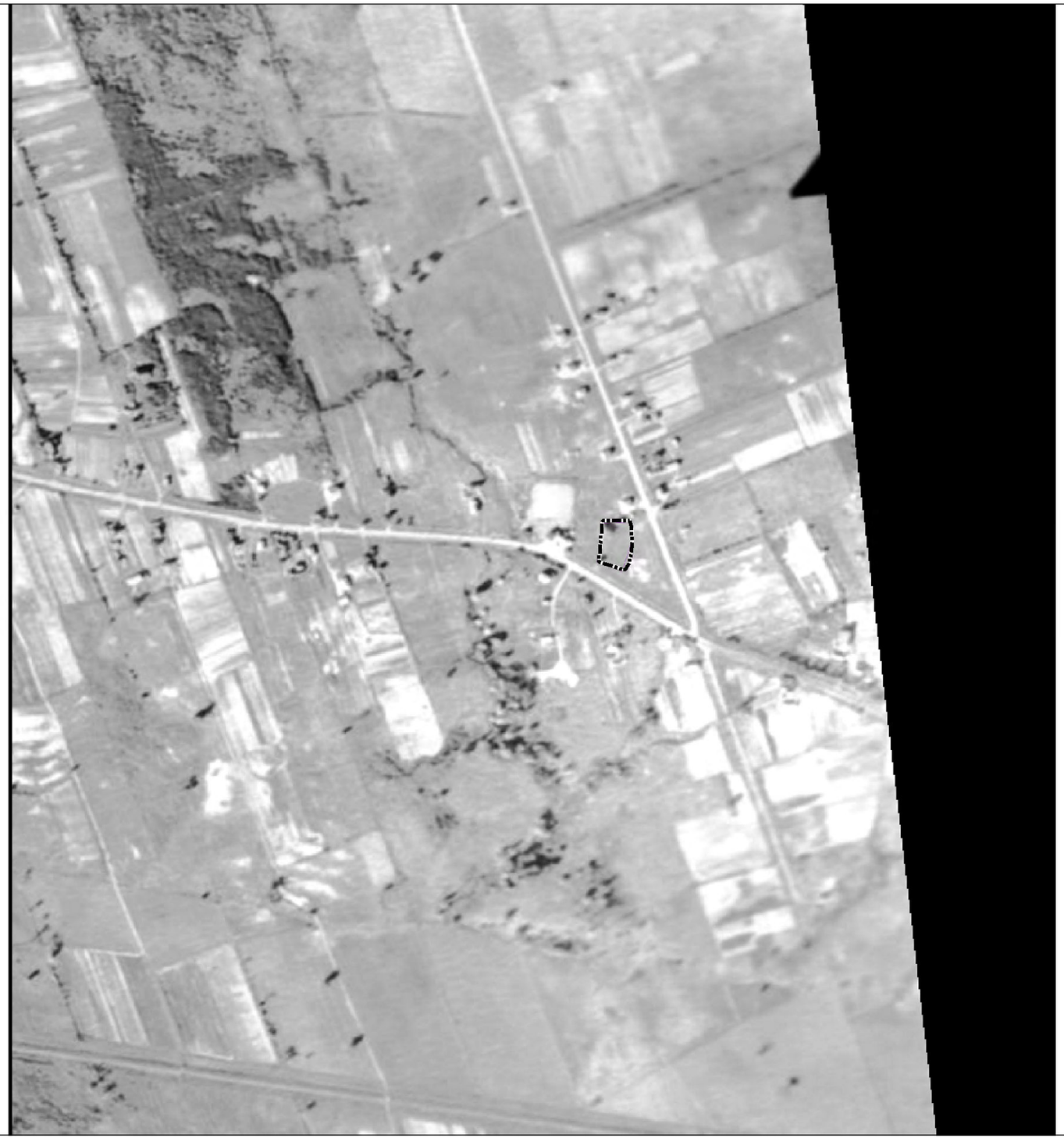
Project Location
Navan, Ontario

122170502
Prepared by IP on 5/16/2022

Client/Project
WALK OF GRACE RESIDENTIAL SERVICES
PHASE I ENVIRONMENTAL SITE ASSESSMENT
3713 NAVAN ROAD, NAVAN, ONTARIO

Figure No.
3

Title
Historical Aerial Imagery - 1945



N

Legend

Approximate Site Boundary

NOT TO SCALE

Notes

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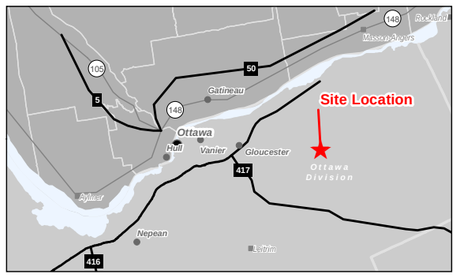
5. Imagery source: NAPL



Project Location
Navan, Ontario

122170502

Prepared by IP on 5/16/2022

Client/Project
WALK OF GRACE RESIDENTIAL SERVICES
PHASE I ENVIRONMENTAL SITE ASSESSMENT
3713 NAVAN ROAD, NAVAN, ONTARIO

Figure No.
4

Title
Historical Aerial Imagery - 1953

Stantec

Legend

Approximate Site Boundary

NOT TO SCALE

Notes

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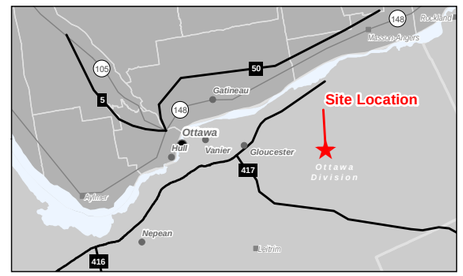
3. Site features are based on field observations and should be considered approximate.
4. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.
5. Imagery source: City of Ottawa



Project Location
Navan, Ontario

122170502
Prepared by IP on 5/16/2022

Client/Project
WALK OF GRACE RESIDENTIAL SERVICES
PHASE I ENVIRONMENTAL SITE ASSESSMENT
3713 NAVAN ROAD, NAVAN, ONTARIO

Figure No.
5

Title
Historical Aerial Imagery - 1965

Appendix B SITE VISIT PHOTOGRAPHS

Photo 001 **View of kitchenette including electric range, kitchen sink and other small appliances on the main floor in the building on the Site (facing west).**

Photo 002 **View of road salt stored in basement of the building on Site (facing west).**

Photo 003 **View of HVAC system in the basement of the building on the Site (facing north).**

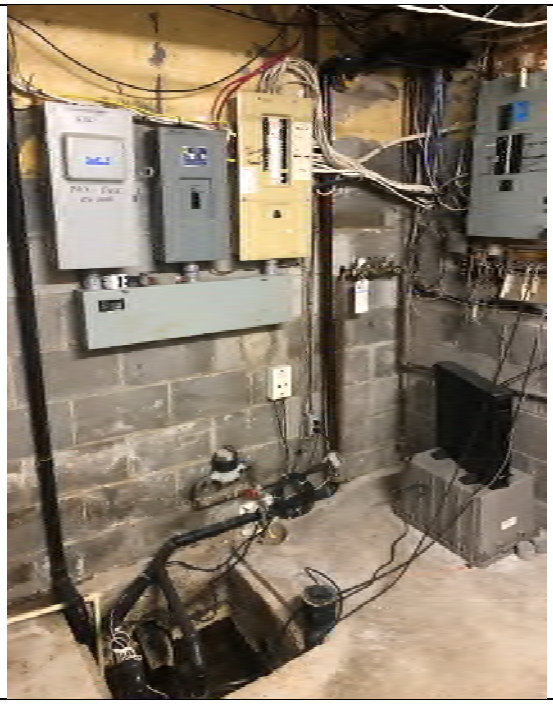


Photo 004 **View of sump in the basement of the building on the Site (facing southwest).**

Photo 005 **View of hot water tank in the basement of the building on the Site (facing southeast).**

Photo 006 **View storm drain in the parking lot on the Site.**

Photo 007 **View of the storm ditch along the eastern portion of the Site separating the Site from Mer Bleue Road (facing north).**

Photo 008 **View of a transformer on the Site, with the intersection of Navan Road and Mer Bleue Road in the background (facing southeast).**

Photo 009 **View of HVAC system vent pipes associated with the site building, on the southern exterior building wall .**

Photo 010 **View of ditch along the southern Site boundary including a culvert under Navan Road (facing east).**

Photo 011 **View of pole-mounted transformer and grassy area on the southern portion of the Site where reportedly the septic field or septic holding tank is anticipated to be located (facing west).**

Photo 012 **View of the air conditioning unit for the site building, located on the northern exterior building wall (facing south).**

Photo 013 **View of MasterTech automotive services located at 3714 Navan Road, south of the Site across Navan Road (facing south).**

Photo 014 **View of the Mer Bleue driving range, 9-hole golf course, and mini-putt golf course located at 3708 Navan Road south of the Site, across Navan Road (facing south).**

Appendix C PROJECT TEAM MEMBERS

Joshua Fisher-Robertson, B.Sc.
Junior Environmental Site Assessor

Profile

Joshua Fisher-Robertson has been working in the environmental assessment field since 2021. Throughout his career, Mr. Fisher-Robertson has conducted Phase I and II Environmental Site Assessments (ESAs) of residential and commercial properties for renewable energy programs, real estate investment trusts, and other clients.

EDUCATION

B.Sc. – University of Guelph, 2019
Guelph, ON
Biological Sciences

COMPENTENCY

Site Visit

Report Writer

Romeet Gonsalves, B.Sc., G.I.T.

Junior Environmental Site Assessor

Profile

Romeet Gonsalves has been working in the environmental assessment field since 2019. Throughout his career, Mr. Gonsalves has conducted Phase I and II Environmental Site Assessments (ESAs) of residential and commercial properties for oil and gas distribution clients, federal government land development, property developers, real estate investment trust, and other clients.

EDUCATION

B.Sc. – University of Calgary, 2017
Calgary, AB
Geology and Geophysics

COMPENTENCY

Site Visit

Report Writer

Jill Peters Dechman, B.Eng., P.Eng.
Principal

Profile

Ms. Peters Dechman is a Senior Environmental Engineer and Project Manager at Stantec Consulting Ltd. Ms. Peters Dechman has more than 20 years of environmental engineering consulting experience. She is responsible for the management, completion, and senior technical review of Phase I, Phase II, and Phase III Environmental Site Assessments (ESAs). Ms. Peters Dechman has completed and managed hundreds of Phase I, II and III ESAs for a variety of types of properties (i.e., residential, commercial, institutional, and industrial properties) for a variety of proponents (i.e., financial institutions, property developers, insurance firms, real estate investments trusts, municipal/provincial/federal government agencies, and others). Ms. Peters Dechman is a licensed Professional Engineer in the Provinces of Ontario and Manitoba and a Qualified Person under the Ministry of the Environment, Conservation and Parks Site Registry.

EDUCATION

B.Eng. – Carleton University, 2000
Ottawa, ON
Environmental Engineering

COMPETENCY

Site Visit

Report Writer

Senior Reviewer

Appendix D SUPPORTING DOCUMENTATION

DATABASE REPORT

Project Property:	*3713 Navan Road* *3713 Navan Road* *Navan ON K4B 1H9*
Project No:	*122170502.200*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*22033100053*
Requested by:	*Stantec Consulting Ltd.*
Date Completed:	*April 26, 2022*

Environmental Risk Information Services
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Executive Summary

Property Information:

Project Property:	*3713 Navan Road* *3713 Navan Road Navan ON K4B 1H9*
Project No:	*122170502.200*

Order Information:

Order No:	*22033100053*
Date Requested:	*March 31, 2022*
Requested by:	*Stantec Consulting Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
City Directory Search	*CD - Subject Site plus 10 Adjacent Properties*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Land Title Search	*Current Land Title Search*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	4	4
CA	Certificates of Approval	Y	0	1	1
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	10	10
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	0	0
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	4	4
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	12	12
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
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	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	2	2
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	11	12
	Total:		1	47	48

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 1 con 7 ON ***Well ID:*** 1533039	SSE/0.0	0.00	20

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	BORE		ON	SSE/4.7	0.00	21
3	WWIS		lot 1 con 4 ON ***Well ID:*** 1501507	SSE/4.8	0.00	22
4	SPL	TRANSPORT TRUCK	MER-BLEU & NAVIN ROADS TRANSPORT TRUCK (CARGO) CUMBERLAND TOWNSHIP ON	SSE/26.7	0.00	24
5	WWIS		lot 1 con 4 OTTAWA ON ***Well ID:*** 7044480	S/39.1	0.00	25
6	WWIS		lot 1 con 4 ON ***Well ID:*** 1501505	SE/69.3	0.00	32
7	PRT	TOTAL PETROLEUM	3714 NAVAN RD GLOUCESTER ON	SSE/81.0	0.00	34
7	DTNK	ALI ZAYOUN	3714 NAVAN RD GLOUCESTER ON K4B 1H9	SSE/81.0	0.00	34
7	DTNK	ALI ZAYOUN	3714 NAVAN RD GLOUCESTER ON	SSE/81.0	0.00	35
7	DTNK	ALI ZAYOUN	3714 NAVAN RD GLOUCESTER ON	SSE/81.0	0.00	35
7	DTNK	ALI ZAYOUN	3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA ON	SSE/81.0	0.00	36
7	DTNK	ALI ZAYOUN	3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA ON	SSE/81.0	0.00	37

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
7	FST	ALI ZAYOUN	3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA ON	SSE/81.0	0.00	37
7	FST	ALI ZAYOUN	3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA ON	SSE/81.0	0.00	38
8	WWIS		lot 1 con 4 ON ***Well ID:*** 1501508	W/97.8	-0.95	38
9	BORE		ON	W/97.9	-0.95	41
10	WWIS		3739 NAVAN ROAD lot 6 con 11 CUMBERLAND ON ***Well ID:*** 7267308	ESE/119.4	0.00	42
11	BORE		ON	SSE/152.2	0.00	45
12	WWIS		lot 1 con 4 ON ***Well ID:*** 1510728	SSE/152.3	0.00	46
13	WWIS		lot 1 con 4 ON ***Well ID:*** 1509637	NW/160.7	1.00	49
14	CA	M. Levesque and Son Cartage Ltd.	3718 Navan Rd. Gloucester ON	SSE/160.7	0.00	52
14	ECA	M. Levesque and Son Cartage Ltd.	3718 Navan Rd. Gloucester ON K1C 1J8	SSE/160.7	0.00	52
15	WWIS		lot 1 con 4 ON ***Well ID:*** 1501497	W/194.0	-0.58	52
16	WWIS		lot 7 con 11 ON ***Well ID:*** 1512871	SE/202.6	0.00	55
17	WWIS		lot 7 con 11 ON	SE/219.3	0.00	57

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1512877			
18	BORE		ON	SE/221.8	0.00	60
19	WWIS		lot 1 con 4 ON ***Well ID:*** 1512434	W/222.5	0.00	62
20	SPL	ESSO PETROLEUM CANADA	2650 DENISE STREET NAVAN, ONTARIO TANK TRUCK (CARGO) CUMBERLAND TOWNSHIP ON	N/239.2	1.00	65
21	PRT	TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN ON K4B 1H9	SSE/249.9	0.00	66
21	GEN	J.L. MAINTENANCE SERVICES	2916 MERBLUE ROAD GLOUCESTER ON K4B 1H9	SSE/249.9	0.00	66
21	GEN	J.L. MAINTENANCE SERVICES	2916 Mer Bleue Road Ottawa, Ontario ON	SSE/249.9	0.00	66
21	DTNK	TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN ON	SSE/249.9	0.00	67
21	DTNK	TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN ON	SSE/249.9	0.00	67
21	DTNK	TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN ON	SSE/249.9	0.00	68
21	GEN	J.L. MAINTENANCE SERVICES	2916 Mer Bleue Road Ottawa, Ontario ON	SSE/249.9	0.00	69
21	GEN	Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	SSE/249.9	0.00	69
21	GEN	Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	SSE/249.9	0.00	69
21	GEN	Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON	SSE/249.9	0.00	69

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
21	DTNK	TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN K4B 1H9 ON CA ON	SSE/249.9	0.00	70
21	DTNK	TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN K4B 1H9 ON CA ON	SSE/249.9	0.00	70
21	GEN	Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	SSE/249.9	0.00	71
21	GEN	Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	SSE/249.9	0.00	71
21	GEN	Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	SSE/249.9	0.00	71
21	GEN	Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	SSE/249.9	0.00	72
21	GEN	Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	SSE/249.9	0.00	72
21	FST	TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN K4B 1H9 ON CA ON	SSE/249.9	0.00	72
21	FST	TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN K4B 1H9 ON CA ON	SSE/249.9	0.00	73
21	GEN	Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	SSE/249.9	0.00	73

Executive Summary: Summary By Data Source

BORE - Borehole

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

Site	Address	Distance (m)	Map Key
	ON	4.7	2
	ON	97.9	9
	ON	152.2	11
	ON	221.8	18

CA - Certificates of Approval

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

Site	Address	Distance (m)	Map Key
M. Levesque and Son Cartage Ltd.	3718 Navan Rd. Gloucester ON	160.7	14

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Feb 28, 2022 has found that there are 10 DTNK site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ALI ZAYOUN	3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA ON	81.0	7

Site	Address	Distance (m)	Map Key
ALI ZAYOUN	3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA ON	81.0	7
ALI ZAYOUN	3714 NAVAN RD GLOUCESTER ON	81.0	7
ALI ZAYOUN	3714 NAVAN RD GLOUCESTER ON	81.0	7
ALI ZAYOUN	3714 NAVAN RD GLOUCESTER ON K4B 1H9	81.0	7
TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN ON	249.9	21
TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN ON	249.9	21
TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN K4B 1H9 ON CA ON	249.9	21
TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN K4B 1H9 ON CA ON	249.9	21
TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN ON	249.9	21

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Mar 31, 2022 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
M. Levesque and Son Cartage Ltd.	3718 Navan Rd. Gloucester ON K1C 1J8	160.7	14

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2022 has found that there are 4 FST site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ALI ZAYOUN	3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA ON	81.0	7
ALI ZAYOUN	3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA ON	81.0	7
TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN K4B 1H9 ON CA ON	249.9	21
TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN K4B 1H9 ON CA ON	249.9	21

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Nov 30, 2021 has found that there are 12 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON	249.9	21
Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	249.9	21
Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	249.9	21

Site	Address	Distance (m)	Map Key
Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	249.9	21
J.L. MAINTENANCE SERVICES	2916 MERBLUE ROAD GLOUCESTER ON K4B 1H9	249.9	21
J.L. MAINTENANCE SERVICES	2916 Mer Bleue Road Ottawa, Ontario ON	249.9	21
Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	249.9	21
Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	249.9	21
Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	249.9	21
Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	249.9	21
J.L. MAINTENANCE SERVICES	2916 Mer Bleue Road Ottawa, Ontario ON	249.9	21
Worry Free Snowblowing Inc.	2916 Mer Bleue Rd. Navan ON K4B 1H9	249.9	21

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
TOTAL PETROLEUM	3714 NAVAN RD GLOUCESTER ON	81.0	7

Site	Address	Distance (m)	Map Key
TA BRULE CO LTD TA BRULE CO LTD	2916 MER BLEUE RD NAVAN ON K4B 1H9	249.9	21

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

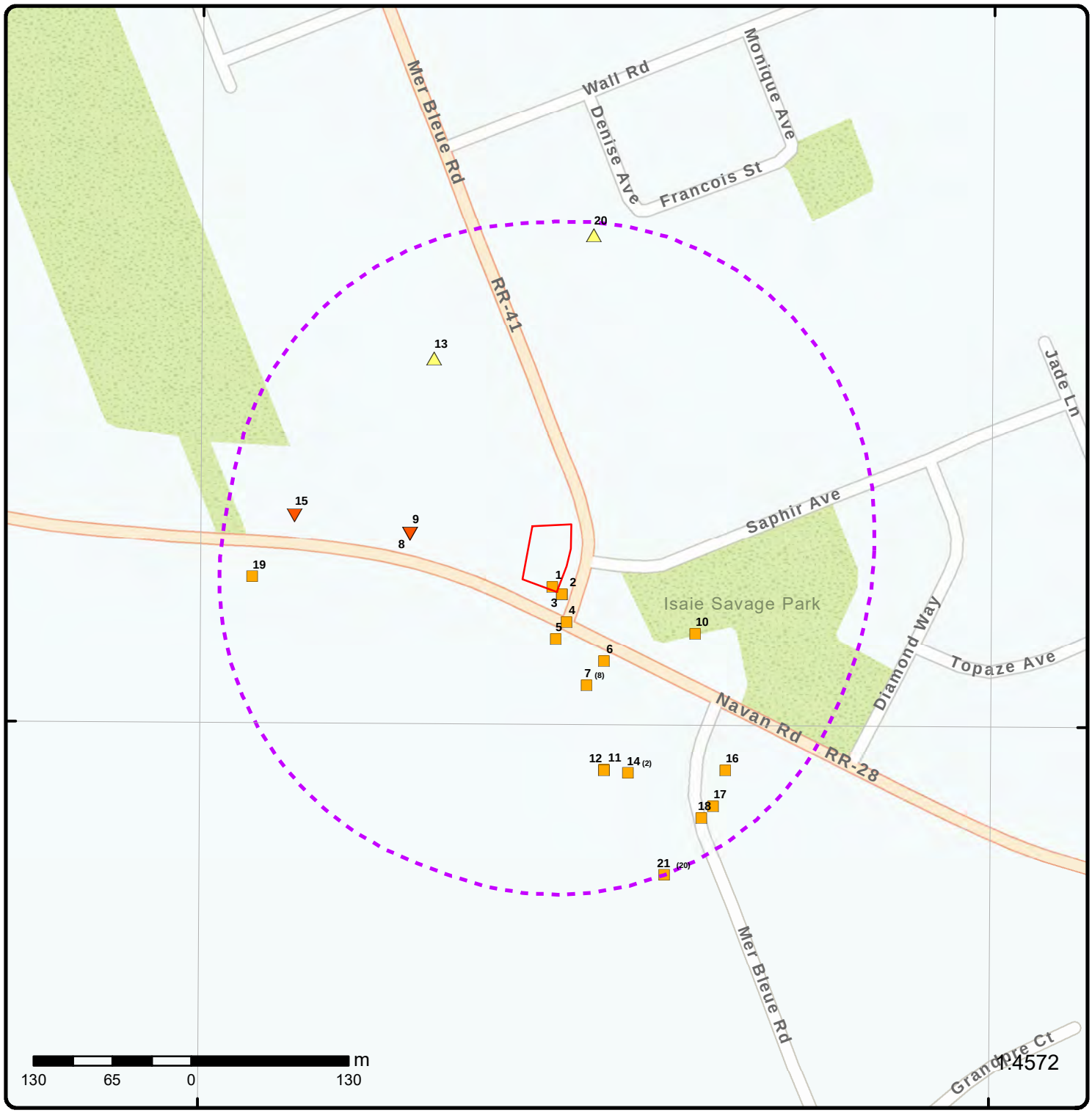
Site	Address	Distance (m)	Map Key
TRANSPORT TRUCK	MER-BLEU & NAVIN ROADS TRANSPORT TRUCK (CARGO) CUMBERLAND TOWNSHIP ON	26.7	4
ESSO PETROLEUM CANADA	2650 DENISE STREET NAVAN, ONTARIO TANK TRUCK (CARGO) CUMBERLAND TOWNSHIP ON	239.2	20

WWIS - Water Well Information System

A search of the WWIS database, dated Sep 30, 2021 has found that there are 12 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 1 con 7 ON ***Well ID:*** 1533039	0.0	1
	lot 1 con 4 ON ***Well ID:*** 1501507	4.8	3
	lot 1 con 4 OTTAWA ON ***Well ID:*** 7044480	39.1	5
	lot 1 con 4 ON ***Well ID:*** 1501505	69.3	6
	lot 1 con 4 ON	97.8	8

Site	Address	Distance (m)	Map Key
	Well ID: 1501508		
	3739 NAVAN ROAD lot 6 con 11 CUMBERLAND ON ***Well ID:*** 7267308	119.4	10
	lot 1 con 4 ON ***Well ID:*** 1510728	152.3	12
	lot 1 con 4 ON ***Well ID:*** 1509637	160.7	13
	lot 1 con 4 ON ***Well ID:*** 1501497	194.0	15
	lot 7 con 11 ON ***Well ID:*** 1512871	202.6	16
	lot 7 con 11 ON ***Well ID:*** 1512877	219.3	17
	lot 1 con 4 ON ***Well ID:*** 1512434	222.5	19



Map: 0.25 Kilometer Radius

Order Number: 22033100053

Address: 3713 Navan Road, Navan, ON

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major Arterial; Minor Arterial
- Local Road
- Service Road; Traffic Circle; Ramp
- Rail
- Beach
- Airport
- Industrial Area
- Military Base
- Aircraft Roads
- Native Reservation
- Hospital
- Shopping & Sports Area
- University/College
- Cemetery; Golf Course
- Parkt (National)
- Park (City/County)

75°30'W

45°25'30"N

45°25'30"N

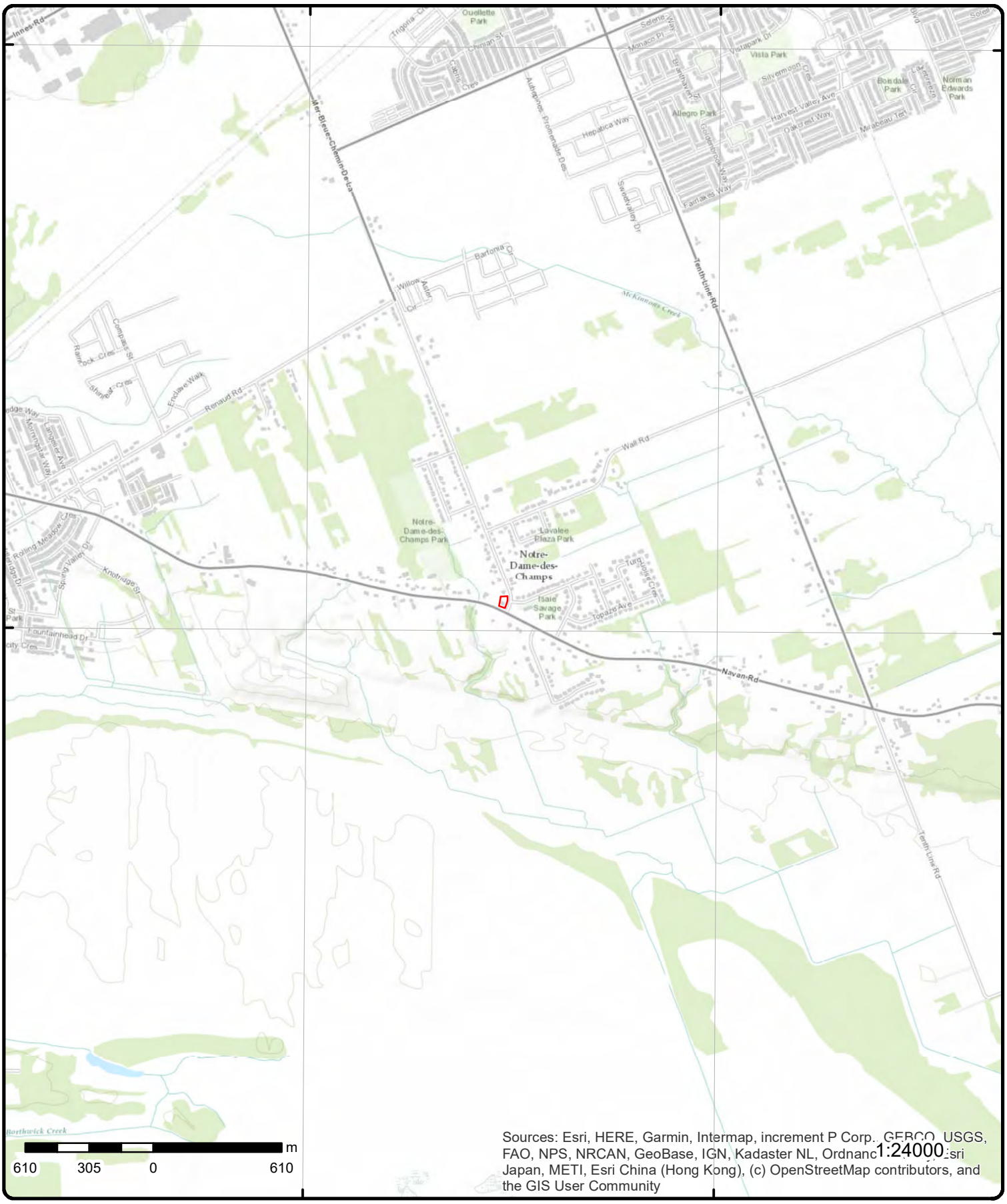
Aerial

Year: 2021

Order Number: 22033100053

Address: 3713 Navan Road, Navan, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 22033100053

Address: 3713 Navan Road, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SSE/0.0	84.9 / 0.00	lot 1 con 7 ON	WWIS

Well ID:	1533039	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	8/6/2002
Sec. Water Use:	Public	**Selected Flag:**	TRUE
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	
Water Type:		**Contractor:**	1414
Casing Material:		**Form Version:**	1
Audit No:	240412	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	07
Overburden/Bedrock:		**Concession Name:**	CON
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/153\1533039.pdf

Additional Detail(s) (Map)

Well Completed Date:	2002/07/24
Year Completed:	2002
Depth (m):	
Latitude:	45.4260165715898
Longitude:	-75.4879466667692
Path:	153\1533039.pdf

Bore Hole Information

Bore Hole ID:	10529786	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461828.40
Code OB Desc:		**North83:**	5030393.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	24-Jul-2002 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	961533039
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	11078356
Casing No:	1
Comment:	
Alt Name:	

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2 ***1 of 1*** ***SSE/4.7*** ***84.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	616241	***Inclin FLG:***	No
OGF ID:	215517030	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	SEP-1964	***Municipality:***	
Static Water Level:	22.6	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.425965
Total Depth m:	35.4	***Longitude DD:***	-75.487851
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	461836
Drill Method:		***Northing:***	5030387
Orig Ground Elev m:	85.3	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	85.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218403440	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	29.9	***Material Texture:***	
Material Color:	Blue	***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. BLUE.		

Geology Stratum ID:	218403441	***Mat Consistency:***	
Top Depth:	29.9	***Material Moisture:***	
Bottom Depth:	35.4	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Limestone	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	LIMESTONE. GREY. 00116EY, WATER STABLE AT 206.0 FEET... . BEDROCK. WEATHERED.		

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: 08749 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		

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3 ***1 of 1*** ***SSE/4.8*** ***84.9 / 0.00*** ***lot 1 con 4 ON*** ***WWIS***

Well ID:	1501507	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/19/1965
Sec. Water Use:	0	***Selected Flag:***	TRUE
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:***	001
Well Depth:		***Concession:***	04
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\1501507.pdf

Additional Detail(s) (Map)

Well Completed Date:	1964/09/17
Year Completed:	1964
Depth (m):	35.3568
Latitude:	45.4259629700765
Longitude:	-75.487851611
Path:	150\1501507.pdf

Bore Hole Information

Bore Hole ID:	10023550	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	461835.80

Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 17-Sep-1964 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

North83: 5030387.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930992022
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 98.0
Formation End Depth: 116.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992021
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501507
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572120
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930039965
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	116.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039964
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	100.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501507
Pump Set At:	
Static Level:	28.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	40.0
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454217
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	116.0
Water Found Depth UOM:	ft

4	***1 of 1***	***SSE/26.7***	***84.9 / 0.00***	***TRANSPORT TRUCK*** ***MER-BLEU & NAVIN ROADS TRANSPORT*** ***TRUCK (CARGO)*** ***CUMBERLAND TOWNSHIP ON***	***SPL***

Ref No:	95527	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	1/21/1994	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CONTAINER LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	

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

Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	20601
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	PD,FD,WORKS.
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	1/21/1994	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	ERROR	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	LEBLANC WASTE FUELS-UKN QTY DIESEL TO ROADWAY,PD,FD,NO RECOVERY.		
Contaminant Qty:			

5	1 of 1	S/39.1	84.9 / 0.00	lot 1 con 4 OTTAWA ON	WWIS

Well ID:	7044480	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Commerical	**Date Received:**	6/6/2007
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	6006
Casing Material:		**Form Version:**	3
Audit No:	Z71658	**Owner:**	
Tag:	A053937	**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	5R-14020
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7044480.pdf

Additional Detail(s) (Map)

Well Completed Date:	2007/05/03
Year Completed:	2007
Depth (m):	90.9
Latitude:	45.4256296737339
Longitude:	-75.4879100979698
Path:	704\7044480.pdf

Bore Hole Information

Bore Hole ID:	11766951	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461831.00
Code OB Desc:		**North83:**	5030350.00

Open Hole:
Cluster Kind:
Date Completed: 03-May-2007 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 933103059
Layer: 1
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.119999885559082
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933103060
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 2.119999885559082
Formation End Depth: 34.540000915527344
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933103061
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 34.540000915527344
Formation End Depth: 35.150001525878906
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID:	933103062
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Mat2 Desc:	SANDSTONE
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	35.150001525878906
Formation End Depth:	90.9000015258789
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933320210
Layer:	1
Plug From:	0.0
Plug To:	6.059999942779541
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	967044480
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11774641
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930900297
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	35.150001525878906
Depth To:	90.9000015258789
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Casing

Casing ID:	930900296
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	35.150001525878906
Casing Diameter:	20.31999969482422

Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11778974
Pump Set At: 30.299999237060547
Static Level: 7.570000171661377
Final Level After Pumping:
Recommended Pump Depth: 30.299999237060547
Pumping Rate: 45.5
Flowing Rate: 7.570000171661377
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11838195
Test Type: Draw Down
Test Duration: 4
Test Level: 10.029999732971191
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838202
Test Type: Recovery
Test Duration: 15
Test Level: 8.109999656677246
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838211
Test Type: Draw Down
Test Duration: 50
Test Level: 11.329999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838212
Test Type: Recovery
Test Duration: 50
Test Level: 7.699999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838199
Test Type: Draw Down
Test Duration: 10
Test Level: 10.600000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838203
Test Type: Draw Down
Test Duration: 20
Test Level: 10.979999542236328
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838193
Test Type: Draw Down
Test Duration: 3
Test Level: 9.710000038146973
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838197
Test Type: Draw Down
Test Duration: 5
Test Level: 10.15999984741211
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838200
Test Type: Recovery
Test Duration: 10
Test Level: 8.319999694824219
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838204
Test Type: Recovery
Test Duration: 20
Test Level: 8.020000457763672
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838205
Test Type: Draw Down
Test Duration: 25
Test Level: 11.0600004196167
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838206
Test Type: Recovery
Test Duration: 25
Test Level: 7.929999828338623
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838207
Test Type: Draw Down
Test Duration: 30
Test Level: 11.130000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838208
Test Type: Recovery
Test Duration: 30
Test Level: 7.849999904632568
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838189
Test Type: Draw Down
Test Duration: 1
Test Level: 8.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838190
Test Type: Recovery
Test Duration: 1
Test Level: 10.109999656677246
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838191
Test Type: Draw Down
Test Duration: 2
Test Level: 9.3100004196167
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838209
Test Type: Draw Down
Test Duration: 40
Test Level: 11.1899995803833
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838324
Test Type: Recovery
Test Duration: 60
Test Level: 7.630000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838198
Test Type: Recovery
Test Duration: 5
Test Level: 8.5

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838192
Test Type: Recovery
Test Duration: 2
Test Level: 9.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838196
Test Type: Recovery
Test Duration: 4
Test Level: 8.609999656677246
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838201
Test Type: Draw Down
Test Duration: 15
Test Level: 10.829999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838194
Test Type: Recovery
Test Duration: 3
Test Level: 8.970000267028809
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838210
Test Type: Recovery
Test Duration: 40
Test Level: 7.769999980926514
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11838213
Test Type: Draw Down
Test Duration: 60
Test Level: 11.420000076293945
Test Level UOM: m

Water Details

Water ID: 934086683
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 80.9000015258789
Water Found Depth UOM: m

Hole Diameter

Hole ID:	11853538
Diameter:	25.399999618530273
Depth From:	0.0
Depth To:	6.059999942779541
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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6 | ***1 of 1*** | ***SE/69.3*** | ***84.9 / 0.00*** | ***lot 1 con 4 ON*** | ***WWIS***

Well ID:	1501505	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/7/1962
Sec. Water Use:	0	***Selected Flag:***	TRUE
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:***	001
Well Depth:		***Concession:***	04
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\1501505.pdf

Additional Detail(s) (Map)

Well Completed Date:	1962/09/24
Year Completed:	1962
Depth (m):	21.336
Latitude:	45.425469829038
Longitude:	-75.4873999632416
Path:	150\1501505.pdf

Bore Hole Information

Bore Hole ID:	10023548	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	461870.80
Code OB Desc:		***North83:***	5030332.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	24-Sep-1962 00:00:00	***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:	930992017
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	65.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992016
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501505
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572118
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039961
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	70.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501505
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	20.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454215
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

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7 ***1 of 8*** ***SSE/81.0*** ***84.9 / 0.00*** ***TOTAL PETROLEUM***
3714 NAVAN RD
GLOUCESTER ON ***PRT***

Location ID:	5306
Type:	retail
Expiry Date:	1994-06-30
Capacity (L):	8000
Licence #:	0055108001

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7 ***2 of 8*** ***SSE/81.0*** ***84.9 / 0.00*** ***ALI ZAYOUN***
3714 NAVAN RD
GLOUCESTER ON K4B 1H9 ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	9805882	***Expired Date:***	4/18/1997
Status:	EXPIRED	***Max Hazard Rank:***	
Instance ID:		***Facility Location:***	
Instance Type:	FS Facility	***Facility Type:***	
Instance Creation Dt:		***Fuel Type 2:***	
Instance Install Dt:		***Fuel Type 3:***	
Item Description:		***Panam Related:***	
Manufacturer:		***Panam Venue Nm:***	
Model:		***External Identifier:***	
Serial No:		***Item:***	
ULC Standard:		***Piping Steel:***	
Quantity:		***Piping Galvanized:***	
Unit of Measure:		***Tank Single Wall St:***	
Overfill Prot Type:		***Piping Underground:***	
Creation Date:		***Tank Underground:***	
Next Periodic Str DT:		***Source:***	
TSSA Base Sched Cycle 2:			

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

TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description:
Original Source: EXP
Record Date: Up to May 2013

7	*3 of 8*	*SSE/81.0*	*84.9 / 0.00*	*ALI ZAYOUN* *3714 NAVAN RD* *GLOUCESTER ON*	*DTNK*

Delisted Expired Fuel Safety Facilities

Instance No: 11317489
Status: EXPIRED
Instance ID: 78020
Instance Type: FS Piping
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Piping
Original Source: EXP
Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

7	*4 of 8*	*SSE/81.0*	*84.9 / 0.00*	*ALI ZAYOUN* *3714 NAVAN RD* *GLOUCESTER ON*	*DTNK*

Delisted Expired Fuel Safety Facilities

Instance No: 11317450
Status: EXPIRED
Instance ID: 78682
Instance Type: FS Piping

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:

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

Instance Creation Dt:		**Fuel Type 2:**	
Instance Install Dt:		**Fuel Type 3:**	
Item Description:		**Panam Related:**	
Manufacturer:		**Panam Venue Nm:**	
Model:		**External Identifier:**	
Serial No:		**Item:**	
ULC Standard:		**Piping Steel:**	
Quantity:		**Piping Galvanized:**	
Unit of Measure:		**Tank Single Wall St:**	
Overfill Prot Type:		**Piping Underground:**	
Creation Date:		**Tank Underground:**	
Next Periodic Str DT:		**Source:**	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Piping		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

7	5 of 8	SSE/81.0	84.9 / 0.00	**ALI ZAYOUN** **3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA** **ON**	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	10762927	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	NULL
Instance ID:		**Facility Location:**	3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA
Instance Type:		**Facility Type:**	FS LIQUID FUEL TANK
Instance Creation Dt:	10/2/1989	**Fuel Type 2:**	NULL
Instance Install Dt:	10/2/1989	**Fuel Type 3:**	NULL
Item Description:	FS Liquid Fuel Tank	**Panam Related:**	NULL
Manufacturer:	NULL	**Panam Venue Nm:**	NULL
Model:	NULL	**External Identifier:**	NULL
Serial No:	NULL	**Item:**	
ULC Standard:	NULL	**Piping Steel:**	
Quantity:	1	**Piping Galvanized:**	
Unit of Measure:	EA	**Tank Single Wall St:**	
Overfill Prot Type:	NULL	**Piping Underground:**	
Creation Date:	7/5/2009 1:20:47 AM	**Tank Underground:**	
Next Periodic Str DT:	NULL	**Source:**	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL		
TSSAMax Hazard Rank 1:	NULL		
TSSA Risk Based Periodic Yn:	NULL		
TSSA Volume of Directives:	NULL		
TSSA Periodic Exempt:	NULL		
TSSA Statutory Interval:	NULL		
TSSA Recd Insp Interva:	NULL		
TSSA Recd Tolerance:	NULL		
TSSA Program Area:	NULL		
TSSA Program Area 2:	NULL		
Description:	NULL		
Original Source:	EXP		
Record Date:	31-JUL-2020		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	6 of 8	SSE/81.0	84.9 / 0.00	ALI ZAYOUN 3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	11317473	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	NULL
Instance ID:		**Facility Location:**	3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA
Instance Type:		**Facility Type:**	FS LIQUID FUEL TANK
Instance Creation Dt:	10/2/1989	**Fuel Type 2:**	NULL
Instance Install Dt:	10/2/1989	**Fuel Type 3:**	NULL
Item Description:	FS Liquid Fuel Tank	**Panam Related:**	NULL
Manufacturer:	NULL	**Panam Venue Nm:**	NULL
Model:	NULL	**External Identifier:**	NULL
Serial No:	NULL	**Item:**	
ULC Standard:	NULL	**Piping Steel:**	
Quantity:	1	**Piping Galvanized:**	
Unit of Measure:	EA	**Tank Single Wall St:**	
Overfill Prot Type:	NULL	**Piping Underground:**	
Creation Date:	7/5/2009 1:24:46 AM	**Tank Underground:**	
Next Periodic Str DT:	NULL	**Source:**	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL		
TSSAMax Hazard Rank 1:	NULL		
TSSA Risk Based Periodic Yn:	NULL		
TSSA Volume of Directives:	NULL		
TSSA Periodic Exempt:	NULL		
TSSA Statutory Interval:	NULL		
TSSA Recd Insp Interva:	NULL		
TSSA Recd Tolerance:	NULL		
TSSA Program Area:	NULL		
TSSA Program Area 2:	NULL		
Description:	NULL		
Original Source:	EXP		
Record Date:	31-JUL-2020		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	7 of 8	SSE/81.0	84.9 / 0.00	ALI ZAYOUN 3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA ON	FST

Instance No:	11317473	**Manufacturer:**	
Status:		**Serial No:**	
Cont Name:		**Ulc Standard:**	
Instance Type:		**Quantity:**	
Item:		**Unit of Measure:**	
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Gasoline
Tank Type:	Liquid Fuel Single Wall UST	**Fuel Type2:**	NULL
Install Date:	10/2/1989	**Fuel Type3:**	NULL
Install Year:	1977	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	13600	**No Underground:**	
Tank Material:	Steel	**Panam Related:**	
Corrosion Protect:	Sacrificial anode	**Panam Venue:**	
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		
Parent Facility Type:			
Facility Location:			

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

Device Installed Location: 3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: ALI ZAYOUN
Item: FS LIQUID FUEL TANK

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7 | ***8 of 8*** | ***SSE/81.0*** | ***84.9 / 0.00*** | ***ALI ZAYOUN***
3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA
ON | ***FST***

Instance No:	10762927	***Manufacturer:***	
Status:		***Serial No:***	
Cont Name:		***Ulc Standard:***	
Instance Type:		***Quantity:***	
Item:		***Unit of Measure:***	
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Gasoline
Tank Type:	Liquid Fuel Single Wall UST	***Fuel Type2:***	NULL
Install Date:	10/2/1989	***Fuel Type3:***	NULL
Install Year:	1977	***Piping Steel:***	
Years in Service:		***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	23423	***No Underground:***	
Tank Material:	Steel	***Panam Related:***	
Corrosion Protect:	Sacrificial anode	***Panam Venue:***	
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 3714 NAVAN RD GLOUCESTER K4B 1H9 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: ALI ZAYOUN
Item: FS LIQUID FUEL TANK

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8 | ***1 of 1*** | ***W/97.8*** | ***83.9 / -0.95*** | ***lot 1 con 4***
ON | ***WWIS***

Well ID:	1501508	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/19/1965
Sec. Water Use:	0	***Selected Flag:***	TRUE
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:***	001
Well Depth:		***Concession:***	04
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\1501508.pdf

Additional Detail(s) (Map)

Well Completed Date: 1964/10/16
Year Completed: 1964
Depth (m): 35.3568
Latitude: 45.4264061807065
Longitude: -75.4894533123389
Path: 150\1501508.pdf

Bore Hole Information

Bore Hole ID: 10023551
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 16-Oct-1964 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 461710.80
North83: 5030437.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930992025
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 104.0
Formation End Depth: 116.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992023
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	930992024
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	100.0
Formation End Depth:	104.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501508
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572121
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039966
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	106.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039967
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	116.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501508
Pump Set At:	

Static Level:	24.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	30.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454218
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	116.0
Water Found Depth UOM:	ft

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9 ***1 of 1*** ***W/97.9*** ***83.9 / -0.95*** ***ON*** ***BORE***

Borehole ID:	616244	**Inclin FLG:**	No
OGF ID:	215517033	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	OCT-1964	**Municipality:**	
Static Water Level:	19.5	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.426408
Total Depth m:	35.4	**Longitude DD:**	-75.489453
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	461711
Drill Method:		**Northing:**	5030437
Orig Ground Elev m:	82.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	81.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218403449	**Mat Consistency:**	
Top Depth:	30.5	**Material Moisture:**	
Bottom Depth:	31.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218403448	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	

Bottom Depth: 30.5
Material Color: Blue
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. BLUE.

Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218403450
Top Depth: 31.7
Bottom Depth: 35.4
Material Color: Grey
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. GREY. 00116R STABLE AT 206.0 FEET... . BEDROCK. WEATHERED. BEDROCK.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 08752 NTS_Sheet:
Confiden 1:

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

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10 | **1 of 1** | **ESE/119.4** | **84.9 / 0.00** | **3739 NAVAN ROAD lot 6 con 11 CUMBERLAND ON** | **WWIS**

Well ID: 7267308
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Supply
Water Type:
Casing Material:
Audit No: Z234637
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: 7/20/2016
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 7417
Form Version: 7
Owner:
Street Name: 3739 NAVAN ROAD
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 006
Concession: 11
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7267308.pdf

Additional Detail(s) (Map)

Well Completed Date: 2016/06/30
Year Completed: 2016
Depth (m):
Latitude: 45.4256719471289
Longitude: -75.4864404283195
Path: 726\7267308.pdf

Bore Hole Information

Bore Hole ID: 1006158538
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 30-Jun-2016 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 461946.00
North83: 5030354.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: gis

Overburden and Bedrock Materials Interval

Formation ID: 1006170748
Layer:
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth:
Formation End Depth:
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006170755
Layer: 1
Plug From: 0.0
Plug To: 16.700000762939453
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006170754
Method Construction Code:
Method Construction:

Other Method Construction:

Pipe Information

Pipe ID: 1006170746
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006170751
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 2.0
Depth To: 16.700000762939453
Casing Diameter: 10.15999984741211
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006170752
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1006170747
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 1006170750
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID:	1006170749
Diameter:	10.15999984741211
Depth From:	2.0
Depth To:	16.700000762939453
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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11 ***1 of 1*** ***SSE/152.2*** ***84.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	616234	***Inclin FLG:***	No
OGF ID:	215517023	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	SEP-1969	***Municipality:***	
Static Water Level:	8.8	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.424661
Total Depth m:	31.7	***Longitude DD:***	-75.487393
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	461871
Drill Method:		***Northing:***	5030242
Orig Ground Elev m:	83.8	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	84		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218403420	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	24.4	***Material Texture:***	
Material Color:	Blue	***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. BLUE.		

Geology Stratum ID:	218403421	***Mat Consistency:***	
Top Depth:	24.4	***Material Moisture:***	
Bottom Depth:	30.8	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Gravel	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	GRAVEL. BROWN.		

Geology Stratum ID:	218403422	***Mat Consistency:***	
Top Depth:	30.8	***Material Moisture:***	
Bottom Depth:	31.7	***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. 0010400090T 246.0 FEET.. . BEDROCK. WEATHERED. BEDROCK. DARK,GR **Note: Many records provided by the department have a truncated [Stratum Description] field.

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: 08742 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

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12 **1 of 1** **SSE/152.3** **84.9 / 0.00** **lot 1 con 4 ON** **WWIS**

Well ID:	1510728	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/30/1970
Sec. Water Use:	0	**Selected Flag:**	TRUE
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:**	001
Well Depth:		**Concession:**	04
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/151\1510728.pdf

Additional Detail(s) (Map)

Well Completed Date:	1969/09/10
Year Completed:	1969
Depth (m):	31.6992
Latitude:	45.4246597455116
Longitude:	-75.4873929920852
Path:	151\1510728.pdf

Bore Hole Information

Bore Hole ID:	10032745	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461870.80
Code OB Desc:		**North83:**	5030242.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	10-Sep-1969 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931015672
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015674
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	19
Most Common Material:	SLATE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	101.0
Formation End Depth:	104.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015673
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth: 80.0
Formation End Depth: 101.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961510728
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10581315
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930058057
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 104.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930058056
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 103.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510728
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 60.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID:	934097319
Test Type:	Draw Down
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897998
Test Type:	Draw Down
Test Duration:	60
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380054
Test Type:	Draw Down
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934641630
Test Type:	Draw Down
Test Duration:	45
Test Level:	50.0
Test Level UOM:	ft

Water Details

Water ID:	933465763
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	104.0
Water Found Depth UOM:	ft

13	*1 of 1*	*NW/160.7*	*85.9 / 1.00*	*lot 1 con 4 ON*	*WWIS*

Well ID:	1509637	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/27/1968
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1802
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:***	001
Well Depth:		***Concession:***	04
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\1509637.pdf

Additional Detail(s) (Map)

Well Completed Date: 1968/05/07
Year Completed: 1968
Depth (m): 24.9936
Latitude: 45.4277124096743
Longitude: -75.4892089341527
Path: 150\1509637.pdf

Bore Hole Information

Bore Hole ID:	10031669	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	461730.80
Code OB Desc:		***North83:***	5030582.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	07-May-1968 00:00:00	***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: 931012634
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 76.0
Formation End Depth: 82.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931012633
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 76.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961509637
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10580239
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930055977
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 78.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930055978
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 82.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991509637
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 78.0
Recommended Pump Depth: 78.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 5.0
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

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

Water Details

Water ID:	933464523
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	78.0
Water Found Depth UOM:	ft

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14 ***1 of 2*** ***SSE/160.7*** ***84.9 / 0.00*** ***M. Levesque and Son Cartage Ltd.***
3718 Navan Rd.
Gloucester ON ***CA***

Certificate #:	8320-4PJMF5
Application Year:	2000
Issue Date:	9/29/2000
Approval Type:	Waste Management Systems
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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14 ***2 of 2*** ***SSE/160.7*** ***84.9 / 0.00*** ***M. Levesque and Son Cartage Ltd.***
3718 Navan Rd.
Gloucester ON K1C 1J8 ***ECA***

Approval No:	8320-4PJMF5	***MOE District:***	Ottawa
Approval Date:	2000-09-29	***City:***	
Status:	Approved	***Longitude:***	-75.487175
Record Type:	ECA	***Latitude:***	45.42476
Link Source:	IDS	***Geometry X:***	
SWP Area Name:	South Nation	***Geometry Y:***	
Approval Type:	ECA-WASTE MANAGEMENT SYSTEMS		
Project Type:	WASTE MANAGEMENT SYSTEMS		
Business Name:	M. Levesque and Son Cartage Ltd.		
Address:	3718 Navan Rd.		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0042-4NXVCT-14.pdf		
PDF Site Location:			

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15 ***1 of 1*** ***W/194.0*** ***84.3 / -0.58*** ***lot 1 con 4***
ON ***WWIS***

Well ID:	1501497	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/16/1957
Sec. Water Use:	0	***Selected Flag:***	TRUE
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:**	001
Well Depth:		**Concession:**	04
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\1501497.pdf

Additional Detail(s) (Map)

Well Completed Date:	1957/09/24
Year Completed:	1957
Depth (m):	32.3088
Latitude:	45.4265359844834
Longitude:	-75.4906688284353
Path:	150\1501497.pdf

Bore Hole Information

Bore Hole ID:	10023540	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461615.80
Code OB Desc:		**North83:**	5030452.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	24-Sep-1957 00:00:00	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930991994
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	102.0
Formation End Depth:	106.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991993
Layer:	2
Color:	3
General Color:	BLUE

Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 102.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991992
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501497
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572110
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039951
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 106.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501497
Pump Set At:
Static Level: 21.0
Final Level After Pumping: 35.0
Recommended Pump Depth:
Pumping Rate: 8.0

Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454207
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	106.0
Water Found Depth UOM:	ft

---

16 | ***1 of 1*** | ***SE/202.6*** | ***84.9 / 0.00*** | ***lot 7 con 11 ON*** | ***WWIS***

Well ID:	1512871	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/25/1963
Sec. Water Use:	0	**Selected Flag:**	TRUE
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:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	007
Well Depth:		**Concession:**	11
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512871.pdf

Additional Detail(s) (Map)

Well Completed Date:	1962/12/11
Year Completed:	1962
Depth (m):	36.2712
Latitude:	45.4246651926047
Longitude:	-75.4861147714013
Path:	151\1512871.pdf

Bore Hole Information

Bore Hole ID:	10034859	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461970.80
Code OB Desc:		**North83:**	5030242.00

Open Hole:
Cluster Kind:
Date Completed: 11-Dec-1962 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931021781
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931021782
Layer: 2
Color: 6
General Color: BROWN
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 98.0
Formation End Depth: 119.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961512871
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10583429
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930061737
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	119.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930061736
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	100.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991512871
Pump Set At:	
Static Level:	21.0
Final Level After Pumping:	45.0
Recommended Pump Depth:	45.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933468365
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	119.0
Water Found Depth UOM:	ft

---

17 | ***1 of 1*** | ***SE/219.3*** | ***84.9 / 0.00*** | ***lot 7 con 11 ON*** | ***WWIS***

Well ID:	1512877	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/30/1970
Sec. Water Use:	0	***Selected Flag:***	TRUE
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:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	007
Well Depth:		**Concession:**	11
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512877.pdf

Additional Detail(s) (Map)

Well Completed Date:	1969/03/24
Year Completed:	1969
Depth (m):	36.2712
Latitude:	45.4243946206252
Longitude:	-75.4862402753172
Path:	151\1512877.pdf

Bore Hole Information

Bore Hole ID:	10034865	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461960.80
Code OB Desc:		**North83:**	5030212.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	24-Mar-1969 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931021801
Layer:	3
Color:	
General Color:	
Mat1:	07
Most Common Material:	QUICKSAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	80.0
Formation End Depth:	108.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931021799

Layer:	1
Color:	5
General Color:	YELLOW
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931021800
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931021802
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	19
Most Common Material:	SLATE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	108.0
Formation End Depth:	119.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961512877
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10583435
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930061748
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	119.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930061747
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	112.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991512877
Pump Set At:	
Static Level:	35.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	60.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933468371
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	119.0
Water Found Depth UOM:	ft

18 ***1 of 1*** ***SE/221.8*** ***84.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	616230	***Inclin FLG:***	No
OGF ID:	215517019	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	AUG-1960	***Municipality:***	
Static Water Level:	11.9	***Lot:***	

Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.424306
Total Depth m:	-999	**Longitude DD:**	-75.486367
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	461951
Drill Method:		**Northing:**	5030202
Orig Ground Elev m:	86.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	85.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218403408	**Mat Consistency:**	Soft
Top Depth:	.6	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND. VERY SOFT.		

Geology Stratum ID:	218403409	**Mat Consistency:**	
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	24.4	**Material Texture:**	
Material Color:	Blue	**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. BLUE.		

Geology Stratum ID:	218403407	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Soil	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SOIL.		

Geology Stratum ID:	218403410	**Mat Consistency:**	
Top Depth:	24.4	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Dark	**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL. WATER STABLE AT 246.0 FEET.. . BEDROCK. WEATHERED. BEDROCK. DARK,GREY,SOUND.		

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:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 087380 NTS_Sheet: 31G06E		
Confiden 1:	Reliable information but incomplete.		

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		

19	1 of 1	W/222.5	84.9 / 0.00	lot 1 con 4 ON	WWIS

Well ID:	1512434	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	4/24/1973
Sec. Water Use:	0	**Selected Flag:**	TRUE
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:**	001
Well Depth:		**Concession:**	04
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/151\1512434.pdf

Additional Detail(s) (Map)

Well Completed Date:	1972/10/11
Year Completed:	1972
Depth (m):	33.8328
Latitude:	45.4260840156747
Longitude:	-75.4911123176149
Path:	151\1512434.pdf

Bore Hole Information

Bore Hole ID:	10034425	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461580.80
Code OB Desc:		**North83:**	5030402.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11-Oct-1972 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

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

Overburden and Bedrock Materials Interval

Formation ID: 931020642
Layer: 1
Color: 5
General Color: YELLOW
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931020643
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 106.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931020644
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 106.0
Formation End Depth: 109.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931020645

Layer:	4
Color:	6
General Color:	BROWN
Mat1:	19
Most Common Material:	SLATE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	109.0
Formation End Depth:	111.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961512434
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10582995
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930061016
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	110.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930061017
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	111.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991512434
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	60.0
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	6.0

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934098772
Test Type:	Draw Down
Test Duration:	15
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934647796
Test Type:	Draw Down
Test Duration:	45
Test Level:	40.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934895952
Test Type:	Draw Down
Test Duration:	60
Test Level:	40.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934377471
Test Type:	Draw Down
Test Duration:	30
Test Level:	35.0
Test Level UOM:	ft

Water Details

Water ID:	933467890
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	111.0
Water Found Depth UOM:	ft

20	***1 of 1***	***N/239.2***	***85.9 / 1.00***	***ESSO PETROLEUM CANADA 2650 DENISE STREET NAVAN, ONTARIO TANK TRUCK (CARGO) CUMBERLAND TOWNSHIP ON***	***SPL***

Ref No:	95692	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	1/25/1994	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	

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

Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: CONFIRMED
Nature of Impact: Vegetation
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/25/1994
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: ESSO HOME COMFORT-2L FUR-NACE OIL TO SNOW & TREE: OPERATOR DROPPED NOZZLE
Contaminant Qty:

Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20601
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

21	1 of 20	SSE/249.9	84.9 / 0.00	TA BRULE CO LTD TA BRULE CO LTD 2916 MER BLEUE RD NAVAN ON K4B 1H9	PRT

Location ID: 9567
Type: private
Expiry Date:
Capacity (L): 9092.00
Licence #: 0001027383

21	2 of 20	SSE/249.9	84.9 / 0.00	J.L. MAINTENANCE SERVICES 2916 MERBLUE ROAD GLOUCESTER ON K4B 1H9	GEN

Generator No: ON2213900
SIC Code: 4499
SIC Description: OTHER CONST. SERVICES
Approval Years: 97,98,99,00,01,02,03,04,05
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

21	3 of 20	SSE/249.9	84.9 / 0.00	J.L. MAINTENANCE SERVICES 2916 Mer Bleue Road Ottawa, Ontario ON	GEN

Generator No: ON2213900
SIC Code: 484110
SIC Description: General Freight Trucking Local
Approval Years: 06
PO Box No:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:

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

Country: ***MHSW Facility:***

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

21	*4 of 20*	*SSE/249.9*	*84.9 / 0.00*	***TA BRULE CO LTD TA BRULE CO LTD*** ***2916 MER BLEUE RD*** ***NAVAN ON***	*DTNK*

Delisted Expired Fuel Safety Facilities

Instance No: 9304666
Status: EXPIRED
Instance ID: 384545
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: Fuels Safety Private Fuel Outlet - Self Serve
Original Source: EXP
Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

21	*5 of 20*	*SSE/249.9*	*84.9 / 0.00*	***TA BRULE CO LTD TA BRULE CO LTD*** ***2916 MER BLEUE RD*** ***NAVAN ON***	*DTNK*

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

Delisted Expired Fuel Safety Facilities

Instance No: 10868409
Status: EXPIRED
Instance ID: 47592
Instance Type: FS Piping
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Piping
Original Source: EXP
Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

21	*6 of 20*	*SSE/249.9*	*84.9 / 0.00*	***TA BRULE CO LTD TA BRULE CO LTD*** ***2916 MER BLEUE RD*** ***NAVAN ON***	*DTNK*

Delisted Expired Fuel Safety Facilities

Instance No: 10868387
Status: EXPIRED
Instance ID: 47800
Instance Type: FS Piping
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Piping
Original Source: EXP
Record Date: Up to Mar 2012

---

21 | ***7 of 20*** | ***SSE/249.9*** | ***84.9 / 0.00*** | ***J.L. MAINTENANCE SERVICES*** ***2916 Mer Bleue Road*** ***Ottawa, Ontario ON*** | ***GEN***

Generator No: ON2213900
SIC Code: 484110
SIC Description: General Freight Trucking Local
Approval Years: 2009
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

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21 | ***8 of 20*** | ***SSE/249.9*** | ***84.9 / 0.00*** | ***Worry Free Snowblowing Inc.*** ***2916 Mer Bleue Rd.*** ***Navan ON K4B 1H9*** | ***GEN***

Generator No: ON9184887
SIC Code: 532490
SIC Description:
Approval Years: 2011
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

---

21 | ***9 of 20*** | ***SSE/249.9*** | ***84.9 / 0.00*** | ***Worry Free Snowblowing Inc.*** ***2916 Mer Bleue Rd.*** ***Navan ON K4B 1H9*** | ***GEN***

Generator No: ON9184887
SIC Code: 532490
SIC Description: Other Commercial and Industrial Machinery and Equipment Rental and Leasing
Approval Years: 2012
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

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21 | ***10 of 20*** | ***SSE/249.9*** | ***84.9 / 0.00*** | ***Worry Free Snowblowing Inc.*** ***2916 Mer Bleue Rd.*** ***Navan ON*** | ***GEN***

Generator No: ON9184887
SIC Code: 532490
SIC Description: OTHER COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT RENTAL AND LEASING
Approval Years: 2013

Status:
Co Admin:
Choice of Contact:
Phone No Admin:

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

PO Box No:
Country:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	11 of 20	SSE/249.9	84.9 / 0.00	TA BRULE CO LTD TA BRULE CO LTD 2916 MER BLEUE RD NAVAN K4B 1H9 ON CA ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No: 10868400
Status: EXPIRED
Instance ID:
Instance Type:
Instance Creation Dt: 6/20/1990
Instance Install Dt: 6/20/1990
Item Description: FS Liquid Fuel Tank
Manufacturer: NULL
Model: NULL
Serial No: NULL
ULC Standard: NULL
Quantity: 1
Unit of Measure: EA
Overfill Prot Type: NULL
Creation Date: 7/5/2009 1:21:44 AM
Next Periodic Str DT: NULL
TSSA Base Sched Cycle 2: NULL
TSSAMax Hazard Rank 1: NULL
TSSA Risk Based Periodic Yn: NULL
TSSA Volume of Directives: NULL
TSSA Periodic Exempt: NULL
TSSA Statutory Interval: NULL
TSSA Recd Insp Interva: NULL
TSSA Recd Tolerance: NULL
TSSA Program Area: NULL
TSSA Program Area 2: NULL
Description: UNDERGROUND TANK
Original Source: EXP
Record Date: 31-JUL-2020

Expired Date:
Max Hazard Rank: NULL
Facility Location: 2916 MER BLEUE RD NAVAN K4B 1H9 ON CA
Facility Type: FS LIQUID FUEL TANK
Fuel Type 2: NULL
Fuel Type 3: NULL
Panam Related: NULL
Panam Venue Nm: NULL
External Identifier: NULL
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source: FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	12 of 20	SSE/249.9	84.9 / 0.00	TA BRULE CO LTD TA BRULE CO LTD 2916 MER BLEUE RD NAVAN K4B 1H9 ON CA ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No: 10868377
Status: EXPIRED
Instance ID:
Instance Type:
Instance Creation Dt: 6/20/1990
Instance Install Dt: 6/20/1990

Expired Date:
Max Hazard Rank: NULL
Facility Location: 2916 MER BLEUE RD NAVAN K4B 1H9 ON CA
Facility Type: FS LIQUID FUEL TANK
Fuel Type 2: NULL
Fuel Type 3: NULL

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

Item Description:	FS Liquid Fuel Tank	**Panam Related:**	NULL
Manufacturer:	NULL	**Panam Venue Nm:**	NULL
Model:	NULL	**External Identifier:**	NULL
Serial No:	NULL	**Item:**	
ULC Standard:	NULL	**Piping Steel:**	
Quantity:	1	**Piping Galvanized:**	
Unit of Measure:	EA	**Tank Single Wall St:**	
Overfill Prot Type:	NULL	**Piping Underground:**	
Creation Date:	7/5/2009 1:21:46 AM	**Tank Underground:**	
Next Periodic Str DT:	NULL	**Source:**	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL		
TSSAMax Hazard Rank 1:	NULL		
TSSA Risk Based Periodic Yn:	NULL		
TSSA Volume of Directives:	NULL		
TSSA Periodic Exempt:	NULL		
TSSA Statutory Interval:	NULL		
TSSA Recd Insp Interva:	NULL		
TSSA Recd Tolerance:	NULL		
TSSA Program Area:	NULL		
TSSA Program Area 2:	NULL		
Description:	UNDERGROUND TANK		
Original Source:	EXP		
Record Date:	31-JUL-2020		

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21 ***13 of 20*** ***SSE/249.9*** ***84.9 / 0.00*** ***Worry Free Snowblowing Inc.*** ***2916 Mer Bleue Rd.*** ***Navan ON K4B 1H9*** ***GEN***

Generator No:	ON9184887	**Status:**	
SIC Code:	532490	**Co Admin:**	
SIC Description:	OTHER COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT RENTAL AND LEASING	**Choice of Contact:**	CO_OFFICIAL
Approval Years:	2016	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	No
Country:	Canada	**MHSW Facility:**	No

Detail(s)

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

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21 ***14 of 20*** ***SSE/249.9*** ***84.9 / 0.00*** ***Worry Free Snowblowing Inc.*** ***2916 Mer Bleue Rd.*** ***Navan ON K4B 1H9*** ***GEN***

Generator No:	ON9184887	**Status:**	
SIC Code:	532490	**Co Admin:**	
SIC Description:	OTHER COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT RENTAL AND LEASING	**Choice of Contact:**	CO_OFFICIAL
Approval Years:	2015	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	No
Country:	Canada	**MHSW Facility:**	No

Detail(s)

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

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21 ***15 of 20*** ***SSE/249.9*** ***84.9 / 0.00*** ***Worry Free Snowblowing Inc.*** ***2916 Mer Bleue Rd.*** ***GEN***

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

Navan ON K4B 1H9

Generator No: ON9184887
SIC Code: 532490
SIC Description: OTHER COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT RENTAL AND LEASING
Approval Years: 2014
PO Box No:
Country: Canada

Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contam. Facility: No
MHSW Facility: No

Detail(s)

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

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21 | **16 of 20** | **SSE/249.9** | **84.9 / 0.00** | **Worry Free Snowblowing Inc.** | **GEN**
2916 Mer Bleue Rd.
Navan ON K4B 1H9

Generator No: ON9184887
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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21 | **17 of 20** | **SSE/249.9** | **84.9 / 0.00** | **Worry Free Snowblowing Inc.** | **GEN**
2916 Mer Bleue Rd.
Navan ON K4B 1H9

Generator No: ON9184887
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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21 | **18 of 20** | **SSE/249.9** | **84.9 / 0.00** | **TA BRULE CO LTD TA BRULE CO LTD** | **FST**
2916 MER BLEUE RD NAVAN K4B 1H9 ON CA
ON

Instance No: 10868377
Status:
Cont Name:
Instance Type:
Item:
Item Description: FS Liquid Fuel Tank
Tank Type: Liquid Fuel Single Wall UST
Install Date: 6/20/1990

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Gasoline
Fuel Type2: NULL
Fuel Type3: NULL

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

Install Year:	1990	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	4546	**No Underground:**	
Tank Material:	Steel	**Panam Related:**	
Corrosion Protect:	Impressed Current	**Panam Venue:**	
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		
Parent Facility Type:			
Facility Location:			
Device Installed Location:	2916 MER BLEUE RD NAVAN K4B 1H9 ON CA		

Liquid Fuel Tank Details

Overfill Protection:	
Owner Account Name:	TA BRULE CO LTD TA BRULE CO LTD
Item:	FS LIQUID FUEL TANK

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21 | ***19 of 20*** | ***SSE/249.9*** | ***84.9 / 0.00*** | ***TA BRULE CO LTD TA BRULE CO LTD***
2916 MER BLEUE RD NAVAN K4B 1H9 ON CA
ON | ***FST***

Instance No:	10868400	**Manufacturer:**	
Status:		**Serial No:**	
Cont Name:		**Ulc Standard:**	
Instance Type:		**Quantity:**	
Item:		**Unit of Measure:**	
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Diesel
Tank Type:	Liquid Fuel Single Wall UST	**Fuel Type2:**	NULL
Install Date:	6/20/1990	**Fuel Type3:**	NULL
Install Year:	1990	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	4546	**No Underground:**	
Tank Material:	Steel	**Panam Related:**	
Corrosion Protect:	Impressed Current	**Panam Venue:**	
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		
Parent Facility Type:			
Facility Location:			
Device Installed Location:	2916 MER BLEUE RD NAVAN K4B 1H9 ON CA		

Liquid Fuel Tank Details

Overfill Protection:	
Owner Account Name:	TA BRULE CO LTD TA BRULE CO LTD
Item:	FS LIQUID FUEL TANK

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21 | ***20 of 20*** | ***SSE/249.9*** | ***84.9 / 0.00*** | ***Worry Free Snowblowing Inc.***
2916 Mer Bleue Rd.
Navan ON K4B 1H9 | ***GEN***

Generator No:	ON9184887	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Nov 2021	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants

Unplottable Summary

Total: 10 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Mer Bleue Rd (Innes Rd 700m south)	Ottawa ON	
CA	City of Ottawa	Mer Bleue Rd (Innes Rd 700m south)	Ottawa ON	
CA	GLOUCESTER CITY	NAVAN RD.	GLOUCESTER CITY ON	
CA	APEX CONST. (VAULTEX CONST.)	NAVAN RD.	GLOUCESTER CITY ON	
CA	LUIGI TOSCANO	SAPHIR AVE TOSCANO/CHATELAIN	CUMBERLAND TWP. ON	
CA	LUIGI TOSCANO	SAPHIR AVE. TOSCANO/CHATELAIN	CUMBERLAND TWP. ON	
ECA	City of Ottawa	Navan Road	Ottawa ON	K1S 5K2
ECA	City of Ottawa	Navan Rd	Ottawa ON	K2G 6J8
SPL	ONTARIO HYDRO	LOT 6, CONC. 11 TRANSFORMER	CUMBERLAND TOWNSHIP ON	
SPL	NAVRO INC	ON MR. CALLAHAN PROPERTY NAVAN ROAD GLOUCESTER PLANT NAVAN ROAD	GLOUCESTER CITY ON	

Unplottable Report

Site: ***City of Ottawa***
Mer Bleue Rd (Innes Rd 700m south) Ottawa ON

Database: ***CA***

Certificate #:	8790-6VKTPK
Application Year:	2007
Issue Date:	4/26/2007
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***City of Ottawa***
Mer Bleue Rd (Innes Rd 700m south) Ottawa ON

Database: ***CA***

Certificate #:	2501-6V7Q25
Application Year:	2006
Issue Date:	11/10/2006
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: ***GLOUCESTER CITY***
NAVAN RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	3-2067-87-
Application Year:	87
Issue Date:	11/17/1987
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***APEX CONST. (VAULTEX CONST.)***
NAVAN RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	3-1234-86-

Application Year: 86
Issue Date: 9/11/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LUIGI TOSCANO***
SAPHIR AVE TOSCANO/CHATELAIN CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 7-1257-86-
Application Year: 86
Issue Date: 11/4/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LUIGI TOSCANO***
SAPHIR AVE. TOSCANO/CHATELAIN CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-1591-86-
Application Year: 86
Issue Date: 11/4/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Navan Road Ottawa ON K1S 5K2

Database: ***ECA***

Approval No: 2148-5PNPTW
Approval Date: 2003-07-25
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: City of Ottawa
Address: Navan Road
Full Address:
Full PDF Link:
PDF Site Location:

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

Site: ***City of Ottawa***
Navan Rd Ottawa ON K2G 6J8

Database: ***ECA***

Approval No:	7659-ALUK3A	***MOE District:***	
Approval Date:	2017-05-11	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	City of Ottawa		
Address:	Navan Rd		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2093-ALCKN7-14.pdf		
PDF Site Location:			

Site: ***ONTARIO HYDRO***
LOT 6, CONC. 11 TRANSFORMER CUMBERLAND TOWNSHIP ON

Database: ***SPL***

Ref No:	77504	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/13/1992	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	COOLING SYSTEM LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20601
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/13/1992	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	EQUIPMENT FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ONTARIO HYDRO - 20 L OF MINERAL OIL TO GROUND FROM TRANSFORMER.		
Contaminant Qty:			

Site: ***NAVRO INC***
ON MR. CALLAHAN PROPERTY NAVAN ROAD GLOUCESTER PLANT NAVAN ROAD GLOUCESTER CITY ON

Database: ***SPL***

Ref No:	2118	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/5/1988	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	20105
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	

MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/5/1988	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	NAVRO INC - UNKNOWN AMOUNTH OF LATEX PAINT LEAK TO NEXT DOOR LAND		
Contaminant Qty:			

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Nov 2021

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-Sep 30, 2021

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 2019

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2022

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-Sep 30, 2021

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 -Nov 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Jan 2022

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 - Mar 31, 2022

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: Feb 28, 2022

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Mar 31, 2022

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 - Mar 31, 2022

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Mar 31, 2022

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-Nov 30, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land 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, 2021

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2022

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Nov 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2022

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-Nov 30, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Feb 28, 2022

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-Feb 2022

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, 2020

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-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Feb 28, 2022

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-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994 - Feb 28, 2022

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- Mar 31, 2022

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Mar 31, 2022

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2019

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-Mar 2022

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-Sep 30, 2021

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. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

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, 2019

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: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Mar 31, 2022

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: Sep 30, 2021

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

HISTORICAL AERIALS

Project Property:	3713 Navan Road 3713 Navan Road Navan ON K4B 1H9
Project No:	160401742
Requested By:	Stantec Consulting Ltd.
Order No:	22033100053
Date Completed:	April 21, 2022

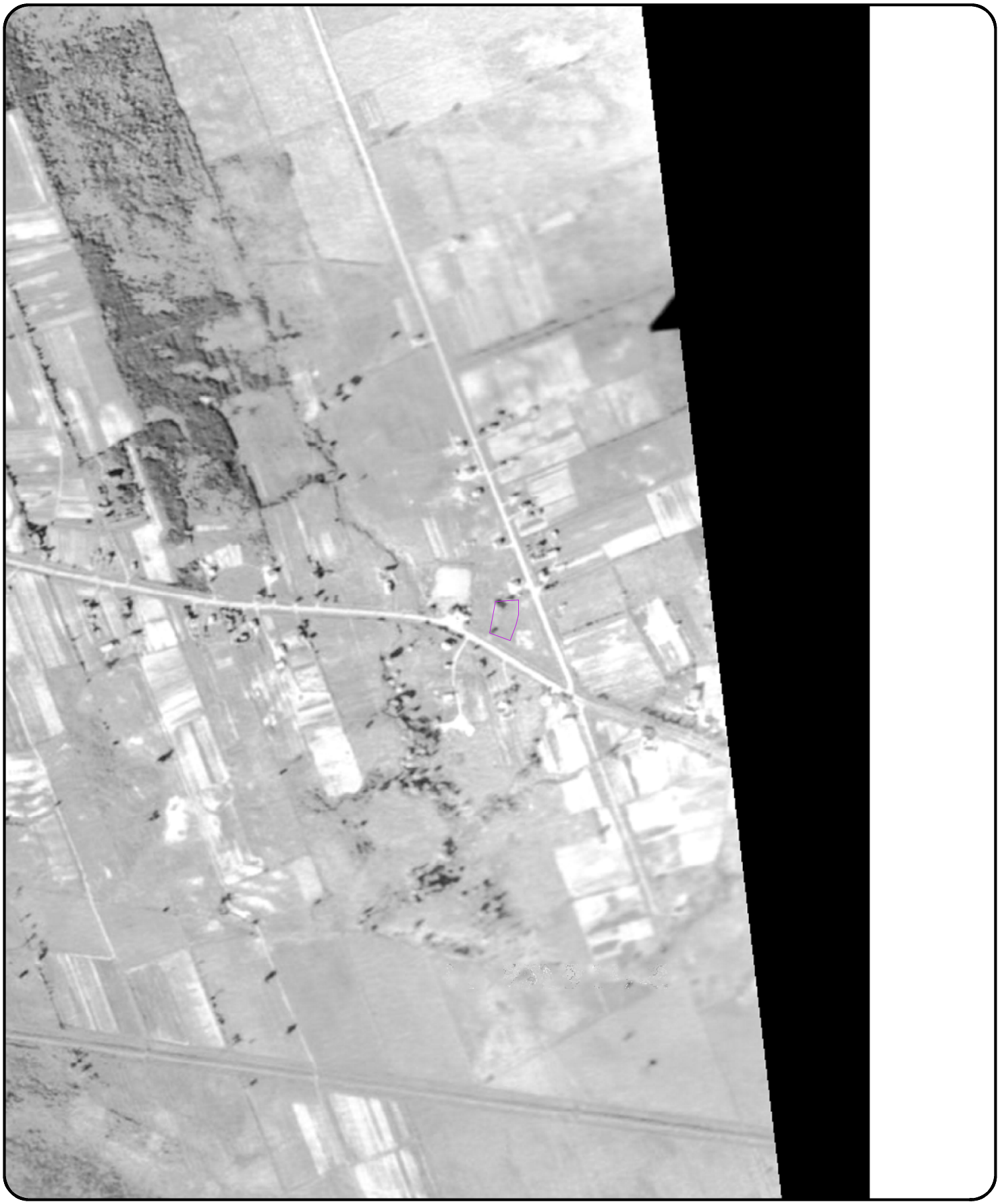
Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Decade	Year	Image Scale	Source
1920	Not Available		
1930	Not Available		
1940	1945	15000	NAPL
1950	1953	20000	NAPL
1960	1965	10000	City of Ottawa

0 0.125 0.25 0.5
Kilometers

Order Number: 22033100053

Year: 1945
Source: NAPL
Map Scale: 1: 10000
Comments:



0 0.125 0.25 0.5
Kilometers

Order Number: 22033100053

Year: 1953
Source: NAPL
Map Scale: 1: 10000
Comments:

0 0.125 0.25 0.5
Kilometers

Order Number: 22033100053

Year: 1965
Source: City of Ottawa
Map Scale: 1: 10000
Comments:

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property: *3713 Navan Road, Navan, Ontario*
Report Type: *City Directory*
Order No: *22033100053*
Information Source: *Vernon's Ottawa & Area, Ontario, City Directory; Vernon's Ottawa-Gatineau, National Capital Region, City Directory, and Vernon's Ottawa-Hull, National Capital Region, City Directory (LAC)*
Date Completed: *2022/05/05*

City Directory Information Source

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

Vernon's Ottawa & Area, Ontario, City Directory Vernon's Ottawa-Gatineau, National Capital Region, City Directory Vernon's Ottawa-Hull, National Capital Region, City Directory

PROJECT NUMBER:22033100053	
Site Address:	3713 Navan Road, Navan, Ontario
Year: 2011	
Site Listing:	-Address Not Listed
Adjacent Properties:	
3686 Navan Road	-Address Not Listed
3689 Navan Road	-Address Not Listed
3690 Navan Road	-Address Not Listed
3708 Navan Road	-Address Not Listed
3714 Navan Road	-Address Not Listed
3718 Navan Road	-Address Not Listed
3737 Navan Road	-Address Not Listed

2642 Chemin De La Mer-Bleue	-Address Not Listed
107 Saphir Avenue	-Address Not Listed
255 Wall Road	-Address Not Listed

PROJECT NUMBER:22033100053	
Site Address:	3713 Navan Road, Navan, Ontario
Year: 2006/2007	
Site Listing:	-Caisses Populaires de l'Ontario Région d'Ottawa
Adjacent Properties:	
3686 Navan Road	-Single-Tenant Residential
3689 Navan Road	-Navan Food Centre -Pronto Food Marts
3690 Navan Road	-Address Not Listed
3708 Navan Road	-Address Not Listed
3714 Navan Road	-Address Not Listed
3718 Navan Road	-Single-Tenant Residential

3737 Navan Road	-Address Not Listed
2642 Chemin De La Mer-Bleue	-Address Not Listed
107 Saphir Avenue	-Single-Tenant Residential
255 Wall Road	-Address Not Listed

PROJECT NUMBER:22033100053	
Site Address:	3713 Navan Road, Navan, Ontario
Year: 2001/2002	
Site Listing:	-Address Not Listed
Adjacent Properties:	
3686 Navan Road	-Single-Tenant Residential
3689 Navan Road	-Address Not Listed
3690 Navan Road	-Address Not Listed
3708 Navan Road	-Address Not Listed
3714 Navan Road	-Address Not Listed

3718 Navan Road	-Address Not Listed
3737 Navan Road	-Address Not Listed
2642 Chemin De La Mer-Bleue	-Address Not Listed
107 Saphir Avenue	-Single-Tenant Residential
255 Wall Road	-Address Not Listed

PROJECT NUMBER:22033100053	
Site Address:	3713 Navan Road, Navan, Ontario
Year: 1996/1997	
Site Listing:	-Address Not Listed
Adjacent Properties:	
3686 Navan Road	-Address Not Listed
3689 Navan Road	-Address Not Listed
3690 Navan Road	-Address Not Listed
3708 Navan Road	-Address Not Listed

3714 Navan Road	-Address Not Listed
3718 Navan Road	-Address Not Listed
3737 Navan Road	-Address Not Listed
2642 Chemin De La Mer-Bleue	-Address Not Listed
107 Saphir Avenue	-Single-Tenant Residential
255 Wall Road	-Address Not Listed

PROJECT NUMBER:22033100053	
Site Address:	3713 Navan Road, Navan, Ontario
Year: 1992	
Site Listing:	-Address Not Listed
Adjacent Properties:	
3686 Navan Road	-Address Not Listed
3689 Navan Road	-Address Not Listed
3690 Navan Road	-Address Not Listed

3708 Navan Road	-Address Not Listed
3714 Navan Road	-Address Not Listed
3718 Navan Road	-Address Not Listed
3737 Navan Road	-Address Not Listed
2642 Chemin De La Mer-Bleue	-Address Not Listed
107 Saphir Avenue	-Single-Tenant Residential
255 Wall Road	-Address Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

Navan, Ontario is listed from 1992 to 2011 within the city directory archives*

PROPERTY DESCRIPTION: PT LT 1 CON 4OF GLOUCESTER PT 2, 5R2242 EXCEPT PT 1, 5R2803; GLOUCESTER

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
RE-ENTRY FROM 04352-0737

PIN CREATION DATE:
1999/11/19

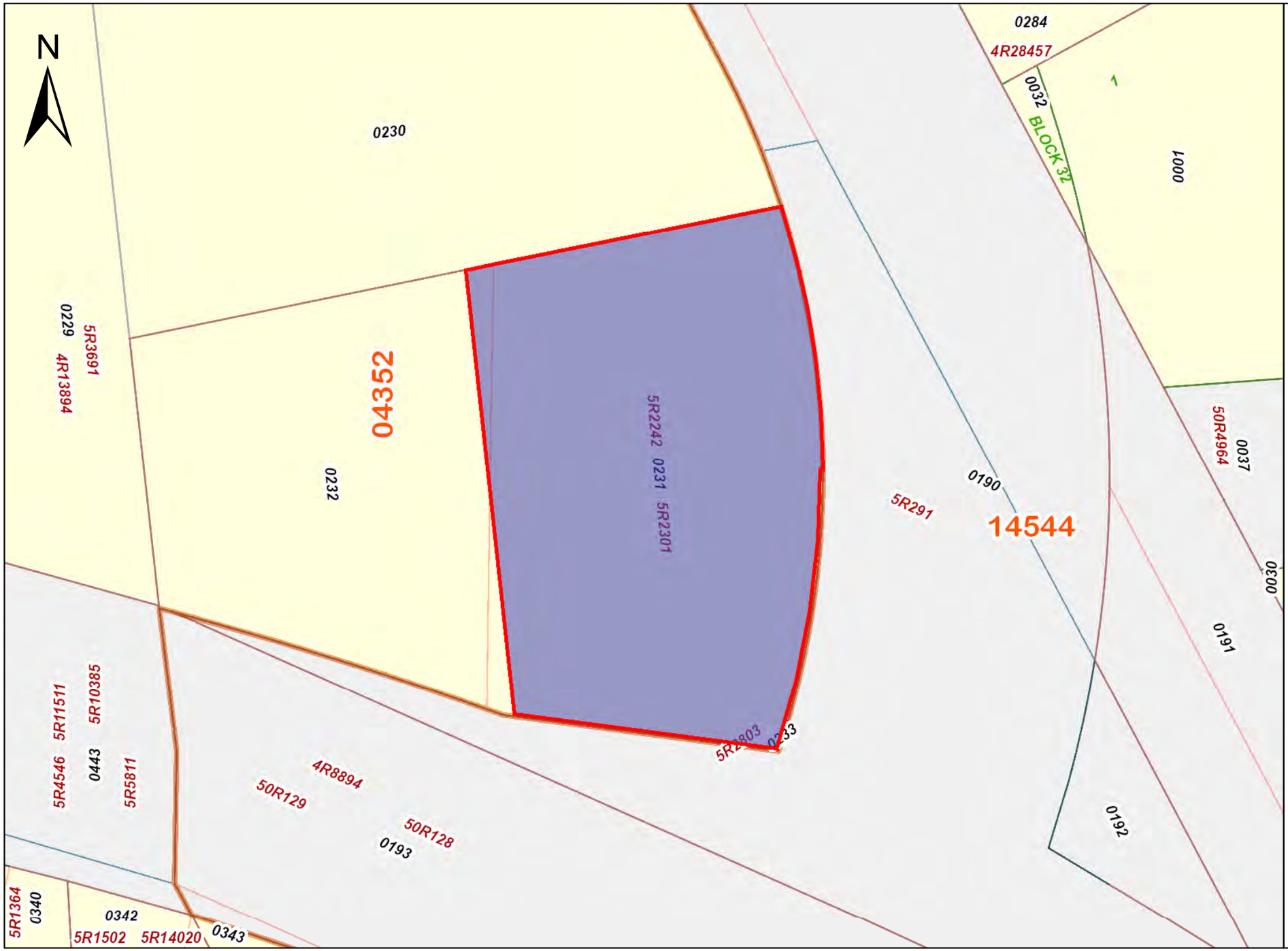
OWNERS' NAMES
CAISSE DESJARDINS ONTARIO CREDIT UNION INC.

CAPACITY SHARE
BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/04/28 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1999/11/19						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1999/11/22 ***						
GL76495	1965/05/03	BYLAW				C
5R2242	1975/10/16	PLAN REFERENCE				C
5R2301	1975/11/14	PLAN REFERENCE				C
CT225462	1976/03/12	TRANSFER	$22,500		CAISSE POPULAIRE DE CYRVILLE LIMITEE	C
CT239932	1976/11/17	AGREEMENT *REMARKS: SKETCH ATTACHED*			THE CORPORATION OF THE TOWNSHIP OF GLOUCESTER	C
CT244484	1977/03/03	MECHANICS LIEN				C
N368245	1986/12/10	AGREEMENT *REMARKS: SKETCH ATTACHED*			THE CORPORATION OF THE CITY OF GLOUCESTER	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC2482432	2022/04/26	APL CH NAME OWNER		CAISSE POPULAIRE DE CYRVILLE LIMITEE	CAISSE DESJARDINS ONTARIO CREDIT UNION INC.	C
OC2482439	2022/04/26	APL (GENERAL)		CAISSE DESJARDINS ONTARIO CREDIT UNION INC.		
OC2482442	2022/04/26	APL ANNEX REST COV		CAISSE DESJARDINS ONTARIO CREDIT UNION INC.		
OC2482825	2022/04/26	TRANSFER	$1,101,500	CAISSE DESJARDINS ONTARIO CREDIT UNION INC.	P.E.N. HOLDINGS CORP.	
REMARKS: PLANNING ACT STATEMENTS.						
OC2482826	2022/04/26	CHARGE	$400,000	P.E.N. HOLDINGS CORP.	THE TORONTO-DOMINION BANK	
OC2482827	2022/04/26	NO ASSGN RENT GEN		P.E.N. HOLDINGS CORP.	THE TORONTO-DOMINION BANK	



ServiceOntario

PRINTED ON 19 MAY, 2022 AT 17:30:29
FOR EEGOOLAB

SCALE

0 20 meters

PROPERTY INDEX MAP

OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	*0449*
BLOCK NUMBER	**08050**
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

19 May 2022

Steven Hannington
Stantec Consulting
300 – 1331 Clyde Avenue
Ottawa, ON K2C 3G4

Subject: **3713 Navan Road, Ottawa, Ontario**
Your File No.: **160401742**
SR No.: **3196484**

Dear Madam/Sir:

We are in receipt of your correspondence wherein you requested the release of information regarding the above noted subject.

A search of TSSA public records **did not** identify/reveal/locate any documents relating to the following Program(s):

Program	No Record
Fuels Safety	☒
Boiler/Pressure Vessel	☐
Elevating & Amusement Devices	☐

Requested records relating to the following Program(s) were located:

Program	Record	Documents Attached
Fuels Safety	☐	☐
Boiler/Pressure Vessel**	☐	☐
Elevating & Amusement Devices	☐	☐
Other	☐	☐

**For BPV, if it has been indicated that records have been located but are not attached, it is likely that TSSA may not be the keeper of the records you are looking for, see note below.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

Should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

C. Hill

Connie Hill
Public Information Services

Limitations and Notices:

TSSA Fuels Safety:

If you have environmental concerns regarding this property, you should consider hiring an environmental consultant to conduct an environmental assessment of the property in question.

- Sites that have not been licensed since 1987 may not be in TSSA records.

- Be advised, TSSA Fuels Safety Division did not register:
  - private fuel underground/ aboveground storage tanks prior to January of 1990; and
  - furnace oil tanks prior to May 1, 2002.

- Fuels Safety Division does not register
  - private waste oil tanks in apartments, office buildings, residences etc.; and
  - aboveground gas or diesel tanks.

- The *Technical Standards and Safety Act* and associated regulations do not require the registration of private fuel outlets, nor does it require that any documentation on these facilities be submitted to or reviewed or approved by TSSA. As a result, TSSA has limited information on these facilities. TSSA cautions that any information provided may be inaccurate, incomplete or out of date.

TSSA Elevating & Amusement Devices Program Notice:

- All orders and/or directions issued by the TSSA Inspector have a compliance date and the owner or designated contractor are required to comply within the specified time limit.

- All written declarations of compliance (where eligible) should be sent to TSSA. Once a declaration of compliance has been received, the outstanding order will be resolved.

- Each report shows the details and date of the inspection conducted by TSSA at the requested location.

- The Ontario Amusement Devices Regulation (O. Reg. 221/01) was adopted in 2001. Since that time, TSSA retains copies of technical dossiers of new amusement devices in Ontario (as per TSSA's retention policy). However, for rides that existed prior to the adoption of the Regulation, which were subject to a "grandfathering-in" clause, technical dossiers were not required to be filed with the TSSA. However, if the amusement ride remains in operation, as per ASTM requirements, the owner/licensee must possess an operations document for the device in question.

TSSA Boilers and Pressure Vessels (BPVs) Program Notice:

- Be advised, TSSA does not typically inspect BPVs. These inspections are usually performed by insurance companies.

- **Inspection reports are not always submitted to TSSA by insurance companies; therefore, while TSSA may have some evidence of a BPV at a location on file, there may be no inspection records pertaining to BPVs located at the address provided.

- As of July 1, 2018, BPVs in Ontario may not be operated unless the Director has issued a current certificate of inspection (COI) to the owner or operator. A COI will be issued to the owner or operator of the BPV by TSSA after TSSA has received a Record of Inspection (ROI) from the insurer/third-party inspector, the associated fees have been paid and the BPV has passed a periodic inspection.

- Please note that if the BPV in question is insured, the insurance company may have additional inspection records. Please contact the insurer directly should you wish to obtain further information.