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Phase One Environmental Site Assessment - 2405 and 2419 Mer Bleue Road, Ottawa, Ontario

April 4, 2025

Prepared for:
Conseil des écoles publiques de l'Est de l'Ontario

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1.0 Executive Summary

Conseil des écoles publiques de l'Est de l'Ontario (Client) retained Cambium Inc. (Cambium) to complete a Phase One Environmental Site Assessment (ESA) at 2405 and 2419 Mer Bleue Road in Ottawa, Ontario (Site or Phase One Property). The Phase One ESA will be used to support the filing of a Site Plan Approval (SPA) application with the City of Ottawa and as such, has been completed to meet the requirements of Ontario Regulation (O.Reg.) 153/04.

The roughly 3.61 ha Site is on the east side of Mer Bleue Road and approximately 90 m south of the intersection of Mer Bleue Road and Renaud Road. The Site currently consists of a vacant residential dwelling and vacant undeveloped/vegetated land. A review of historical documents indicated that the first developed land use at the site was for residential purposes in approximately 1925.

The Phase One ESA identified eight potentially contaminating activities (PCAs), eight on-site and none off-site, within the Phase One study area. The on-site PCAs contributed to areas of potential environmental concern (APECs) at the Site. The related contaminants of potential environmental concern were petroleum hydrocarbons (PHCs), volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs), metals, hydride-forming metals, and other regulated parameters (ORPs) including hot water soluble boron (B-HWS), hexavalent chromium [Cr(VI)], mercury (Hg), cyanide, chloride, sodium, pH, electrical conductivity (EC), and sodium adsorption ratio (SAR). Potentially contaminated media was soil and groundwater.

Based on the observations and information obtained for the site during the Phase One ESA, a Phase Two ESA is required for the Site to support the SPA application.

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2.0 Introduction

The Client retained Cambium to complete a Phase One ESA at the Site. The City of Ottawa requires the completion of a Phase One ESA for the Site consistent with O.Reg. 153/04 to support a Site Plan Approval application.

2.1 Phase One Property Information

The Site is on the east side of Mer Bleue Road and approximately 90 m south of the intersection of Mer Bleue Road and Renaud Road. Site information and property owner information are summarized below. The Phase One Property location is shown on Figure 1. A plan of survey is provided in Appendix A.

Property use surrounding the Site is as follows:

North – Residential.

South – Residential

East – Land under development, residential and parkland.

West – Residential, vacant undeveloped land and commercial.

The Site and surrounding land uses are shown on Figure 2

Site Identification Information

Municipal Address	2405 and 2419 Mer Bleue Road, Ottawa, Ontario
Historical Land Use	Residential and agricultural
Current Land Use	Residential
Future Land Use	Institutional
PIN	14563-1816 (LT) and 14563-0541 (LT)
Universal Transverse Mercator Coordinates*	Zone 18T 461,436 m E, 5,031,623 m N
Legal Description	Part 1 on 50R-3974 and 50R-29146, Part of Lot 4, Concession (Township of Cumberland), formerly Town of Orleans, now City of Ottawa; Regional Municipality of Ottawa-Carleton.
Site Area	≈3.61 ha (8.92 acre)

** The Universal Transverse Mercator measurements were obtained from Google Earth Pro.*

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Property Owner Information

Property Owner	Contact Information
Conseil des écoles publiques de l'Est de l'Ontario 2445 St. Laurent Boulevard, Ottawa, Ontario K1G 6C3	Omar Ben Hadda Construction Project Manager Email: omar.ben@cepeo.on.ca

2.2 Current and Proposed Future Use

The Site is developed with one building that is currently a vacant residential building.

A review of historical documents indicated that the Site has consisted of residential and agricultural land since the earliest records available (1925).

The Client intends to develop the Site with an institutional building and as such, a Site Plan Approval application is being submitted to the City of Ottawa.

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3.0 Scope of Investigation

This Phase One ESA was completed as specified in Schedule D of O.Reg. 153/04 and follows the mandatory reporting requirements stipulated in Table 1 of the schedule. This Phase One ESA included the following:

- A review of pertinent background and historical information including documents such as aerial photographs and topographic maps (as available)
- Review and summary of available environmental records obtained for the Site from the client and/or public and private sources
- Interviews with persons knowledgeable of the Site and adjacent properties and freedom of information requests
- A site reconnaissance including visual observation of properties within the Phase One study area from publicly accessible areas
- Preparation of this report documenting the findings of the Phase One ESA and recommendations for further work, if required, to assess the environmental condition of the Site

This Phase One ESA report describes the methods used to document and identify PCAs associated with the Site and neighbouring properties within the Phase One study area. While this report considers said environmental concerns, both past and present, it is limited by the availability of information obtained at the time of the assessment. No subsurface investigation or sampling was completed as part of the Phase One ESA.

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4.0 Records Review

This assessment was based on a review of the following records. A detailed list of sources referenced in this Phase One ESA is presented in Section 9.0.

- Aerial photographs
- Business directories
- Chain of Title
- Fire insurance plans (FIPs) and property underwriters' reports
- An Environmental Risk Information Services Ltd. (ERIS) search of numerous provincial, federal, and private databases
- Ministry of the Environment, Conservation and Parks (Ministry) records
- Technical Standards and Safety Authority (TSSA) records
- Available reports, maps, and other information

4.1 General

4.1.1 Phase One Study Area Determination

O.Reg. 153/04 defines the Phase One study area as the area that includes the Phase One Property, any other property that is located, wholly or partly, within 250 m from the nearest point on the Phase One Property boundary, and any property that the Qualified Person (QP_{ESA}) determines should be included as a part of the Phase One study area.

Based on a review of current and historical land uses at the Site and surrounding properties, topography, and groundwater flow direction, the QP_{ESA} considered the area within 250 m from the property boundary sufficient to identify PCAs and APECs.

4.1.2 First Developed Use Determination

The first developed use of the Phase One Property is defined by O.Reg.153/04 to be the earlier of (a) the first use of a Phase One Property in or after 1875 that resulted in the

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development of a building or structure on the property, and (b) the first potentially contaminating use or activity on the Phase One Property.

A review of aerial photographs, business directories, FIPs, and property ownership information was completed to determine the first developed land use for the Site. The Insurance Inspection Report review, which provided the oldest available property information, indicated that the Site was developed with a residential dwelling and barn in approximately 1925.

4.1.3 Fire Insurance Plans

Cambium requested FIPs, inspection reports, and plans from Opta Information Intelligence (Opta). No FIPs or plans were available for review; however, Opta provided Cambium with a copy of a 2003 Insurance Inspection Report. A copy of the Opta report is provided in Appendix B.

The following summarizes the 2007 Insurance Inspection Report:

- The 2007 Insurance Inspection Report was completed for the south portion of the Site (i.e., 2419 Mer Bleue Road). The Site was developed with a residential dwelling, a barn used for storage, and a third building used for repair/servicing of personal vehicles and equipment. This former automotive repair/servicing is a PCA that contributes to an APEC
- A 1,360 L gasoline AST and a 2,200 L diesel AST were located adjacent to the west of the barn. Based on the above-noted information, the former ASTs located at the Site are PCAs that contribute to APECs.
- The residential dwelling was constructed in approximately 1997 and heated by natural gas.
- The barn and third building used for repair/servicing were constructed in approximately 1925 and were not heated.

4.1.4 Chain of Title

A Chain of Title dating back to 1836 was reviewed to support the determination of first developed land use for the Site and identify PCAs. A copy of the Chain of Title documents is provided in Appendix C. Property ownership and use details are presented in Section 6.0.

The chain of title review identified the following:

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- The Phase One Property was first transferred from Crown in 1836
- The Phase One Property (PIN 14563-1816 and 14563-0514) is described as Part 1 on 50R-3974 and 50R-29146, Part of Lot 4, Concession (Township of Cumberland), formerly Town of Orleans, now City of Ottawa; Regional Municipality of Ottawa-Carleton.
- The Site (2405 Mer Bleue Road) was transferred to the Conseil des Ecoles Publiques de l'Est de l'Ontario, current owner of the Site, in 2017.
- The Site (2419 Mer Bleue Road) was transferred to Marcel Bisson, current owner of the Site, in 1984. It should be noted that at the time of writing the report the City of Ottawa along with Conseil des Ecoles Publiques de l'Est de l'Ontario and Marcel Bisson have an agreement for the sale of this portion of the Site to Conseil des Ecoles Publiques de l'Est de l'Ontario.

No pertinent listing contributing to PCAs were identified.

4.1.5 Environmental Reports

Cambium made appropriate inquiries to obtain copies of the following reports prepared in respect of all or part of the Site by or on behalf of a current or former owner respecting environmental conditions at the Site as listed in Schedule D, paragraph 4, subsection 3 (2) of O.Reg. 153/04:

- ESA reports
- Remediation reports
- Reports prepared in response to an order or request from the Ministry
- Reports relating to the presence of a contaminant on, in, or under the Site, or the existence of an APEC

Relevant information from the available reports is summarized below by report.

Phase One ESA (Gemtec, 2018)

Gemtec Consulting Engineers and Scientists Ltd. (Gemtec) completed a Phase One ESA at the Site in May 2018. The assessment consisted of a site inspection, historical and regulatory records review, evaluation of information and reporting.

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The following summarizes the APECs that were identified:

- APEC 1: Two 2,200 L diesel ASTs, one 1,360 L gasoline AST and an empty AST were observed on-site. Based on Cambium's review, the former ASTs are PCAs that contribute to APECs.
- APEC 2: Fill material of unknown quantity. Based on Cambium's review, the fill material is a PCA that contributes to an APEC.
- APEC 3: Former on-site automotive repair/servicing operations. Based on Cambium's review, the former on-site operations is a PCA that contributes to an APEC.
- APEC 4: Historical use of pesticides at the Site. However, based on the analytical results of previous subsurface investigations at the Site, concentrations for parameters associated with the application of pesticides at the Site met the applicable criteria. As such, it is Cambium's opinion that the application of pesticides does not represent a PCA.

Based on the results of the Phase One ESA, Gemtec recommended that a Phase Two ESA should be completed at the Site.

Phase II ESA (Gemtec, 2018)

Gemtec completed a Phase II ESA at the Site in April 2018. It should be noted that a Geotechnical Investigation was completed in conjunction with the Phase II ESA.

The scope of work consisted of the advancement of 10 boreholes to a maximum depth of 10.37 m below ground surface (mbgs) in the vicinity of the previously identified APECs. It should be noted that 5 boreholes were installed as groundwater monitoring wells (BH-18-3, BH-18-4, BH-18-6, BH-18-9 and BH-18-10).

Criteria used for the evaluation was compared to the applicable Table 2 Site Condition Standards (SCS) (for a residential/parkland/institutional land use with coarse-grained soils in a potable groundwater condition), as stipulated in the Ministry document entitled *"Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act"*, and dated April 2011 (Table 2 SCS). It should be noted that Gemtec also compared the analytical results to Table 1 SCS in the event that soil is removed from the Site, as well as, Table 3 SCS in the event of that no potable water sources are located within 100 m of the Site.

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Stratigraphy at the Site consists primarily of silty clay to 10.37 mbgs, with the exception of fill material (silty sand, gravel and asphalt) observed in BH-18-1, BH-18-2, BH-18-3 and BH-18-4 to a depth ranging between approximately 0.61 m and 1.37 mbgs.

Groundwater measurements collected at the Site ranged between 0.31 m (BH-19-6) and 1.99 mbgs (BH-18-3).

A total of 13 soil samples and 5 groundwater samples were submitted for laboratory analysis for select parameters including petroleum hydrocarbons (PHCs), volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs), metals and inorganics,).

All soil analytical results satisfied the Table 2 Standards, with the exception of the following:

- A soil sample collected from BH-18-4 SA 1 for sodium adsorption ratio (SAR), electrical conductivity and boron (available).

Gemtec noted the same above-noted exceedances when comparing to the Table 3 SCS; however, the following soil exceedances were noted when comparing to the Table 1 SCS:

- A soil sample collected from BH-18-3 SA3 for SAR and chromium.
- A soil sample collected from BH-18-4 SA3 for SAR, EC and PHC (F4).
- A soil sample collected from BH-18-5 SA1 for SAR.
- A soil sample collected from BH-18-8 SA2 for chromium.

All groundwater analytical results satisfied the Table 2 Standards, with the exception of the following:

- A groundwater sample collected from BH-18-3 for chloride, sodium, benzo(a)pyrene, chrysene and fluoranthene.
- A groundwater sample collected from BH-18-4, BH-18-6, BH-18-10 for chloride and sodium.
- A groundwater sample collected from BH-18-9 for chloride.

Gemtec noted that when comparing to the Table 3 SCS, only BH-18-3 and BH-18-4 had concentrations of chloride that exceed the Table 3 SCS. Based on the above-noted

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exceedances (i.e., chloride and sodium), it was Gemtec's opinion that the exceedances are associated with road salt application at the Site.

Based on the results of the Phase II ESA, Gemtec recommended the following:

- Confirm that the properties within 100 m of the Site do not use groundwater as their potable water source. A request to the City of Ottawa should be submitted. If it is confirmed that no properties within the surrounding area use groundwater as their potable water source, Table 3 SCS should be applied.
- Based on the analytical soil results, it was Gemtec's opinion that impacted soil will be encountered during the proposed construction. In addition, Gemtec noted that the SAR and EC exceedances are likely associated with the application of road salt at the Site. Based on the minor boron (available) exceedance noted in BH-18-4 SA1, Gemtec recommended that additional soil samples should be collected in the vicinity of BH-18-4, if off-site disposal is required.
- Gemtec stated that based on the soil impacts noted at the Site, it may pose a risk to vegetated areas in the vicinity of BH-18-4. As such, soil may be reused on-site at a minimum depth of 1.5 mbgs. Furthermore, Gemtec indicated that the impacted soil should be delineated and disposed of at a licensed accredited landfill.
- If Table 3 SCS applies to the Site, the groundwater exceedances for chloride noted in BH-18-3 and BH-18-4 are likely associated with the application of road salt at the Site.

Phase One ESA (Gemtec, 2023)

Gemtec completed a Phase One ESA for the south portion of the Site (i.e., 2419 Mer Bleue Road) in May 2023. The assessment consisted of a site inspection, historical and regulatory records review, evaluation of information and reporting. In addition, Gemtec reviewed the above-noted reports.

The following summarizes the APECs that were identified:

- APEC 1: Former gasoline and diesel ASTs. Based on Cambium's review, the former ASTs are PCAs that contribute to APECs.

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- APEC 2: Fill material of unknown quantity. Based on Cambium's review, the fill material is a PCA that contributes to an APEC.
- APEC 3: Historical use of pesticides at the Site. However, based on the analytical results of previous subsurface investigations at the Site, concentrations for parameters associated with the application of pesticides at the Site met the applicable criteria. As such, it is Cambium's opinion that the application of pesticides does not represent a PCA.
- APEC 4: Pole-mounted transformer located on the west portion of the Site. Based on type of transformer (i.e., pole-mounted), no staining observed in the vicinity of the transformer and the lack of spills associated with the transformer, it is Cambium's opinion that the transformer does not represent a PCA.
- APEC 5: Pole-mounted transformer located 2 m northeast of the Site. Based on type of transformer (i.e., pole-mounted), no staining observed in the vicinity of the transformer and the lack of spills associated with the transformer, it is Cambium's opinion that the transformer does not represent a PCA.
- APEC 6: Former on-site automotive repair/servicing operations. Based on Cambium's review, the former on-site operation is a PCA that contributes to an APEC.
- APEC 7A: Previously identified soil contamination. Based on Cambium's review, the previously identified other regulated parameters and metals contamination is a PCA that contributes to an APEC.
- APEC 7B: Previously identified groundwater contamination. Based on Cambium's review, the previously identified chloride, sodium, benzo(a)pyrene, chrysene and fluoranthene contamination is a PCA that contributes to an APEC.

Based on the results of the Phase One ESA, Gemtec recommended that a Phase Two ESA should be completed at the Site.

4.2 Environmental Source Information

Cambium made inquiries appropriate to obtain reasonably accessible records pertaining to the Site, including the following, as listed in Schedule D, paragraph 7, subsection 3 (2), of O.Reg. 153/04:

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- National Pollutant Release Inventory information maintained by Environment Canada
- Polychlorinated biphenyl (PCB) information maintained by the Ministry
- Certificates of approval, permits to take water, certificates of property use or similar instruments related to the environmental condition of the Phase One Property and any property on, under or adjacent to the Phase One Property and issued pursuant to an Act administered by the Ministry, whether in force or not
- The *Inventory of Coal Gasification Plant Waste Sites in Ontario* (MOE, 1988b) and the *Inventory of Industrial Facilities Producing or Using Coal Tar or Related Tars in Ontario* (MOE, 1988a)
- Records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the Ministry where the incident, order, offence, spill, discharge or inspection affects the Phase One Property and any property on, under or adjacent to the Phase One Property
- Waste management records, including current and historical waste storage locations and waste generator and waste receiver information maintained pursuant to Regulation 347 of the Revised Regulations of Ontario, 1990 (General — Waste Management) made under the Act, or its predecessors with respect to the Phase One Property and any property on, under or adjacent to the Phase One Property
- Reports submitted to the Ministry related to the environmental conditions of the Phase One Property and any property on, under or adjacent to the Phase One Property
- Retail fuel storage tanks information maintained by the Technical Standards and Safety Authority
- Notices and instruments, including Records of Site Condition (RSCs), posted in the Environmental Registry
- Identification of areas of natural significance maintained by the Ministry of Natural Resources and Forestry
- Landfill information maintained by the Ministry - *Waste Disposal Site Inventory* (MOE, 1991)

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4.2.1 City Directories

A search of available city directories for the Site and surrounding properties was completed at the Library and Archives of Canada in Ottawa, Ontario by Cambium. Directories dated 1991 and 2011 were available. The Site was listed as various residential listings since 1995. Neighbouring properties were listed as residential, with the exception of the property located at 2388 Mer Bleue Road, which was listed as Done Right Contracting in 2011.

A summary of the directory listings for the Site and surrounding properties is included in Appendix D.

4.2.2 ERIS Data

ERIS is a private environmental database and information service company. Cambium contracted ERIS to provide a database report for the Phase One study area (ERIS, 2024). The ERIS report summarizes the findings of a search of various federal, provincial, and private source databases for all properties within 250 m from the site boundary. The ERIS report is presented in Appendix E.

On-Site Records

The following environmentally significant records were identified for the Site:

- The Ontario Regulation 347 Waste Generators Summary database indicated that Franick Road Services Inc. was registered as a hazardous waste generator (ON6946007) of aliphatic solvents and waste oils and lubricants in 2005 and 2006. It should be noted that based on information gathered by Cambium, the former residential tenant completed repairs on his own truck, and this was not an on-site commercial repair operation.
- The Water Well Information System indicated that a water supply well was installed at the Site in 1972. The stratigraphy of the well consists of clay to about 28.9 mbgs, overlying gravel to about 35.3 mbgs.

The hazardous waste generation at Franick Road Services Inc., was likely associated with former on-site automotive repair/servicing operations, and as such, this PCA does contribute to an APEC.

Off-Site Records

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There were no environmentally significant records for properties within the Phase One study area.

4.2.3 Coal Gasification Plants

The *Inventory of Industrial Facilities Producing or Using Coal Tar or Related Tars in Ontario* (MOE, 1988a) was reviewed. No industrial facilities producing or using coal or related tars were identified within 1,000 m of the Site.

The *Inventory of Coal Gasification Plant Waste Sites in Ontario* (MOE, 1988b) was reviewed. No coal gasification plant waste sites were identified within 1,000 m of the Site.

4.2.4 Waste Disposal Site Inventory

The *Waste Disposal Site Inventory* (MOE, 1991) was reviewed. No waste disposal sites were identified within 1,000 m of the Site.

4.2.5 Freedom of Information

Freedom of information (FOI) requests were submitted to the Ministry and the TSSA. Responses are summarized below. Copies of the FOI requests and responses, if available, are included in Appendix F.

<u>Ministry of the Environment, Conservation and Parks FOI Results</u>

An FOI request was submitted to the Ministry on September 11, 2024. A response to the FOI request submitted to the Ministry was not received prior to completion of this report. The results of the FOI request will be provided under separate cover if they change the findings of the Phase One ESA.

<u>TSSA FOI Results</u>

An FOI request for 2405 and 2419 Mer Bleue Road was submitted on September 11, 2024. A response was received on September 18, 2024, indicating they had no records for fuel storage tanks for the Site or surrounding properties searched.

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4.2.6 Access Environmental Site Registry

Cambium searched for RSCs and transition notices filed in the Access Environmental Site Registry (Ontario, 2024). No RSCs or Transition Notices were found for the Site or properties within the Phase One study area.

4.3 Physical Setting Sources

The following documents were available for review and were used to supplement the information database for this report.

- Historical aerial photographs
- Topography, hydrology, and geology maps (stratigraphic maps, topographic maps, Ontario base mapping (OBM), etc.)
- Areas of Natural or Scientific Interests (ANSI) maps
- Well records

4.3.1 Aerial Photographs

Aerial photographs dated 1965, 1976, 1984, 1991, 2002, 2014 and 2023 were reviewed to identify the first developed use of the Site and subsequent on-site activities, buildings, structures, PCAs, and APECs, as per Schedule D, paragraph 9, of O.Reg. 153/04. Detailed observations are provided in Appendix G. The aerial photographs are provided as Figure 5 to Figure 9.

Review of the aerial photographs indicated that the Site was developed for residential and agricultural land use prior to 1965 until 1991. Residential and agricultural use continued; however, since 2002, the south portion of the Site appears to consist of a storage yard.

4.3.2 Topography, Hydrology, and Geology

Review of a topographic map (MNRF, 2024) indicates that the Site and surrounding area is generally level with a gentle slope down to the northeast toward a stormwater management pond (Summerside West Pond) which flows into a tributary of McKinnon's Creek.

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The Site is within a physiographic region characterized by clay plains (Chapman & Putnam, 1984). In the general area, the overburden is silt and clay, minor sand and gravel (OGS, 2010). The soils overlie shale, limestone, dolostone, and/or siltstone of the Ottawa Group; Simcoe Group and Shadow Lake formations (OGS, 2007).

Gemtec identified the following soil profile at the Site during a Phase II ESA (Gemtec, 2018):

- Stratigraphy at the Site consists primarily of silty clay to 10.37 mbgs, with the exception of fill material (silty sand, gravel and asphalt) observed in BH-18-1, BH-18-2, BH-18-3 and BH-18-4 to a depth ranging between approximately 0.61 m and 1.37 mbgs.

Groundwater measurements collected at the Site ranged between 0.31 m (BH-19-6) and 1.99 mbgs (BH-18-3).

4.3.3 Fill Materials

Significant fill is present on the south portion of the Site and was noted in previous investigations (refer to Section 4.1.5). The source and quality of the fill material is unknown. The historical placement of fill was previously identified as a PCA that contributes to an APEC.

4.3.4 Water Bodies and Areas of Natural Significance & Ground Water Information

The closest water body to the Site is a tributary of McKinnon's Creek, about 660 m northeast of the Site, which flows southeast into Bear Brook, which flows east into the South Nation River. The provincially significant wetland, Mer Bleue Bog, is located 1950 m south of the Site. Therefore, the Site is not within 30 m of a water body, as defined in O.Reg. 153/04.

Based on the topography, the drainage flow pattern of the surrounding area, and the distance and direction of these waterbodies, the regional groundwater flow direction is inferred to be southeast.

The following were reviewed to identify if the Site includes, is adjacent to, or is within 30 m of an area of natural significance:

1. The study area does not include areas reserved or set apart as a provincial park or conservation reserve (Ontario, 2023).

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2. No provincially significant wetlands, nor areas of natural or scientific interest, adjacent to, or within 30 m of the Site, were identified by the Ministry of Natural Resources (MNR, 2024).
3. The Site does not include areas designated as a wilderness area (MNRF, 2024)
4. The Natural Heritage Information Centre (NHIC) identified the potential presence of habitat within the 1 km grid overlapping the Site for the following threatened or endangered species (MNR, 2024).

- Eastern Meadowlark (*Sturnella magna)* – threatened

The Site is located in an urban area surrounded by residential homes, community and commercial buildings, the majority of greenspaces are landscaped grass or manicured gardens; therefore, there are no potential habitats of the identified species at risk within the Phase One study area.

Based on this review, the Phase One study area is not considered an area of natural significance as defined in Section 1 of O.Reg. 153/04.

4.3.5 Well Records

A search of the Ministry Water Well Information System by ERIS identified nine water well records within the Phase One study area, ranging from about 15 m to 25 m from the Site. The wells were identified as domestic water supply.

Stratigraphy recorded in the well records for the on-site wells was generally clay overlying gravel at about 29 mbgs, with bedrock at about 35 mbgs. Stratigraphy in the off-site wells within 100 m of the Site was generally surficial sand overlying clay with bedrock at 26 to 31 mbgs.

4.4 Site Operating Records

A review of available site operating records is required when the Site is an Enhanced Investigation Property. A property is defined as an Enhanced Investigation Property as per paragraph 32 (1) (b) of O.Reg. 153/04 if it is used, or has ever been used, in whole or in part for an industrial use or for any of the following commercial uses:

- A commercial garage

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- A bulk liquid dispensing facility, including a gasoline outlet
- For the operation of dry cleaning equipment

Review of the site history indicated the Site is not an Enhanced Investigation Property. As such, a review of available site operating records was not completed.

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5.0 Interviews

As per O.Reg. 153/04, interviews with persons described below are required in an effort to obtain further information regarding the Site use, occupancy history, and environmental conditions of the Site. This may include the following:

- Persons relevant to meeting the objectives of the Phase One ESA
- Current occupants and/or owners of the Site, or an individual with control of or authority over the owner
- Previous owners and/or occupants
- For industrial/commercial properties, a person that is knowledgeable of the Site activities (to be conducted on-site)
- Where the owner/occupant is not available, at least one owner or occupant of an adjacent property and one provincial or municipal government official, both of whom should be familiar with the Site

An interview was conducted with Mr. Omar Ben Hadda, Construction Project Manager for the Site and knowledgeable of the Site for approximately eight years. The information provided was used to inform the Site Reconnaissance and is distributed throughout Appendix C below.

As described in Section 4.2.5, FOI requests were submitted to the Ministry and the TSSA for information they may have on file pertaining to the Site. Responses to the FOI requests and/or response are documented in Section 4.2.5.

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6.0 Site Reconnaissance

6.1 General Requirements

Mr. Dave Labelle, B.A., EP, conducted a site reconnaissance on September 13, 2024. At the time of the reconnaissance, the Site was largely unoccupied, with the exception of a lay down area for construction of the surrounding area. Mr. Labelle also conducted a walk-by of the surrounding properties in the Phase One study area to identify potential off-site PCAs that may contribute to an APEC on the Phase One Property. Surrounding properties were viewed from publicly accessible areas.

During the Site reconnaissance, the weather was hot and sunny with no precipitation. The entire Phase One Property was accessible, and all aspects of the property were inspected. Information obtained from the site reconnaissance is presented in Section 6.0. Select photographs taken during the site reconnaissance are included in Appendix H.

6.2 Specific Observations at Phase One Property

Cambium made all reasonable attempts to obtain the following information where applicable, as required by Schedule D, subsection 13 (1) of O.Reg. 153/04:

1. A general description of structures and other improvements, including the number and age of buildings
2. A general description of the number, age and depth of below ground structures
3. Details of all tanks, above and below ground, at the Phase One Property, including the material and method of construction of the tank, tank age, tank contents and tank volume, whether in use or not
4. Any potable and non-potable water sources
5. The type and approximate location of underground utility and service corridors, such as sewer, water, electrical or gas lines, located on, in or under the Phase One Property

With respect to the structures and buildings on the Site, the following information was obtained:

1. Exit and entry points

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2. Details of existing and former heating systems, including type and fuel source
3. Details of cooling systems, including type and fuel source, if any
4. Details of any drains, pits and sumps, including their current use, if any, and former use
5. Details of any unidentified substances
6. Details, including locations, of stains or corrosion on floors other than from water, where located near a drain, pit, sump, crack or other potential discharge location.

Inquiries were also made to determine the following

7. Details including locations of current and former wells, including all wells described or defined in or under the *Ontario Water Resources Act and the Oil, Gas and Salt Resources Act*
8. Details of sewage works, including their location
9. Details of ground surface, including type of ground cover, such as grass, gravel, soil or pavement
10. Details of current or former railway lines or spurs and their locations

For the portion of the Phase One Property not covered by structures and buildings, the following observations were made:

1. Areas of stained soil, vegetation or pavement
2. Stressed vegetation
3. Areas where fill and debris materials appear to have been placed or graded
4. Potentially contaminating activity
5. Details of any unidentified substances found at the Phase One Property

The following is a description of the various points of investigation noted during the Site reconnaissance conducted for the Phase One ESA. All observations made during the Site reconnaissance are discussed in the following sections in detail regarding any findings that are relevant to identifying PCAs and APECs.

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6.2.1 Structures and Other Improvements

The Site consists of one building located on the west-central portion of the Site and is currently a vacant residential building. The building was reportedly constructed in the early 1970s.

6.2.2 Underground Utility and Service Corridors

The Site is serviced by municipal utilities (e.g. electricity, natural gas, water, sewer, communications); however, the exact locations of the underground utilities was not determined at this time.

6.2.3 Storage Tanks – Above Ground and Underground

No evidence of ASTs or USTs were observed at the Site. However, based on Cambium's historical review of previous environmental reports (refer to Section 4.1.5), three former ASTs were present on-site (located adjacent to a former on-site building) and are PCAs that contribute to APECs.

6.2.4 Oil/Water Separators

No oil/water separators were observed or reported at the Site.

6.2.5 Potable Water Sources

The Phase One study area is municipally serviced for drinking water. No drinking water wells were observed on the Site and no records of drinking water wells at the Site were identified by the records review, with the exception of a historical water supply well installed on-site in 1972. The stratigraphy of the well consisted of clay to about 29 mbgs, overlying gravel to about 35 mbgs. At the time of Cambium's site visit, the Site was serviced by municipal services and the drinking water well was no longer in use. The Phase One study area is not within a well-head protection area. The City of Ottawa obtains drinking water from the Ottawa River.

In addition, multiple records of drinking water wells within the Phase One study area were identified by the records review.

6.2.6 Entry and Exit Points

The Site is accessible from the west via a driveway from Mer Bleue Road.

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6.2.7 Heating and Cooling Systems

Heating within the building was observed as natural gas-fired heating, and the cooling system was observed as an electric AC unit.

6.2.8 Drains, Pits, and Sumps

No sumps, drains, pits, or lagoons were observed or reported at the Site.

6.2.9 Unidentified Substances

No unidentified substances were observed or reported at the Site.

6.2.10 Current and Former Wells

No drinking water or environmental monitoring wells were observed at the Site; however, as noted in Section 4.2.2, a potable drinking well was installed on the south portion of the Site in 1972. In addition, previous investigations completed at the Site (refer to Section 4.1.5), indicated that 5 groundwater monitoring wells were installed on-site.

6.2.11 Septic Fields

A septic field was observed to the west of the Site Building and encompasses the majority of the raised grassed area. In addition, based on Cambium's historical review of previous investigations (refer to Section 4.1.5), a septic tank was located adjacent to the west of a former residential dwelling at 2419 Mer Bleue Road.

6.2.12 Ground Surface Conditions

The following ground surface covers were observed in the Site:

- Gravel cover was observed on south portion of the Site.
- Asphalt/pavement driveways were observed in the west-central and southwest portions of the Site.
- Grass cover was observed on the north portion of the Site.
- Mature trees were observed along the west property boundaries.

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It is anticipated that the parking lot and walkway areas are salted in the winter months for de-icing. The application of salt is a PCA that contributes to an APEC.

6.2.13 Railway Lines or Spurs

No railway lines or evidence of former railway lines were observed or reported in the Study Area.

6.2.14 Stained Soil, Vegetation, or Pavement

No surface staining was observed at the Site.

6.2.15 Stressed Vegetation

No areas of stressed vegetation were observed on the Site.

6.2.16 Fill and Debris Materials

As noted in Section 4.1.5, fill material was noted during previous investigations at the Site to a maximum depth of about 1.37 mbgs. Therefore, it is anticipated fill material of unknown quality is present on the south portion of the Site and is a PCA that contributes to an APEC.

6.2.17 Unidentified and Other Hazardous Substances

No unidentified substances were observed at the Site.

6.2.18 Adjacent Land Uses and Environmental Concerns

Adjacent property uses include:

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North	Residential
South	Residential followed by vacant undeveloped land.
East	Institutional building under development (i.e., school) followed by residential.
West	Mer Bleue Road followed by vacant undeveloped land, residential and commercial.

No PCAs were identified based on operations at the adjacent properties.

6.2.19 Enhanced Investigation Property

Review of the Site history indicated the Site is not an Enhanced Investigation Property.

6.3 Written Description of Investigation

This Phase One ESA included a review of historical documents, an interview with a person knowledgeable about the historical and current uses of the Site, and a site reconnaissance to observe existing site conditions.

A reconnaissance of the Site was conducted to examine the exterior portions of the Site. Access was available throughout the Site. Any evidence of USTs and ASTs was documented. The Site was examined for evidence of utilities and related infrastructure; water wells; site drainage and related infrastructure; stained areas; stressed vegetation; and evidence of fill material.

The reconnaissance included an examination of all properties within the Phase One study area from public access ways to document and characterize PCAs, water bodies, and areas of natural significance.

Further to the description of the investigations outlined above, the findings that are relevant to the existence of an APEC or PCA are described in Section 7.0

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7.0 Review and Evaluation of Information

7.1 Current and Past Uses

Based on the available aerial photography, city directories, Insurance Inspection Report and the Chain of Title report, Table *1* summarizes the current and past uses, and ownership identified.

Table 1 - Table of Current and Past Uses of the Phase One Property

Year	Name of Owner	Description of Property Use	Property Use[1]	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
Prior to 1826	Crown	Vacant	Agriculture or other use	Understood to be vacant land with the possibility of agricultural land.
1826	Margaret Cozens	Vacant	Agriculture or other use	None
1854	Joseph Hensall and Jean Hensall	Vacant	Agriculture or other use	None
1867	Antoine Brunet	Vacant	Agriculture or other use	None
1880	Roderick McDonald	Vacant	Agriculture or other use	None
1905	Michael Boyer (Sr.)	Vacant	Agriculture or other use	None
1912	Joseph Boyer	Vacant	Agriculture or other use	None
1917	Joseph D. Forget	Vacant	Agriculture or other use	None
1919	Honore Bourcier	Vacant	Agriculture or other use	None
1921	Albert Legault	Vacant	Agriculture or other use	None
1932	Wilfred Gratton	Residential and agricultural	Agriculture or other use, and Residential use	Based on Chain of Title and a 2007 Insurance Inspection Report.
1933	Jane Farmer and Thomas David Farmer	Residential and agricultural	Agriculture or other use, and Residential use	None
1938	Leonard Hewston	Residential and agricultural	Agriculture or other use, and Residential use	None

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Year	Name of Owner	Description of Property Use	Property Use[1]	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1939	Gerard Farmer	Residential and agricultural	Agriculture or other use, and Residential use	None
1949	Gilberte Bisson	Residential and agricultural	Agriculture or other use, and Residential use	None
1957	Floribert Bourcier	Residential and agricultural	Agriculture or other use, and Residential use	None
1971	Lousi Bisson and Jean Bisson	Residential and agricultural	Agriculture or other use, and Residential use	Based on a 1965 aerial photograph.
1984-present	Marcel Bisson	Residential and agricultural	Agriculture or other use, and Residential use	None
1993	Louis Bisson	Residential and agricultural	Agriculture or other use, and Residential use	None
1995	Raymonde Bisson and Louis Bisson	Residential and agricultural	Agriculture or other use, and Residential use	None
2015	Mattamy (Mer Bleue) Limited	Residential and agricultural	Agriculture or other use, and Residential use	None
2017	Raymonde Bisson and Louis Bisson	Residential and agricultural	Agriculture or other use, and Residential use	None
2017-present	Conseil des écoles publiques de l'Est de l'Ontario	Residential and agricultural	Agriculture or other use, and Residential use	None

Notes:

1. for each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies:

Agriculture or other use
Commercial use
Community use
Industrial use
Institutional use
Parkland use
Residential use

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7.2 Potentially Contaminating Activity

Cambium reviewed information available for the Phase One study area to identify environmental issues normally assessed in a Phase One ESA. The Phase One ESA identified 8 PCAs (8 on-site and none off-site) within the Phase One study area. Refer to Table *2* in Section 7.4.5 for further description of the identified PCAs and Figure 3 for locations of the identified PCAs.

7.3 Areas of Potential Environmental Concern

As required by O.Reg. 153/04, all on-site PCAs contributed to an APEC. There were no PCAs identified in the surrounding area. Refer to Table *3* in Section 7.4.6 for APEC details and Figure 4 for APEC locations.

7.4 Phase One Conceptual Site Model

The following descriptions and discussion supplement Figure 3 and Figure 4, and together comprise the Phase One Conceptual Site Model (CSM). The purpose of the CSM is to assist the QP in illustrating the results of the Phase One ESA and to provide a basis for further work, if required.

7.4.1 Site Description

The Site description includes:

- The Site is located at 2405 and 2419 Mer Bleue Road in Ottawa, Ontario
- UTM coordinates are Zone 18T, 461436 m E, 5031623 m N
- The Site is on the east side of Mer Bleue Road and approximately 90 m south of the intersection of Mer Bleue Road and Renaud Road.

7.4.2 Existing Buildings and Structures

The Site consists of one building located on the west-central portion of the Site and is currently a vacant residential building. The building was reportedly constructed in the early 1970s.

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Based on Cambium's review of historical aerial photographs and previous investigations at the Site (refer to Sections 4.3.1 and 4.1.5, respectively), three former buildings were located on the south portion of the Site. As previously noted, the former on-site operations and ASTs identified with the former buildings are PCAs that contribute to APECs.

7.4.3 Water Bodies and Areas of Natural Significance

The closest water body to the Site is a tributary of McKinnon's Creek, about 660 m northeast of the Site, which flows southeast into Bear Brook, which flows east into the South Nation River. The provincially significant wetland, Mer Bleue Bog, is located 1950 m south of the Site. Therefore, the Site is not within 30 m of a water body, as defined in O.Reg. 153/04.

The Phase One study area is not considered an area of natural significance as defined in Section 1 of O.Reg. 153/04

7.4.4 Drinking Water Wells

The Phase One study area is municipally serviced for drinking water. No drinking water wells were observed on the Site and no records of drinking water wells at the Site were identified by the records review, with the exception of a historical water supply well installed on-site in 1972. At the time of Cambium's site visit, the Site was serviced by municipal services and the drinking water well was no longer in use. The Phase One study area is not within a well-head protection area. The City of Ottawa obtains drinking water from the Ottawa River.

A search of the Ministry Water Well Information System by ERIS identified two records for on-site water wells and nine water well records within the Phase One study area ranging from about 15 m to 250 m from the Site. The wells were identified as domestic water supply.

7.4.5 Potentially Contaminating Activities

Based on the review and evaluation, 8 PCAs (8 on-site and none off-site) were identified within the Phase One Study Area. Refer to Table 2 for PCA details and Figure 3 for locations.

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Table 2 - Potentially Contaminating Activities

PCA ID #	Potentially Contaminating Activity[1]	Location of PCA	PCA Description	APEC[2] (Yes/No)
1	PCA #30: Importation of Fill Material of Unknown Quality	On-site, south portion of the Site	Based on previous operations at the Site (i.e., landscaping) fill material of unknown quality was imported to the Site	Yes
2	PCA #28: Gasoline and Associated Products Storage in Fixed Tanks	On-site, south portion of the Site	A former 1,360 L gasoline AST, based on a review of a 2007 Insurance Inspection report	Yes
3	PCA #28: Gasoline and Associated Products Storage in Fixed Tanks	On-site, south portion of the Site	A former 2,200 L diesel AST, based on a review of a 2007 Insurance Inspection report	Yes
4	PCA #27: Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-site, former building located on the south-central portion of the Site	Former tenant conducted personal automotive repair/servicing operations based on a review of a 2007 Insurance Inspection report	Yes
5	Not Applicable: Known soil impacts at the Site	On-site, south portion of the Site	Based on the results of a previous Phase Two ESA completed at the Site in 2018.	Yes
6	Not Applicable: Known groundwater impacts at the Site	On-site, central portion of the Site	Based on the results of a previous Phase Two ESA completed at the Site in 2018.	Yes
7	Not Applicable: Known groundwater impacts at the Site	On-site, central portion of the Site	Based on the results of a previous Phase Two ESA completed at the Site in 2018.	Yes
8	Not Applicable: Known groundwater impacts at the Site	On-site, south-central portion of the Site	Based on the results of a previous Phase Two ESA completed at the Site in 2018.	Yes

Notes

1. Potentially Contaminating Activity (PCA) means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in the Phase One study area.

2. Area of Potential Environmental Concern (APEC) means the area on, in, or under a Phase One Property where one or more contaminants are potentially present.

7.4.6 Areas of Potential Environmental Concern

All on-site PCAs contributed to an APEC. Refer to Table *3* for APEC details and Figure 4 for APEC locations.

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Table 3 - Areas of Potential Environmental Concern

APEC[1]	Location of APEC on Phase One Property	PCA[2]		Location of PCA	Contaminants of Potential Concern[3]
1	South portion of the Site	1	PCA #30: Importation of Fill Material of Unknown Quality	On-site, south portion of the Site	PHCs, BTEX, PAHs, metals, hydride-forming metals, B-HWS, Cr(VI), Hg, CN, pH, EC and SAR
2	South portion of the Site	2	PCA #28: Gasoline and Associated Products Storage in Fixed Tanks	On-site, south portion of the Site	PHCs, BTEX, PAHs and metals
3	South portion of the Site	3	PCA #28: Gasoline and Associated Products Storage in Fixed Tanks	On-site, south portion of the Site	PHCs, BTEX, PAHs and metals
4	South-central portion of the Site	4	PCA #27: Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-site, former building located on the south-central portion of the Site	PHCs, BTEX, VOCs, PAHs and metals
5	South portion of the Site	5	Not Applicable: Known soil impacts at the Site	On-site, south portion of the Site	SAR, EC and boron (available)
6	Central portion of the Site	6	Not Applicable: Known groundwater impacts at the Site	On-site, central portion of the Site	Chloride and sodium
7	Central portion of the Site	7	Not Applicable: Known groundwater impacts at the Site	On-site, central portion of the Site	Chloride and sodium
8	South-central portion of the Site	8	Not Applicable: Known groundwater impacts at the Site	On-site, south-central portion of the Site	Chloride, sodium, benzo(a)pyrene, chrysene and fluoranthene

Notes:

1. Area of Potential Environmental Concern (APEC) means the area on, in, or under a Phase One Property where one or more contaminants are potentially present.

2. Potentially Contaminating Activity (PCA) means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in the Phase One study area.

3. Method groups as defined in Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011

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7.4.7 Contaminants of Potential Concern

COPCs were identified for each PCA contributing to an APEC. The COPCs specific to each APEC are summarized in Table 3. PHCs, VOCs including (BTEX), (PAHs), metals, hydride-forming metals, and ORPs including B-HWS, Cr(VI), Hg, cyanide, chloride, sodium, pH, EC, and SAR. were identified as COPCs related to the current and historical on-site PCAs.

7.4.8 Contaminant Distribution and Transport

Various underground utilities (i.e., natural gas, electricity, and communications) were identified under the Site. Contaminant distribution and transport may be influenced by the presence of utility trenches that were historically present on the Site.

No specific climatic or meteorological conditions were observed that may influence the distribution or migration of contaminants.

7.4.9 Geological and Hydrogeological Setting

Review of a topographic map (MNRF, 2024) indicates that the Site and surrounding area are generally level with a gentle slope down to the northeast toward a tributary of McKinnon's Creek which flows southeast.

The Site is within a physiographic region characterized by clay plains (Chapman & Putnam, 1984). In the general area, the overburden is silt and clay, minor sand and gravel (OGS, 2010). The soils overlie shale, limestone, dolostone, and/or siltstone of the Ottawa Group; Simcoe Group and Shadow Lake formations (OGS, 2007).

Gemtec identified the following soil profile at the Site during a Phase II ESA (Gemtec, 2018):

- Stratigraphy at the Site consists primarily of silty clay to 10.37 mbgs, with the exception of fill material (silty sand, gravel and asphalt) observed in BH-18-1, BH-18-2, BH-18-3 and BH-18-4 to a depth ranging between approximately 0.61 m and 1.37 mbgs.

Groundwater measurements collected at the Site ranged between 0.31 m (BH-19-6) and 1.99 mbgs (BH-18-3).

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7.4.10 Uncertainty or Absence of Information

All aspects of the Phase One ESA were conducted consistent with O.Reg. 153/04, and as such, the Site was investigated thoroughly. As access to the entire Site was possible, and adequate historical information was available through the interviewee's, records review, and FOI requests, uncertainty or absence of information is not expected to result in environmental concerns at the Site.

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8.0 Conclusions

The Phase One ESA conclusions regarding the current environmental conditions at the Site are based solely on the results of the document review, regulatory records review, interviews, and site reconnaissance as described in this report.

8.1 Requirement for a Phase Two Environmental Site Assessment

Based on the observations and information obtained for the Site and Phase One study area, a Phase Two ESA is required to support the Site Plan Application.

8.2 Signatures

This Phase One ESA was completed by Mr. Dave Labelle, B.A., EP, under the supervision of Ms. Sheila Barter, P.Geo., QP$_{ESA}$, as per O.Reg. 153/04. Information presented in this report is true and accurate to the best of the assessors' knowledge.

Respectfully submitted,

Cambium Inc.

DocuSigned by:

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Dave Labelle, B.A., EP
Coordinator

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Signed by:

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Sheila Barter, P.Geo., QP$_{ESA}$
Senior Project Manager

2025-04-04

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10.0 Standard Limitations

Limited Warranty

In performing work on behalf of a client, Cambium relies on its client to provide instructions on the scope of its retainer and, on that basis, Cambium determines the precise nature of the work to be performed. Cambium undertakes all work in accordance with applicable accepted industry practices and standards. Unless required under local laws, other than as expressly stated herein, no other warranties or conditions, either expressed or implied, are made regarding the services, work or reports provided.

Reliance on Materials and Information

The findings and results presented in reports prepared by Cambium are based on the materials and information provided by the client to Cambium and on the facts, conditions and circumstances encountered by Cambium during the performance of the work requested by the client. In formulating its findings and results into a report, Cambium assumes that the information and materials provided by the client or obtained by Cambium from the client or otherwise are factual, accurate and represent a true depiction of the circumstances that exist. Cambium relies on its client to inform Cambium if there are changes to any such information and materials. Cambium does not review, analyze or attempt to verify the accuracy or completeness of the information or materials provided, or circumstances encountered, other than in accordance with applicable accepted industry practice. Cambium will not be responsible for matters arising from incomplete, incorrect or misleading information or from facts or circumstances that are not fully disclosed to or that are concealed from Cambium during the provision of services, work or reports.

Facts, conditions, information and circumstances may vary with time and locations and Cambium's work is based on a review of such matters as they existed at the particular time and location indicated in its reports. No assurance is made by Cambium that the facts, conditions, information, circumstances or any underlying assumptions made by Cambium in connection with the work performed will not change after the work is completed and a report is submitted. If any such changes occur or additional information is obtained, Cambium should be advised and requested to consider if the changes or additional information affect its findings or results.

When preparing reports, Cambium considers applicable legislation, regulations, governmental guidelines and policies to the extent they are within its knowledge, but Cambium is not qualified to advise with respect to legal matters. The presentation of information regarding applicable legislation, regulations, governmental guidelines and policies is for information only and is not intended to and should not be interpreted as constituting a legal opinion concerning the work completed or conditions outlined in a report. All legal matters should be reviewed and considered by an appropriately qualified legal practitioner.

Site Assessments

A site assessment is created using data and information collected during the investigation of a site and based on conditions encountered at the time and particular locations at which fieldwork is conducted. The information, sample results and data collected represent the conditions only at the specific times at which and at those specific locations from which the information, samples and data were obtained and the information, sample results and data may vary at other locations and times. To the extent that Cambium's work or report considers any locations or times other than those from which information, sample results and data was specifically received, the work or report is based on a reasonable extrapolation from such information, sample results and data but the actual conditions encountered may vary from those extrapolations.

Only conditions at the site and locations chosen for study by the client are evaluated; no adjacent or other properties are evaluated unless specifically requested by the client. Any physical or other aspects of the site chosen for study by the client, or any other matter not specifically addressed in a report prepared by Cambium, are beyond the scope of the work performed by Cambium and such matters have not been investigated or addressed.

Reliance

Cambium's services, work and reports may be relied on by the client and its corporate directors and officers, employees, and professional advisors. Cambium is not responsible for the use of its work or reports by any other party, or for the reliance on, or for any decision which is made by any party using the services or work performed by or a report prepared by Cambium without Cambium's express written consent. Any party that relies on services or work performed by Cambium or a report prepared by Cambium without Cambium's express written consent, does so at its own risk. No report of Cambium may be disclosed or referred to in any public document without Cambium's express prior written consent. Cambium specifically disclaims any liability or responsibility to any such party for any loss, damage, expense, fine, penalty or other such thing which may arise or result from the use of any information, recommendation or other matter arising from the services, work or reports provided by Cambium.

Limitation of Liability

Potential liability to the client arising out of the report is limited to the amount of Cambium's professional liability insurance coverage. Cambium shall only be liable for direct damages to the extent caused by Cambium's negligence and/or breach of contract. Cambium shall not be liable for consequential damages.

Personal Liability

The client expressly agrees that Cambium employees shall have no personal liability to the client with respect to a claim, whether in contract, tort and/or other cause of action in law. Furthermore, the client agrees that it will bring no proceedings nor take any action in any court of law against Cambium employees in their personal capacity.

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Appended Figures

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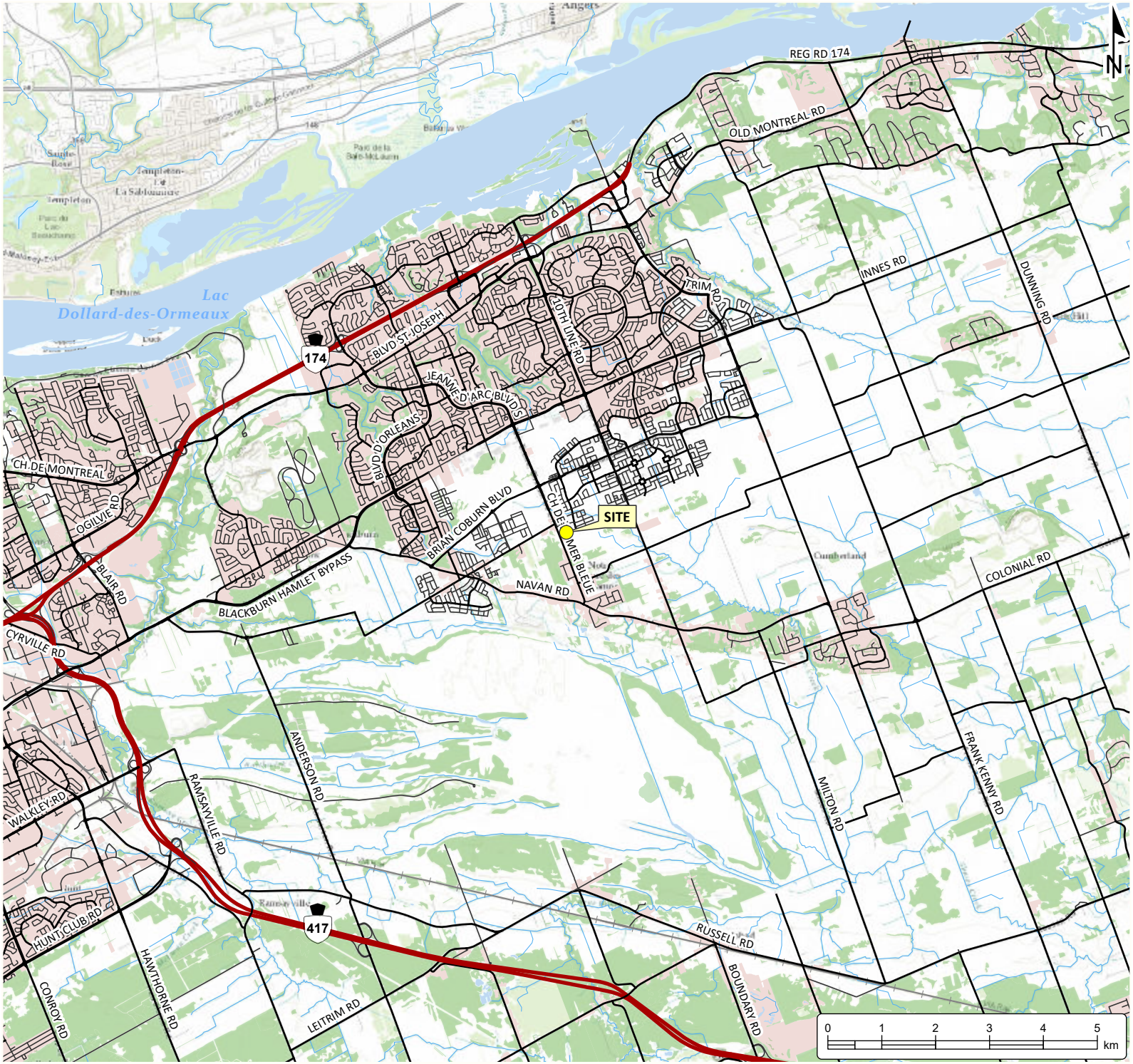

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO

2405 and 2419 Mer Bleue Road
Orléans, Ontario

LEGEND

- Highway
- Major Road
- Minor Road
- Railway
- Watercourse
- Built Up Area
- Wooded Area
- Water Area

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SITE LOCATION PLAN

Project No.: 20361-003	Date: April 2025 Rev.:	
Scale: 1:100,000	Projection: NAD 1983 UTM Zone 18N	
Created by: TLC	Checked by: KF	Figure: 1

O:\GIS\MXDs\20300-20399\20361-003 CEPEO - MSP - 2405 chemin Mer Bleue\2024-09-12 Phase One ESA.aprx

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PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO

2405 and 2419 Mer Bleue Road
Orléans, Ontario

LEGEND

Site (approximate)

LAND USE

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SITE PLAN AND SURROUNDING LAND USE

Project No.: 20361-003	Date: April 2025 Rev.:	
Scale: 1:5,000	Projection: NAD 1983 UTM Zone 18N	
Created by: TLC	Checked by: KF	Figure: 2

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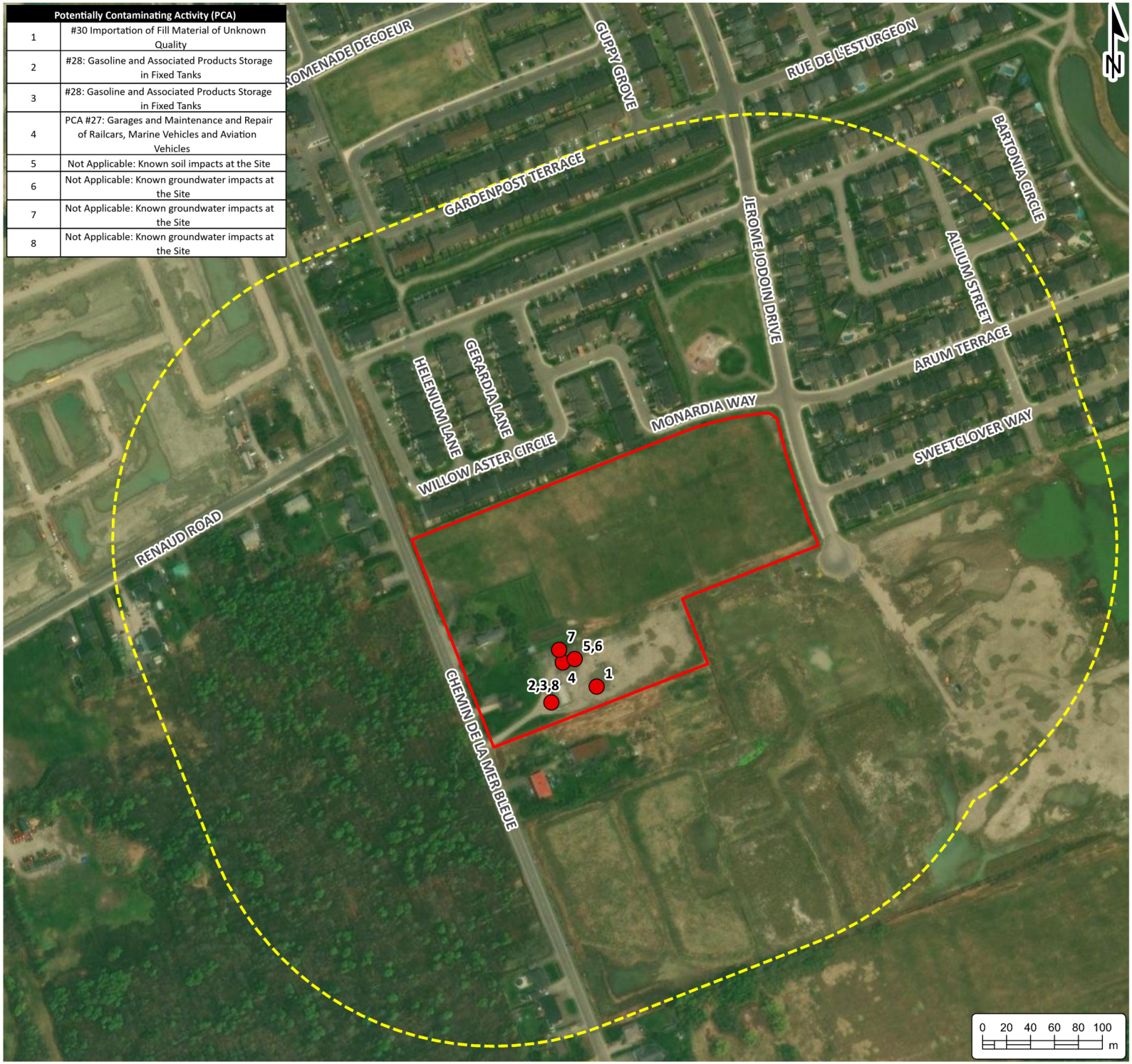
Potentially Contaminating Activity (PCA)	
1	#30 Importation of Fill Material of Unknown Quality
2	#28: Gasoline and Associated Products Storage in Fixed Tanks
3	#28: Gasoline and Associated Products Storage in Fixed Tanks
4	PCA #27: Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
5	Not Applicable: Known soil impacts at the Site
6	Not Applicable: Known groundwater impacts at the Site
7	Not Applicable: Known groundwater impacts at the Site
8	Not Applicable: Known groundwater impacts at the Site



PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO
2405 and 2419 Mer Bleue Road
Orléans, Ontario

LEGEND

Potentially Contaminating Activity:

- Does Not Contribute to APEC
- Contributes to APEC
- 250m Study Area
- Site (approximate)

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CONCEPTUAL SITE MODEL PHASE ONE STUDY AREA

Project No.: 20361-003	Date: April 2025 Rev.:	
Scale: 1:4,500	Projection: NAD 1983 UTM Zone 18N	
Created by: TLC	Checked by: KF	Figure: 3

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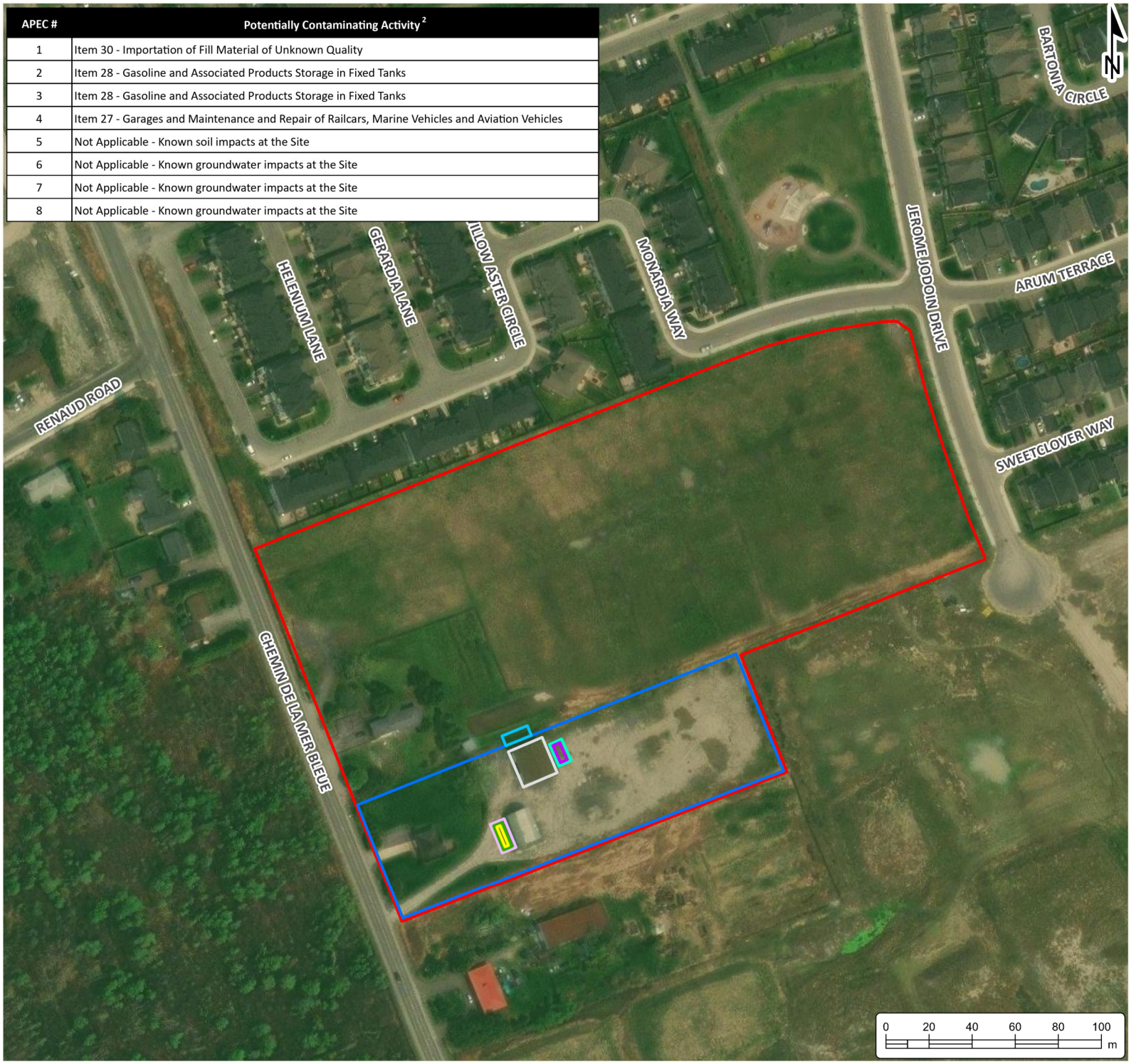
APEC #	Potentially Contaminating Activity[2]
1	Item 30 - Importation of Fill Material of Unknown Quality
2	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks
3	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks
4	Item 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
5	Not Applicable - Known soil impacts at the Site
6	Not Applicable - Known groundwater impacts at the Site
7	Not Applicable - Known groundwater impacts at the Site
8	Not Applicable - Known groundwater impacts at the Site



PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO
2405 and 2419 Mer Bleue Road
Orléans, Ontario

LEGEND

Site (approximate)

Area of Potential Environmental Concern:

- APEC 1
- APEC 2
- APEC 3
- APEC 4
- APEC 5
- APEC 6
- APEC 7
- APEC 8

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CONCEPTUAL SITE MODEL PHASE ONE SITE PLAN

Project No.: 20361-003	Date: April 2025 Rev.:	
Scale: 1:2,500	Projection: NAD 1983 UTM Zone 18N	
Created by: TLC	Checked by: KF	Figure: 4

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PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO

2405 and 2419 Mer Bleue Road
Orléans, Ontario

LEGEND

Site (approximate)

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1965 AERIAL IMAGERY

Project No.: 20361-003	Date: April 2025 Rev.:	
Scale: 1:5,000	Projection: NAD 1983 UTM Zone 18N	
Created by: TLC	Checked by: KF	Figure: 5

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PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO

2405 and 2419 Mer Bleue Road
Orléans, Ontario

LEGEND

Site (approximate)

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1976 AERIAL IMAGERY

Project No.: 20361-003	Date: April 2025 Rev.:	
Scale: 1:5,000	Projection: NAD 1983 UTM Zone 18N	
Created by: TLC	Checked by: KF	Figure: 6

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Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO

2405 and 2419 Mer Bleue Road
Orléans, Ontario

LEGEND

Site (approximate)

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1987 AERIAL IMAGERY

Project No.: 20361-003	Date: April 2025	Rev.:
Scale: 1:5,000	Projection: NAD 1983 UTM Zone 18N	
Created by: TLC	Checked by: KF	Figure: 7

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PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO

2405 and 2419 Mer Bleue Road
Orléans, Ontario

LEGEND

Site (approximate)

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1991 AERIAL IMAGERY

Project No.: 20361-003	Date: April 2025 Rev.:	
Scale: 1:5,000	Projection: NAD 1983 UTM Zone 18N	
Created by: TLC	Checked by: KF	Figure: 8

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PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO

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LEGEND

Site (approximate)

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2002 AERIAL IMAGERY

Project No.: 20361-003	Date: April 2025 Rev.:	
Scale: 1:5,000	Projection: NAD 1983 UTM Zone 18N	
Created by: TLC	Checked by: KF	Figure: 9

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PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO

2405 and 2419 Mer Bleue Road
Orléans, Ontario

LEGEND

Site (approximate)

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2014 AERIAL IMAGERY

Project No.: 20361-003	Date: April 2025 Rev.:	
Scale: 1:5,000	Projection: NAD 1983 UTM Zone 18N	
Created by: TLC	Checked by: KF	Figure: 10

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PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO

2405 and 2419 Mer Bleue Road
Orléans, Ontario

LEGEND

Site (approximate)

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2023 AERIAL IMAGERY

Project No.: 20361-003	Date: April 2025 Rev.:	
Scale: 1:5,000	Projection: NAD 1983 UTM Zone 18N	
Created by: TLC	Checked by: KF	Figure: 11

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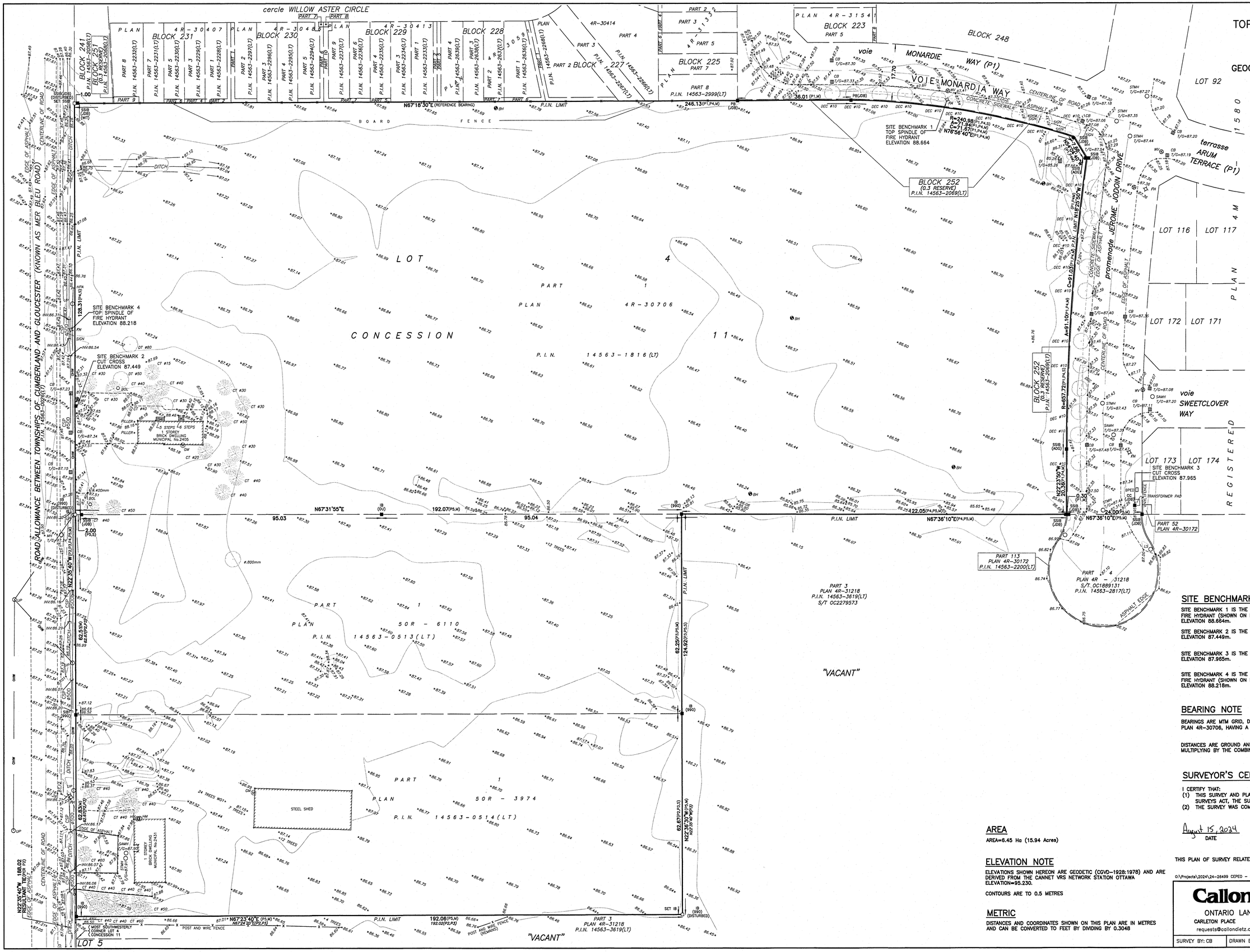
Appendix A

Plan of Survey

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55



TOPOGRAPHIC PLAN OF SURVEY
OF PART OF
LOT 4
CONCESSION 11
GEOGRAPHIC TOWNSHIP OF CUMBERLAND
CITY OF OTTAWA

SCALE 1:500

GEORGE N. BRACKEN
ONTARIO LAND SURVEYOR

20 15 10 5 0 10 20
(SCALE IN METRES)

LEGEND:

□	DENOTES	SURVEY MONUMENT SET
■	"	SURVEY MONUMENT FOUND
SIB	"	STANDARD IRON BAR
SSIB	"	SHORT STANDARD IRON BAR
PB	"	PLASTIC BAR
M	"	MEASURED
S	"	SET
CP	"	CONCRETE PIN
OU	"	ORIGIN UNKNOWN
BH	"	BOREHOLE
BOLL	"	BOLLARD
BPED	"	BELL PEDESTAL
CB	"	CATCH BASIN
DI	"	DITCH INLET
FH	"	FIRE HYDRANT TOP OF SPINDLE
LS	"	LAMP STANDARD
MH	"	MANHOLE
MW	"	MONITORING WELL
SMH	"	STORM MANHOLE
SNMH	"	SANITARY MANHOLE
SN	"	MISCELLANEOUS STREET SIGN
T/G	"	TOP OF GRATE
UP	"	UTILITY POLE
WV	"	WATER VALVE
P1	"	PLAN 4M-1580
P2	"	PLAN 50R-3974
P3	"	PLAN 50R-6110
P4	"	PLAN 4R-30706
P5	"	PLAN 4R-31218
AOG	"	ANNIS, O'SALLIVAN, VOLLEBEKK LTD.
JDB	"	J. D. BARNES LIMITED
990	"	PAYETTE, HIMMA, DELORME LTD.
DEC ø10	"	DECIDUOUS TREE 0.1m. DIAMETER
CON ø20	"	CONIFEROUS TREE 0.2m. DIAMETER

SITE BENCHMARKS

SITE BENCHMARK 1 IS THE TOP SPINDLE OF A FIRE HYDRANT (SHOWN ON PLAN) ELEVATION 88.664m.

SITE BENCHMARK 2 IS THE CUT CROSS (SHOWN ON PLAN) ELEVATION 87.449m.

SITE BENCHMARK 3 IS THE CUT CROSS (SHOWN ON PLAN) ELEVATION 87.965m.

SITE BENCHMARK 4 IS THE TOP SPINDLE OF A FIRE HYDRANT (SHOWN ON PLAN) ELEVATION 88.218m.

BEARING NOTE

BEARINGS ARE MTM GRID, DERIVED FROM THE NORTHERLY LIMIT OF PART 1 PLAN 4R-30706, HAVING A GRID BEARING OF N67°18'30"E

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999968.

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:
(1) THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.
(2) THE SURVEY WAS COMPLETED ON THE 12TH DAY OF AUGUST, 2024

August 15, 2024
DATE

GEORGE N. BRACKEN
ONTARIO LAND SURVEYOR

AREA

AREA=6.45 Ha (15.94 Acres)

ELEVATION NOTE

ELEVATIONS SHOWN HEREON ARE GEODETIC (CGVD-1928:1978) AND ARE DERIVED FROM THE CANNET VRS NETWORK STATION OTTAWA ELEVATION=95.230.

CONTOURS ARE TO 0.5 METRES

METRIC

DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-81967.

O:\Projects\2024\24-26499 CEPEO - 3 Schools\Drawings\Orleans\24-26499 ORLEANS C3D TOPO.dwg August 15, 2024

Callon Dietz INCORPORATED
ONTARIO LAND SURVEYORS
CARLETON PLACE LONDON NORTH BAY
requests@callondietz.com callondietz.com

ISO 9001 REGISTERED

SURVEY BY: CB	DRAWN BY: DK	FILE No: 24-26499	PLAN No: X-3811

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Appendix B

Opta

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

opta
INFORMATION INTELLIGENCE

enviroscan

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 1 877 244 9437
W: optaintel.ca

Nate

Site Address:

2405, 2419 & 2431 Mer Bleue Road, Orleans, ON

Requested by:
Eleanor Goolab
ERIS

Project No:
24090500762

Date Completed:
9/12/2024 1:59:25 PM

Opta Order ID:

149044

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Project Name: 24052419 Mer Bleue Rd Orleans

Project #: 24090500762
P.O. #: 20361003

ENVIROSCAN Report

Search Area: 2405, 2419 & 2431 Mer Bleue Road, Orleans, ON

Requested by:
Eleanor Goolab
Date Completed: 09/12/2024 13:59:25

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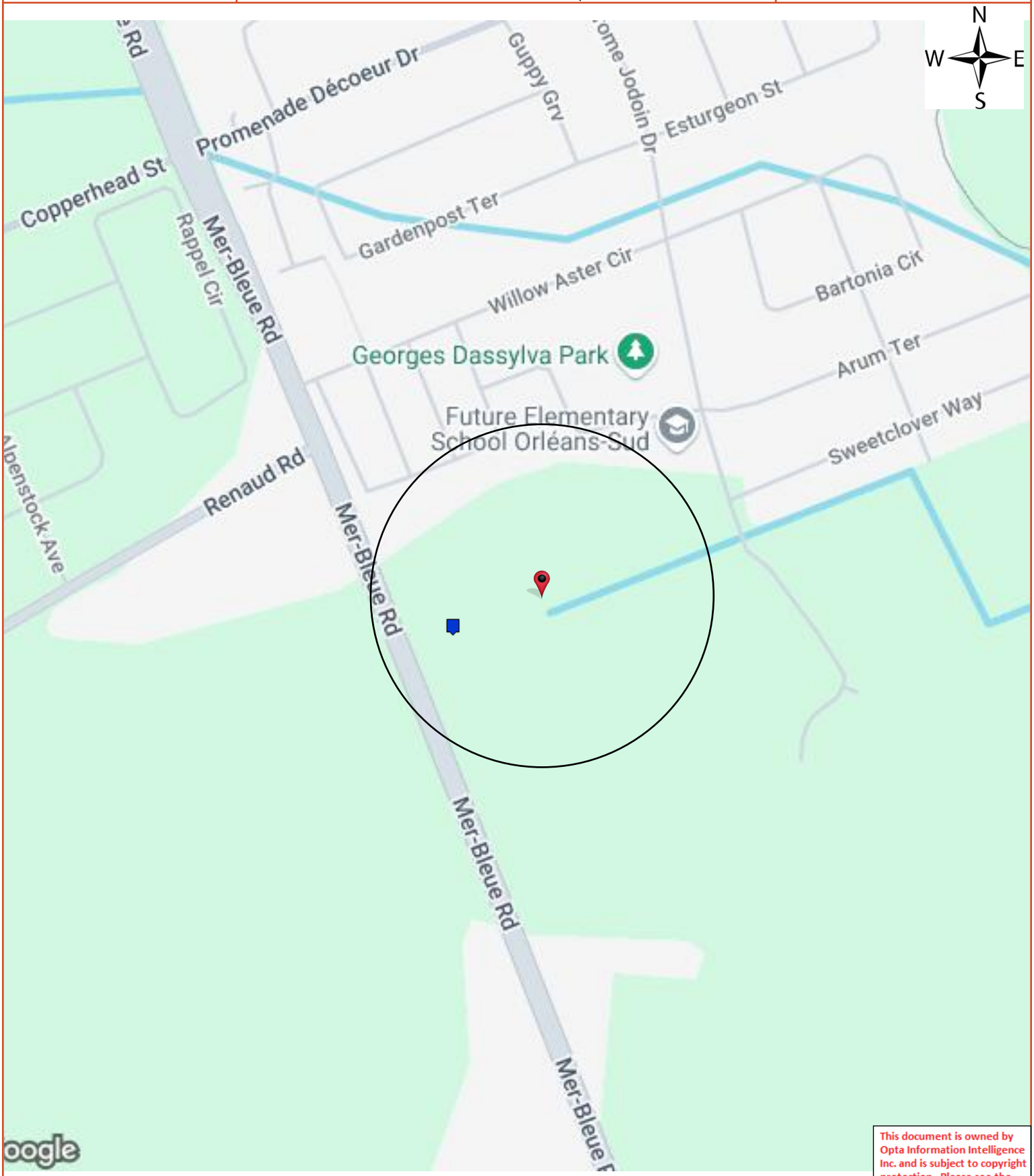

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Report

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Report Index

Requested by:
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Page	Report Title
5	(2007) All Risk Report - 2007 FRANCOIS BERUBE AND DENIS BRULE Rear of 2419 Mer Bleue Road (Building # 1) Ottawa (Former Orleans) ON K4A3V1 (distance = 134 metres*)

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All Risk Report - 2007 FRANCOIS BERUBE AND DENIS BRULE Rear of 2419 Mer Bleue Road (Building # 1) Ottawa (Former Orleans) ON K4A3V1

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CGI All Risk
INSPECTION REPORT

Supplement/s attached: ☒ Yes # of : 1 ☐ No

1.0 BASIC INFORMATION

Insured:	Francois Berube and Denis Brule	**Policy Number**	
Date of survey (YYYY/MM/DD):	2007/06/28	**CGI Loss Control Specialist:**	Luc McCann C.I.P., C,C.F.I.-C., C.R.M., WETT Certified, A.H.J. Pyrotechnics
Person Contacted: Position	Mister Francois Berube Co-Owner	**Telephone No.**	613-236-9234
Mailing Address if Different for risk:	(unit # street # & name)	(City, Town, Village)	**CGI AIS No.: 72697122** **Tracking No.: 5622096**
Location Surveyed:	Rear of 2419 Mer Bleue Road (Building # 1) (unit # street # & name)	Ottawa (Former Orleans) (City, Town, Village)	Ontario (Province) K4A 3V1 (postal code)
Secondary address (If any)	(unit # street # & name)	(City, Town, Village)	(Province) (postal code)
IBC Territory Code	63	**IBC Building Ind. Code: 5513**	**SR/MA File No.**
Underwriter: Debbie Smith		**Broker:** Tanner Insurance	

The *CGI Risk·Score* and comments contained in this report are based on conditions and practices observed during our survey and other pertinent data supplied by management personnel at the risk.

Recommendations in this report are made to point out those areas where remedial action could have the beneficial effect of making the above premises safer and thus more desirable from an underwriting standpoint.

Thank you for choosing CGI to perform this inspection. Please do not hesitate to contact us if we can be of any further assistance.

2.0 *CGI Risk·Score*

	1	2	3	4	5	6	7	8	9	Comments
Property	☐	☐	☒	☐	☒	☐	☐	☐	☐	*Recommendations Apply Grade 3 Building 1 and Grade 5 Building 2.*
Liability	☒	☐	☐	☐	☐	☐	☐	☐	☐	*No special hazards noted*
Crime	☒	☐	☐	☐	☐	☐	☐	☐	☐	*No special crime hazards noted at the time of this survey.*

(1=Excellent & 9=Poor)

Committed to Service Excellence

CGI reports, prepared in compliance with commonly accepted risk control standards existing at the time services are rendered, are developed from an inspection of the premises and/or from data supplied by or on behalf of the Purchaser. CGI does not purport to list all hazards. While changes and modifications referred to in the reports are designed to upgrade protection and loss prevention of the premises, CGI assumes no responsibility for management and control of these activities. CGI will not be responsible to the Purchaser for any losses or damages, whether consequential or other, however caused, incurred of suffered, as a result of the services being provided.

RISK ALERT ISSUED: ☐ **Yes** ☒ **No** **IF YES, DESCRIBE** (*A risk alert is a telephone notification to the Inspection requestor, of a situation which could imminently cause a serious loss. A Critical Recommendation will be issued to address the situation.)*

Meaning of the CGI Risk·Score: The CGI Score is a grading of the risk inspected versus other risks in this class. Similar to the "Commercial" Fire Protection Grading system in design, there is range of 9 categories, with a grading or "score" of 1 being the most desirable. The CGI Score is based on a number of objective criteria pertaining to the risk at the time of our survey, tempered with the experienced judgement of our Loss Control Specialist. As a general guideline, the scores mean the following criteria:

1-3	Risks in this range are well maintained, with no apparent moral hazards or management problems. Undesirable features are non-existent and recommendations, if any, are desirable. Risks in this category are excellent (no deficiencies) to better than average for their class.
4-6	The maintenance of Risks in this range is considered average. Moral hazards are not apparent, but there may be possible management problems (e.g. poor housekeeping). Undesirable features noted are correctable, and recommendations will vary from desirable to important. Risks in this category are considered average for their class.
7-9	Risks in this range tend to be poorly maintained. Moral hazards and management problems (e.g. poor housekeeping and maintenance, poor attitude) are evident. Significant undesirable conditions are present and cannot or will not be corrected. Critical Recommendations may be present. Risks in this category are significantly below average for their class with little or no indication for improvement.

3.0 REMARKS

There are three buildings that are located on this lot. One is a residential building occupied as a rented duplex which is not part of this report, one is a barn that is used to store all types of stock and the last one is a landscaper's garage used to store and repair his own vehicles and equipment. A class 6 construction has been given to the barn (Building 2) because of the condition of the building and the potential loss to fire which is estimated at 100%. The electrical fixtures in the barn are not protected (Rec. Made). The interior of the barn is highly congested (Rec. Made). There are two six years old gasoline tanks located at the front of the Barn. The contents is 1=1360 Liters of regular gasoline and 1= 2200 Liters of Clear Diesel. The tanks are duly protected against vehicle impact by bumper guards. Building 1 is newer and clean and well kept. There are no portable fire extinguishers in this building (Rec. Made).
No Special Liability Hazards were noted at the time of this survey.
No special crime hazards were noted at the time of this survey.

4.0 RECOMMENDATIONS

Please note that these recommendations are classified as either ☐ **Critical,** ☒ **Important, or** ☐ **Desirable Improvement**. **"Critical"** recommendations are those aimed at correcting undesirable feature/s which, if left unattended, could cause a serious loss and should be rectified immediately. This class of recommendation is only used in extreme situations. **"Important"** recommendations are intended to highlight undesirable feature/s which if left unattended, could cause a serious loss and should be rectified as soon as possible. **"Desirable Improvement"** recommendations are those aimed at correcting an undesirable feature which can be improved when feasible, to help reduce the risk of a loss.

☒ Listed below	or	☐ None

07-1	☐ Critical ☒ Important ☐ Desirable Improvement
	The electrical light fixtures located inside the barn should be protected against rodents by means of metal covers.

07-2	☐ Critical ☒ Important ☐ Desirable Improvement
	The interior of the barn should be thoroughly cleaned and the stock stored in an orderly manner.

07-3	☐ Critical ☒ Important ☐ Desirable Improvement
	Provide 2 ULC or equivalent labeled portable fire extinguishers with a minimum classification of 2A-20BC for the Garage (Building 1). They should be placed in an easily visible and readily accessible location.

	☐ Critical ☐ Important ☐ Desirable Improvement

	☐ Critical ☐ Important ☐ Desirable Improvement

5.0 OCCUPANCY INFORMATION

The Insured is:	☒ Owner Occupant	☐ Non-occupant building owner	☐ Tenant
Insured's Occupancy Description: Landscaper			
IBC Code: 5513	IBC Subcode: 00	Premises Intrusion Alarm: None	
Special Hazard Code(s): None		Description: N/A	
Special Hazard Code(s): None		Description: N/A	
Name of building owner(if not Insured):			Number of years bldg. Owned: 10 app.
Number of years at this location:10 app	Area occupied (sq. m): 241		Business hours: 12
Days per week: 5 days	Annual Revenue (optional):		Payroll (optional):
Previous loss history past 3 years ☐ Yes ☒ No ☐ Undetermined		Previous loss history past 6 years ☐ Yes ☒ No ☐ Undetermined	
Explain loss history:			
Insured Values: Property: $135,000.00		Contents: $Included	
Combustibility of Occupancy: M3		Susceptibility of Occupancy: S3-Moderate Damage	

Occupancy: **Major Tenant is:** ☒ Insured or ☐ See Major Tenant Below		☐ refer to Occupancy Specific Supplement
Major Tenant in Building	Combustibility Code: M3	Susceptibility Code: S3-Moderate Damage
Name: Francois Berube and Denis Brule	Area occupied (sq.m): 241	IBC Code: 5513
Occupancy Description: Mechanical garage for servicing and storage of own vehicles		IBC Sub Code: 00
Special Hazard Code(s): None	Description:	
Special Hazard Code(s):	Description:	
Previous loss history past 3 years ☐ Yes ☒ No ☐ Undetermined	Previous loss history past 6 years ☐ Yes ☒ No ☐ Undetermined	
Number of years at this location: 10	Premises Intrusion Alarm: None	
Other Classes of Occupants		
DESCRIBE PARTITION WALLS BETWEEN TENANTS: There are no other occupants		
Name:	Area occupied (sq.m):	IBC Code:
Occupancy Description:		IBC Sub Code:
Special Hazard Code(s):	Description:	
Special Hazard Code(s):	Description:	

Previous loss history past 3 years ☐ Yes ☐ No ☐ Undetermined	Previous loss history past 6 years ☐ Yes ☐ No ☐ Undetermined	
Number of years at this location:	Premises Intrusion Alarm: --	
Name:	Area occupied (sq.m):	IBC Code:
Occupancy Description:		IBC Sub Code:
Special Hazard Code(s):	Description:	
Special Hazard Code(s):	Description:	
Previous loss history past 3 years ☐ Yes ☐ No ☐ Undetermined	Previous loss history past 6 years ☐ Yes ☐ No ☐ Undetermined	
Number of years at this location:	Premises Intrusion Alarm: --	
Areas not surveyed:	☐ For additional tenants see attached list	
Comments: None		

6.0 BUILDING CONSTRUCTION (IBC Major Construction Class 6)

Building condition:	☐ Above Average	☒ Average	☐ Moderate deficiencies	☐ Major deficiencies	
Year built: (yyyy)	1997 Estimated	Area occupied by insured (sq. m): 241		Combustibility of Building M3	
Ground floor area (sq. m):	241 sq. m	Total floor area (excl. bsmt.)		241 sq. m	
Height (excluding basement):	4 m	Number of Stories: 1 (above grade)			
Basement:	☐ Yes	☒ No	Area of basement: (sq. m)	Total area: 241 sq. m	
Additions (year & brief description):	None				
Renovations (year & brief description):	None				
Wall construction:	Reinforced Concrete % ( )	Masonry: %: ( )	Non Combustible: %: ( )	Brick/stone veneer: %: ( )	Wood frame: 100%: (WFMC)
	Other: %, Describe:				
	Insulation: Styrofoam				
	Panels in Walls:	Glass: 25%	Combustible: %	Non Combustible: %	
Floor Construction:	Concrete: 100%	Concrete on metal pan: %	Wood joist: %		
	Other: %, Describe:				
Roof Type:	☐ Flat	☐ Quonset	☒ Peaked	☐ Other:	
Roof Construction:	☐ Concrete: %	☐ Steel deck: %	☒ Wood joist: 100%	☐ Steel/Steel: %	
	☐ Other Combustible: %		☐ Other Non Combustible: %		
Roof Surface:	☐ Tar & Gravel: %	☐ Metal: %	☒ Asphalt Shingles: 100%	☐ Wood Shakes: %	
	☐ Rubber membrane: %	☐ Other Combustible: %	☐ Other Non Combustible: %		
Resurfaced:	☒ No	☐ Yes	Date:		
Interior Finish Walls:	Combustible:	Ordinary Damage Material: %	Special Damage Material: %		
	Non Combustible: 100%		Open: %		
Interior Finish Ceilings:	Combustible:	Ordinary Damage Material: %	Special Damage Material: %		
	Non Combustible: 100%		Open: %		
Vertical Openings:	☒ None	☐ Stairs:	Protection Type: -- hrly. rate	☐ Elevator:	Protected: ☐ Yes ☐ No
	☐ Escalator: ☐ Open ☐ Enclosed	☐ Atrium: % of Grade Floor	# of Floors:		
	☐ Other:				

Horizontal Separation:	Major Partition Construction:	☒ Not Applicable	☐ Frame	☐ Drywall on Studs
		☐ Concrete Block		☐ Other:
	Proper Opening Protection:	☐ Yes	☐ No	☒ Not Applicable
Mezzanines: ☒ No ☐ Yes	Combustible: %	Non Combustible: %		
	Mezzanines Percentage of Floor below: % (if over 25% treated as an additional floor)			
Combustible Concealed Spaces:	☒ No	☐ Yes	If yes, %, and describe:	
Concealed space properly protected:	☐ No	☐ Yes	☒ Not applicable	Comment:
Building Description:	Shopping Mall: ☐ Yes ☒ No	Industrial Mall: ☐ Yes ☒ No	Strip Mall: ☐ Yes ☒ No	
	Stand Alone: ☒ Yes ☐ No	Other, Describe:		
Building Construction Comments: None				

7.0 FIRE EXPOSURES (Within 50m of risk) ☐ None

Exposing Structures Within 50m:

	Distance	Height	Construction of Exposure Facing Wall	Exposure Occupancy Hazard	Exposure Hazard Description	Exposure Comb. Code	Opening in Facing Wall of Risk Yes	No
Front	30 m	1.5 sto.	Combustible	Light (L1,L2)	Duplex belonging to insureds	L2	☒	☐
Rear	_____ m	_____ sto.	Open	--		--	☐	☒
Left	_____ m	_____ sto.	Open	--		--	☐	☒
Right	14 m	1 sto.	Combustible	Medium (M3,M4)	Storage Building	M3	☒	☐

Exposing Structure Addresses:

Front:	*2419 Mer Bleue Road*	Left:	*Open*
Rear:	*Open*	Right:	*Building #2*
Comments: *None*			

8.0 COMMON HAZARDS (Heating, electrical, plumbing)

HEATING:

Forced warm air:	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Suspended unit heaters:	☐ Electric %	☒ Gas 100%	☐ Oil %		Other: _____
Portable heaters:	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Hot water/steam	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Solid Fuel Burning:	Non-Hazardous: %, Describe _____		Hazardous: %, Describe _____		
Other Hazardous:	%	Describe _____			
Other Non-Hazardous:	%	Describe _____			
Electric baseboard units:	☐ %				
Installation Appears Safe:	☒ Yes	☐ No	Describe: _____		
Unheated	☐ %	Borrowed Heat: ☐ %			
Boiler: ☐ Yes ☒ No	Age: _____ and Make: _____		Date of last Boiler Inspection: (yyyy/mm/dd) _____		
Appliances enclosed in a non-combustible room:	☐ Yes	☐ No	☒ Not required		
Combustible materials stored in the room:	☐ Yes	☐ No	☒ Not applicable		
Heating Fuel Tanks:	☒ None	☐ Inside	☐ Outside	☐ Above ground	☐ Below ground	Age (yyyy) _____ Capacity (L) _____
Fill and vent piping: Inside	☒ N/A	☐ No	☐ Yes, _____		

Chimneys:	☐ Masonry	☒ ULC Factory built	☐ Unlabelled pre-fab	☐ Other: _____
	☒ Standard	☐ Non-standard _____		
Installation defects:	☒ None	☐ Moderate	☐ Major, _____	
Installation replaced:	☒ No	☐ Yes	(yyyy) _____ and _____%	
0% Air Conditioned	Type:	☐ Roof-Top	☐ Central	☐ Other: _____
Comments: _____				

ELECTRICAL:

Type:	☒ Conduit	☒ BX	☒ Non-metallic	☐ Knob & Tube _____	☐ Other: _____	
Temporary wiring or extension cords:			☒ No	☐ Yes _____		
Overcurrent protection:	☒ Circuit Breakers		Fuses:	☒ Ordinary	☐ Type P	☐ Type D ☐ Other: _____
Installation defects:	☒ None		☐ Moderate	☐ Major		
Installation (wiring) replaced:	☒ No		☐ Yes	(yyyy)_____ and _____%		
Installation Appears Safe:	☒ Yes		☐ No	Describe: _____		
Partial changes/extensions:	☒ No		☐ Yes Describe: _____			
Comments: _____						

PLUMBING:

Type:	☒ Copper	☐ Galvanized	☒ Plastic	☐ Other: _____
Installation Replaced:	☒ No	☐ Yes	(yyyy) _____ and _____%	
Condition:	☒ Good	☐ Fair	☐ Poor _____	
Installation appears safe:	☒ Yes	☐ No: _____		
Comments: _____				

SMOKING:

Smoking Restricted:	☐ Yes	☒ No			
"No Smoking" Signs posted:	☐ Yes	☒ No	Enforced:	☐ Yes	☒ No
Comments: *This is not a public building*					

HOUSEKEEPING:

☒ Good	☐ Average	☐ Poor	☐ Unacceptable
Comments: _____			

9.0 FIRE PROTECTION

PUBLIC:

F.U.S. Protection Class: *03*	Primary Responding Fire Department: *Ottawa, Former Gloucester H.P.A.*		Bldg. Prot. Code (NS or AS): *02*
☒ Full time		☐ Part Time/Volunteer	☐ Composite
Distance to Fire Department:	*2.3* km		
Roads: ☒ Paved ☐ Unpaved	Accessible Year-round: ☒ Yes ☐ No		Congested/Inaccessible: ☐ Yes ☒ No
Water Supply:	☒ Public	☐ Private	
Number of Hydrants:	*2* within 155 m,	_____ within 156 - 305 m,	_____ Over 305 m, ☐ None

PRIVATE:

The following appeared to be satisfactory:

	Yes	No		Date Last Serviced	Comments
Portable Extinguishers	☐	☒		*None*	*(Rec. Made)*
Standpipe/Inside Hoses	☐	☐	N/A ☒	_____	_____

Watchman Service	☐	☐	N/A ☒	_____	_____
Fire Detection System:	☒ None	☐ Full	☐ Partial, Describe:	_____	
i) Type of Detectors:	_____				
ii) Detector location:	Describe: _____				
iii) Maintenance contract:	Yes ☐	No ☐	Company: _____	Telephone #: _____	
iv) Connected to:	☐ ULC Listed Station	☐ Unlisted Service	☐ Fire/Police Department	☐ Local only	
	☐ Other: _____				
Name of Company:	_____				
Automatic Sprinkler Protection:	☒ None	☐ Full Premises	☐ Partial (describe): _____		
	Sprinkler Supplement Attached	☐ Yes	☒ No (Sprinkler System Not Tested or Evaluated)		
Fire Protection Comments: None					

10.0 ALL RISK:

Information Confirmed by: ☐ Person Contacted or: Denis Brule, the co-insured

EARTHQUAKE

What is the earthquake zone:	02		
Is there any earthquake history in the area:	☐ No	☒ Yes	☐ Undetermined
If **Yes**, describe history Small Tremors			
Significant exterior wall or foundation cracks noted?	☒ No	☐ Yes	Describe: _____
Sagging?	☒ No	☐ Yes	Describe: _____
Comments: _____			

FLOOD

Is this establishment located on a flood plain:	☒ No	☐ Yes	
Is it located near a body of water:	☒ No	☐ Yes	Describe: _____
Distance to nearest body of water:	_____	☒ None determined	
Is there a history of flooding:	☒ No	☐ Yes	If **yes**, give history: _____
Evidence of water damage:	☒ No	☐ Yes	Describe: _____
Years knowledge of risk: 10			
Comments: _____			

WATER DAMAGE

Plumbing is:	☒ Copper	☐ Galvanized	☒ Plastic	☐ Other	Describe: _____
Is there evidence of corrosion:			☒ No	☐ Yes	Describe: _____
Is the building sprinklered:			☒ No	☐ Yes	Comment: _____
Is stock susceptible to water damage:			☒ No	☐ Yes	Describe: _____
Are all window/skylight openings adequately sealed:			☒ Yes	☐ No	Describe: _____

Does water main pass under building:	☒ No	☐ Yes	Describe: _____
Is the roof covering adequate:	☒ Yes	☐ No	Most recent roof repair date: _____
Inside and/or roof storage tanks/process equipment:	☒ No	☐ Yes	Describe: _____
Tanks/equipment satisfactorily controlled:	☒ No	☐ Yes	If Either Describe: _____
Is there use of: ☐ Skids ☒ Shelving	☐ Floor Drains		☐ Covers over stock/equipment
Sewer Backup claim in the last three years:	☒ No	☐ Yes	☐ Describe: _____
Comments: _____			

COLLAPSE AND/OR SEWER BACKUP

Is there any history of collapse:	☒ No	☐ Yes	Describe: _____
Is there any history of sewer back-up:	☒ No	☐ Yes	Describe: _____
Are sewer back-up protection devices in place:	☒ No	☐ Yes	Describe: _____
Comments: _____			

ADDITIONAL PERILS

If Yes, Describe:

Is lightning protection in place:		☒ No	☐ Yes	Describe: _____	
Is risk located within 5 km of airport:		☒ No	☐ Yes	Beneath a flight path:	☐ Yes ☒ No
Is the yard fenced: ☒ No		☐ Yes	Are gates locked when the premises are closed:		☐ Yes ☒ No
Is the yard and the exterior of the building lit:		☐ No	☒ Yes	Describe: _____	
Is the risk located in a high wind/hail area:		☒ No	☐ Yes	Describe: _____	
Are there visible signs of vandalism at the risk:		☒ No	☐ Yes	Describe: _____	
In the area:		☒ No	☐ Yes	Describe: _____	
Is the risk protected from Impact exposure:	Automobile	☒ No	☐ Yes	Describe: _____	
	Aircraft	☒ No	☐ Yes	Describe: _____	
	Train	☒ No	☐ Yes	Describe: _____	
	Boat	☒ No	☐ Yes	Describe: _____	
Comments: _____					

11.0 BASIC PREMISES LIABILITY

The following appeared to be satisfactory: If No Describe				
Stairs, Ramps & Handrails:	Yes ☐	No ☐	N/A ☒	Comments: _____
Floor Surfaces & Coverings:	Yes ☒	No ☐	N/A ☐	Comments: _____
Walls & Ceilings:	Yes ☒	No ☐	N/A ☐	Comments: _____
Interior & Exterior Lighting:	Yes ☒	No ☐	N/A ☐	Comments: _____
Emergency Lighting:	Yes ☐	No ☐	N/A ☒	Comments: _____
Interior & Exterior Housekeeping:	Yes ☐	No ☒	N/A ☐	Comments: *Building # 2 (Rec. Made).*
Washrooms:	Yes ☒	No ☐	N/A ☐	Comments: _____
Sidewalks, Yards & Parking Lots:	Yes ☒	No ☐	N/A ☐	Comments: _____
Fire Exits:	Yes ☐	No ☐	N/A ☒	Comments: _____
Fire Alarm System (s):	Yes ☐	No ☐	N/A ☒	Comments: _____

Snow & Ice Removal:	Yes ☒	No ☐	N/A ☐	Comments: _____
Elevating devices:	Yes ☐	No ☐	N/A ☒	Comments: _____
Satellite Dishes:	Yes ☐	No ☐	N/A ☒	Comments: _____
Exterior Signs:	Yes ☐	No ☐	N/A ☒	Comments: _____
CO detectors where required:	Yes ☐	No ☐	N/A ☒	Comments: _____
Swimming Pool:	Yes ☐	No ☐	N/A ☒	Comments: _____
Other:	Yes ☒	No ☐	N/A ☐	Comments: *Two gasoline tanks located in front of Building #2*
Comments: _____				

12.0 BASIC CRIME

☐ Refer to Expanded Crime Supplement

Crime Experience	☐ Low	☒ Moderate	☐ High		
Type of Neighbourhood:	☒ Commercial	☐ Industrial	☒ Rural	☒ Residential	☐ Isolated
Neighbourhood appears to be:	☒ Stable	Changing via:	☐ Expansion/growth	☐ Renovation	☐ Deterioration
Comments: _____					

BUSINESS

Automatic Teller Machine:	☒ No	☐ Yes		
Safe on Premises:	☒ No	☐ Yes	☐ Unable to Determine	
Guard Service:	☒ No	☐ Yes	☐ Unable to Determine	Describe: _____
Typical Stock:	Tools			
Smash & Grab exposure:	☒ No	☐ Yes	☐ Unable to Determine	
Comments: _____				

GENERAL PROTECTION

The following appeared to be satisfactory: If No Describe

Exterior Lighting:	☒Yes	☐No	☐N/A	Comments: _____
Interior Lighting:	☒Yes	☐No	☐N/A	Comments: _____
Roof Accessibility:	☒Yes	☐No	☐N/A	Comments: _____
Police Patrols:	☒Yes	☐No	☐N/A	Comments: _____
Yard Fenced:	☐Yes	☒No	☐N/A	Describe: _____
Comments: The risk is well hidden from the main road.				

SECURITY ALARM SYSTEM (Building Protection by Owner)

Premises alarm system in use:	☒ N/A	☐ Yes	☐ No	☐ Disconnected	Date Installed: (yyyy)_____
Alarm System is:	☐ Acceptable		☐ Unacceptable (see rec.)		
Monitored by:	☐ULC Listed Station	☐ Unlisted Station	☐ Local Alarm	☐ Unknown	☐ Unable to Determine
Comments: _____					

PHYSICAL PROTECTION

Door locks:	☒ Deadbolt	☐ Spring	☐ Panic	☐ Other: _____	
Windows Protected:	☒ No	☐ Yes	☐ N/A	If **yes**, describe _____	
Other Openings:	☒ No	☐ Yes	Protected:	☐ No	☐ Yes
Comments: Ther is no protection for building #2					

OTHER COMMENTS:

Please refer to additional building supplement attached for building # 2

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

CGI Information Systems and Management Consultants Inc.

ADDITIONAL BUILDING OR FIRE DIVISION
INSPECTION REPORT SUPPLEMENT
CONFIDENTIAL

Location Surveyed: 2419 Mer Bleue Road, Ottawa (Formerly Orleans), Ontario	**CGI AIS No.: 72697122**
Date of survey (YYYY/MM/DD): 2007/06/28	**CGI Loss Control Specialist:** Luc McCann C.I.P., C.C.F.I.-C., C.R.M., A.H.J. Pyrotechnics, WETT Certified

Building #:	2		
IBC Building Industry Code:	5513	IBC Building Construction Code:	Class 6

BUILDING CONSTRUCTION

Building condition:	☐ Above Average	☐ Average	☐ Moderate deficiencies	☒ Major deficiencies	
Year built: (yyyy)	1925 Estimated	Area occupied by insured (sq. m): 147	Combustibility of Building M3		
Ground floor area (sq. m):	147 sq. m	Total floor area (excl. bsmt.)	147 sq. m		
Height (excluding basement):	4 m	Number of Stories: 1 (above grade)			
Basement:	☐ Yes	☒ No	Area of basement: (sq. m)	Total area: 147 sq. m	
Additions (year & brief description):	None				
Renovations (year & brief description):	None				
Wall construction:	Reinforced Concrete % ( )	Masonry: %: ( )	Non Combustible: %: ( )	Brick/stone veneer: %: ( )	Wood frame: 100%: (Major part WF with part CB)
	Other: %, Describe:				
	Insulation: None				
	Panels in Walls:	Glass: %	Combustible: %	Non Combustible: %	
Floor Construction:	Concrete: %	Concrete on metal pan: %	Wood joist: %		
	Other: 100%, Describe: Dirt				
Roof Type:	☐ Flat	☐ Quonset	☒ Peaked	☐ Other:	
Roof Construction:	☐ Concrete: %	☐ Steel deck: %	☒ Wood joist: 100%	☐ Steel/Steel: %	
	☐ Other Combustible: %	☐ Other Non Combustible: %			
Roof Surface:	☐ Tar & Gravel: %	☒ Metal: 100%	☐ Asphalt Shingles: %	☐ Wood Shakes: %	
	☐ Rubber membrane: %	☐ Other Combustible: %	☐ Other Non Combustible: %		
Resurfaced:	☒ No	☐ Yes	Date:		

Interior Finish Walls:	Combustible:	Ordinary Damage Material: %	Special Damage Material: %
	Non Combustible: %		Open: 100%
Interior Finish Ceilings:	Combustible:	Ordinary Damage Material: %	Special Damage Material: %
	Non Combustible: %		Open: 100%
Vertical Openings:	☒ None	☐ Stairs: Protection Type: -- hrly. rate	☐ Elevator: Protected: ☐ Yes ☐ No
	☐ Escalator: ☐ Open ☐ Enclosed	☐ Atrium: % of Grade Floor	# of Floors:
	☐ Other:		
Horizontal Separation:	Major Partition Construction:	☒ Not Applicable ☐ Frame	☐ Drywall on Studs
		☐ Concrete Block	☐ Other:
	Proper Opening Protection:	☐ Yes ☐ No	☒ Not Applicable
Mezzanines: ☒ No ☐ Yes	Combustible: %	Non Combustible: %	
	Mezzanines Percentage of Floor below: % (if over 25% treated as an additional floor)		
Combustible Concealed Spaces:	☒ No ☐ Yes	If yes, %, and describe:	
Concealed space properly protected:	☐ No ☐ Yes	☐ Not applicable	Comment:
Building Description:	Shopping Mall: ☐ Yes ☒ No	Industrial Mall: ☐ Yes ☐ No	Strip Mall: ☐ Yes ☒ No
	Stand Alone: ☒ Yes ☐ No	Other, Describe:	
Building Construction Comments: This is an old barn that is used to store all sorts of materials. There are no doors per say as access is easily made to the interior.			

COMMON HAZARDS

Forced warm air:	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Suspended unit heaters:	☐ Electric %	☐ Gas %	☐ Oil %		Other: _____
Portable heaters:	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Hot water/steam	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Solid Fuel Burning:	Non-Hazardous: %, Describe _____		Hazardous: %, Describe _____		
Other Hazardous:	%	Describe _____			
Other Non-Hazardous:	%	Describe _____			
Electric baseboard units:	☐ %				
Installation Appears Safe:	☐ Yes	☐ No	Describe: _____		
Unheated	☒ 100%	Borrowed Heat: ☐ %			
Boiler: ☐ Yes ☐ No	Age: _____ and Make: _____		Date of last Boiler Inspection: (yyyy/mm/dd) _____		
Appliances enclosed in a non-combustible room:	☐ Yes	☐ No	☐ Not required		
Combustible materials stored in the room:	☐ Yes	☐ No	☐ Not applicable		
Heating Fuel Tanks:	☐ None	☐ Inside	☐ Outside	☐ Above ground	☐ Below ground	Age (yyyy) _____ Capacity (L) _____
Fill and vent piping: Inside	☐ N/A	☐ No	☐ Yes, _____		
Chimneys:	☐ Masonry	☐ ULC Factory built	☐ Unlabelled pre-fab	☐ Other: _____	
	☐ Standard	☐ Non-standard _____			
Installation defects:	☐ None	☐ Moderate	☐ Major, _____		
Installation replaced:	☐ No	☐ Yes	(yyyy) _____ and _____%		
_____% Air Conditioned	Type:	☐ Roof-Top	☐ Central	☐ Other: _____	
Comments: _____					

ELECTRICAL:

Type:	☐ Conduit	☒ BX	☐ Non-metallic	☐ Knob & Tube _____	☐ Other: _____	
Temporary wiring or extension cords:		☐ No	☐ Yes _____			
Overcurrent protection:	☐ Circuit Breakers	Fuses:	☒ Ordinary	☐ Type P	☐ Type D	☐ Other: _____

Installation defects:	☐ None	☐ Moderate	☒ Major
Installation (wiring) replaced:	☒ No	☐ Yes	(yyyy)_____ and _____%
Installation Appears Safe:	☐ Yes	☒ No	Describe: *Unprotected light fixtures*
Partial changes/extensions:	☒ No	☐ Yes Describe: _____	
Comments: _____			

PLUMBING:

Type:	☐ Copper	☐ Galvanized	☐ Plastic	☐ Other: _____
Installation Replaced:	☐ No	☐ Yes	(yyyy) _____ and _____%	
Condition:	☐ Good	☐ Fair	☐ Poor _____	
Installation appears safe:	☐ Yes	☐ No: _____		
Comments: *There is no plumbing in the barn.*				

SMOKING:

Smoking Restricted:	☐ Yes	☒ No			
"No Smoking" Signs posted:	☐ Yes	☒ No	Enforced:	☐ Yes	☒ No
Comments: _____					

HOUSEKEEPING:

☐ Good	☐ Average	☐ Poor	☒ Unacceptable
Comments: *Highly congested.*			

FIRE PROTECTION

PRIVATE:

The following appeared to be satisfactory:

	Yes	No		Date Last Serviced	Comments
Portable Extinguishers	☐	☒		_____	*None*
Standpipe/Inside Hoses	☐	☐	N/A ☒	_____	_____
Watchman Service	☐	☐	N/A ☒	_____	_____
Fire Detection System:	☐ None	☐ Full	☐ Partial, Describe:	_____	
i) Type of Detectors:	_____				
ii) Detector location:	Describe: _____				
iii) Maintenance contract:	Yes ☐	No ☐	Company: _____		Telephone #: _____
iv) Connected to:	☐ ULC Listed Station		☐ Unlisted Service	☐ Fire/Police Department	☐ Local only
	☐ Other: _____				
Name of Company:	_____				
Automatic Sprinkler Protection:	☐ None	☐ Full Premises	☐ Partial (describe): _____		
	Sprinkler Supplement Attached		☐ Yes	☐ No (Sprinkler System Not Tested or Evaluated)	
Fire Protection Comments: There is no fire protection in this building.					

OTHER COMMENTS

None

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Appendix C

Chain of Title

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CAMBIUM PROJECT # 20361-003

#2405 - #2419 MER BLEUE ROAD
(#2405 MER BLEUE ROAD)

PIN 14563-1816

PART 1 on 50R-29146
(save & except Plan 50M-1580)

PART OF LOT 4
CONCESSION 11
(TOWNSHIP OF CUMBERLAND)

formerly TOWN of ORLEANS

now CITY OF OTTAWA

REGIONAL MUNICIPALITY OF OTTAWA-CARLETON

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

PIN	OWNERSHIP	DATES
14563-1816 14563-1326 14563-0043 **note: block number change** 14525-6565 14525-6549 14525-0121 14525-0750	**CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO**	**NOVEMBER 16 2017 TO PRESENT** **AS OF SEPTEMBER 9 2024**
	RAYMONDE BISSON LOUIS BISSON	APRIL 4 2017 TO NOVEMBER 16 2017
	MATTAMY (MER BLEUE) LIMITED	JUNE 15 2015 TO APRIL 4 2017
	RAYMONDE BISSON LOUIS BISSON	MARCH 25 1998 TO JUNE 15 2015
	RAYMONDE BISSON	JANUARY 13 1995 TO MARCH 25 1998
	LOUIS BISSON	MARCH 10 1993 TO JANUARY 13 1995
	LOUIS BISSON JEAN BISSON	AUGUST 4 1971 TO MARCH 10 1993
	FLORIBERT BOURCIER	MARCH 7 1957 TO AUGUST 4 1971
	HONORE BOURCIER	NOVEMBER 1 1919 TO MARCH 7 1957

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	JOSEPH BOYER	MAY 28 1912 TO NOVEMBER 1 1919
	MICHAEL BOYER (JR.)	MAY 12 1912 TO MAY 28 1912
	MICHAEL BOYER (SR.)	MARCH 4 1905 TO MAY 12 1912
	RODERICK McDONALD	MARCH 1 1880 TO MARCH 4 1905
	ANTOINE BRUNET	FEBRUARY 5 1867 TO MARCH 1 1880
	JOSEPH HENSALL JEAN HENSALL	JANUARY 21 1854 TO FEBRUARY 5 1867
CROWN PATENT	MARGARET COZENS	JULY 26 1836 TO JANUARY 21 1854

CROWN PATENT: JULY 26 1836

LOT 4 ; CONCESSION 11

GEOGRAPHIC TOWNSHIP OF CUMBERLAND

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

CAMBIUM PROJECT # 20361-003

#2405 - #2431 MER BLEUE ROAD
(#2419 MER BLEUE ROAD)

PIN 14563-0514

PART 1 on 50R-3974

PART OF LOT 4
CONCESSION 11
(TOWNSHIP OF CUMBERLAND)

formerly TOWN of ORLEANS

now CITY OF OTTAWA

REGIONAL MUNICIPALITY OF OTTAWA-CARLETON

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

PIN	OWNERSHIP	DATES
14563-0514 **note:** **block number change** 14525-0123 14525-0752	**MARCEL BISSON**	**JANUARY 9 1984 TO PRESENT** **AS OF SEPTEMBER 9 2024**
	GILBERTE BISSON	OCTOBER 7 1949 TO JANUARY 9 1984
	GERARD FARMER	SEPTEMBER 12 1939 TO OCTOBER 7 1949
	LEONARD HEWSTON	DECEMBER 6 1938 TO SEPTEMBER 12 1939
	JANE FARMER THOMAS DAVID FARMER	AUGUST 16 1933 TO DECEMBER 6 1938
	WILFRED GRATTON	MARCH 1 1932 TO AUGUST 16 1933
	ALBERT LEGAULT	OCTOBER 10 1921 TO MARCH 1 1932
	JOSEPH D. FORGET	OCTOBER 15 1917 TO OCTOBER 10 1921
	MICHAEL BOYER (SR.)	MARCH 4 1905 TO OCTOBER 15 1917
	RODERICK McDONALD	MARCH 1 1880 TO MARCH 4 1905
	ANTOINE BRUNET	FEBRUARY 5 1867 TO MARCH 1 1880

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

	JOSEPH HENSALL JEAN HENSALL	JANUARY 21 1854 TO FEBRUARY 5 1867
CROWN PATENT	MARGARET COZENS	JULY 26 1836 TO JANUARY 21 1854

CROWN PATENT: JULY 26 1836

LOT 4 ; CONCESSION 11

GEOGRAPHIC TOWNSHIP OF CUMBERLAND

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Appendix D

City Directories

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

CITY DIRECTORY

Project Number: 20361-003

Subject Property: 2405-2419 & 2431 chemin Mer Bleue, Orléans

Years Available: 1991-2011

Year Site First Listed (within accessible data sources):

Comments/Notes: Within the city directory archives, Mer Bleue address range overlaps with Navan, ON

Year: 2011	
Site & Listing: 2405-2419 & 2431 chemin Mer Bleue	2405-Residential 2419-Residential 2431-Residential
Adjacent Properties:	
Chemin Mer Bleue (2374-2465)	-All Residential 2388-Done Right Contracting
Arum Ter (500-530)	-Street Not Listed
Bartonia Circle (174-200)	-Street Not Listed
Gerardia Lane (All)	-Street Not Listed
Helenium Lane (All)	-Street Not Listed
Jerome Jodon Drive (All)	-Street Not Listed
Monardia Way (All)	-Street Not Listed
Renaud Road (6600-6640)	6615, 6618 – Residential
Sweetclover Way (300-330)	-Street Not Listed
Willow Aster Circle (All)	-Street Not Listed

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Year: 2005-2006	
Site & Listing: 2405-2419 & 2431 chemin Mer Bleue	2405-Residential 2419-Residential 2431-Residential
Adjacent Properties:	
Chemin Mer Bleue (2374-2465)	-All Residential
Arum Ter (500-530)	-Street Not Listed
Bartonia Circle (174-200)	-Street Not Listed
Gerardia Lane (All)	-Street Not Listed
Helenium Lane (All)	-Street Not Listed
Jerome Jodon Drive (All)	-Street Not Listed
Monardia Way (All)	-Street Not Listed
Renaud Road (6600-6640)	6615, 6618 – Residential
Sweetclover Way (300-330)	-Street Not Listed
Willow Aster Circle (All)	-Street Not Listed

Year: 2001-2002	
Site & Listing: 2405-2419 & 2431 chemin Mer Bleue	2405-Residential 2419-Residential 2431-Residential
Adjacent Properties:	
Chemin Mer Bleue (2374-2465)	-All Residential
Arum Ter (500-530)	-Street Not Listed
Bartonia Circle (174-200)	-Street Not Listed

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Gerardia Lane (All)	-Street Not Listed
Helenium Lane (All)	-Street Not Listed
Jerome Jodon Drive (All)	-Street Not Listed
Monardia Way (All)	-Street Not Listed
Renaud Road (6600-6640)	-No Listings Within Radius
Sweetclover Way (300-330)	-Street Not Listed
Willow Aster Circle (All)	-Street Not Listed

Year: 1995-96	
Site & Listing: 2405-2419 & 2431 chemin Mer Bleue	2405-Residential 2419-Residential 2431-Residential
Adjacent Properties:	
Chemin Mer Bleue (2374-2465)	-All Residential
Arum Ter (500-530)	-Street Not Listed
Bartonia Circle (174-200)	-Street Not Listed
Gerardia Lane (All)	-Street Not Listed
Helenium Lane (All)	-Street Not Listed
Jerome Jodon Drive (All)	-Street Not Listed
Monardia Way (All)	-Street Not Listed
Renaud Road (6600-6640)	-No Listings Within Radius
Sweetclover Way (300-330)	-Street Not Listed
Willow Aster Circle (All)	-Street Not Listed

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Year: 1991	
Site & Listing: 2405-2419 & 2431 chemin Mer Bleue	-Street Not Listed
Adjacent Properties:	
Chemin Mer Bleue (2374-2465)	-Street Not Listed
Arum Ter (500-530)	-Street Not Listed
Bartonia Circle (174-200)	-Street Not Listed
Gerardia Lane (All)	-Street Not Listed
Helenium Lane (All)	-Street Not Listed
Jerome Jodon Drive (All)	-Street Not Listed
Monardia Way (All)	-Street Not Listed
Renaud Road (6600-6640)	-Street Not Listed
Sweetclover Way (300-330)	-Street Not Listed
Willow Aster Circle (All)	-Street Not Listed

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Appendix E

ERIS Report

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

ERIS

DATABASE REPORT

Project Property:	*2405-2419 and 2431 Mer Bleue Rd, Orleans* *2405-2419 and 2431 Mer Bleue Road* *Orléans ON K4A 3V1*
Project No:	*20361-003*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*24090500762*
Requested by:	*Cambium Inc.*
Date Completed:	*September 10, 2024*

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

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

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Executive Summary

Property Information:

Project Property:	*2405-2419 and 2431 Mer Bleue Rd, Orleans* *2405-2419 and 2431 Mer Bleue Road Orléans ON K4A 3V1*
Project No:	*20361-003*

Order Information:

Order No:	*24090500762*
Date Requested:	*September 5, 2024*
Requested by:	*Cambium Inc.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*

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	1	1
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	3	3
CA	Certificates of Approval	Y	0	2	2
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	1	2	3
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	3	3	6
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	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	1	0	1
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
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	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
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PPHA	Potential PFAS Handlers from EASR	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	1	2	3
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	1	1
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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
WWIS	**Water Well Information System**	Y	2	9	11
		Total:	8	24	32

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		2401-2419 Mer Bleue Ottawa ON	SW/0.0	0.31	18
2	GEN	Franick Road Services Inc	2419 Mer Bleu Road Ottawa ON K4A 3V9	SSW/0.0	0.31	18
3	EHS		2405 Mer Bleue Road Orléans ON K4A 3V1	N/0.0	-0.69	18
4	WWIS		ON ***Well ID:*** 7315268	SE/0.0	-0.69	18
5	EHS		2419 Mer-Bleue Rd Orléans ON K4A 3V1	SSW/0.0	0.31	19
6	WWIS		lot 4 con 11 ON ***Well ID:*** 1512413	SW/0.0	0.31	20
7	PTTW	Mattamy (Mer Bleue) Limited	2405 Mer Bleue Rd, Ottawa, City 2496 Tenth Line Rd, Ottawa, City CITY OF OTTAWA ON	NE/38.9	-1.66	23
7	ECA	Mattamy (Mer Bleue) Limited	2405 Mer Bleue Rd Lots 3/4, Concession 11 Ottawa ON K2K 2M5	NE/38.9	-1.66	24

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
8	SPL		134 Arum Terrace Ottawa ON	NE/25.7	-1.77	24
8	PINC	TSSA INCIDENTS	134 ARUM TERRACE,,OTTAWA,ON,K4A 3V1,CA ON	NE/25.7	-1.77	25
9	WWIS		lot 1 con 4 ON ***Well ID:*** 1501503	W/33.0	0.29	25
10	EHS		2388 Mer Bleue Road Ottawa ON	W/37.2	0.16	28
11	WWIS		lot 1 con 4 ON ***Well ID:*** 1501502	W/42.2	0.29	28
12	WWIS		lot 1 con 4 ON ***Well ID:*** 1501509	W/48.5	0.03	31
13	WWIS		lot 1 con 4 ON ***Well ID:*** 1501511	W/50.5	0.16	33
14	BORE		ON	WSW/51.0	0.29	36
15	WWIS		lot 1 con 4 ON ***Well ID:*** 1501501	WSW/51.0	0.29	37
16	BORE		ON	W/60.7	0.15	40
17	WWIS		lot 1 con 4 ON ***Well ID:*** 1501513	W/60.8	0.15	41
18	WWIS		lot 1 con 4 ON	W/143.6	0.42	44

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1501510			
19	WWIS		lot 4 con 11 ON ***Well ID:*** 1512858	WNW/146.5	-0.85	46
20	EHS		6615 Renaud Road Navan ON K4B 1H9	WNW/184.2	-0.54	49
21	CA	KIDDY KARS ORLEANS	2356 MER BLEU,ORLEANS,PT.LOT 1 GLOUCESTER CITY ON K4A 3T8	WNW/190.6	-1.02	50
22	PTTW	2447591 Ontario Inc.	2564 Tenth Line Road City of Ottawa, Ontario CITY OF OTTAWA ON	E/203.9	-1.69	50
22	ECA	2447591 Ontario Inc.	2564 Tenth Line Rd Ottawa ON K2K 2M5	E/203.9	-1.69	50
22	PTTW	2447591 Ontario Inc.	2564 Tenth Line Rd Ottawa, ON Canada ON	E/203.9	-1.69	51
23	ANDR	ND-des-Champs junkyard A 1975	Orleans ON K1G 3N4	SSE/217.5	-0.61	51
24	BORE		ON	S/222.5	-1.69	52
25	WWIS		lot 1 con 4 ON ***Well ID:*** 1501506	S/222.7	-1.69	53
26	CA	Serge Henrie Sand & Gravel Ltd.	2486 Mer Bleu Road Ottawa ON	S/237.1	-1.69	56
26	ECA	Serge Henrie Sand & Gravel Ltd.	2486 Mer Bleu Road Ottawa ON K4B 1H9	S/237.1	-1.69	56
27	EHS		2345 Mer-Bleue Road Orléans ON K4A 3T9	NW/238.5	-2.25	56

Executive Summary: Summary By Data Source

ANDR - Anderson's Waste Disposal Sites

A search of the ANDR database, dated 1860s-Present has found that there are 1 ANDR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ND-des-Champs junkyard A 1975	Orleans ON K1G 3N4	217.5	23

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 3 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	51.0	14
	ON	60.7	16
	ON	222.5	24

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
KIDDY KARS ORLEANS	2356 MER BLEU,ORLEANS,PT.LOT 1 GLOUCESTER CITY ON K4A 3T8	190.6	21
Serge Henrie Sand & Gravel Ltd.	2486 Mer Bleu Road Ottawa ON	237.1	26

Site	Address	Distance (m)	Map Key

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jul 31, 2024 has found that there are 3 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Mattamy (Mer Bleue) Limited	2405 Mer Bleue Rd Lots 3/4, Concession 11 Ottawa ON K2K 2M5	38.9	7
2447591 Ontario Inc.	2564 Tenth Line Rd Ottawa ON K2K 2M5	203.9	22
Serge Henrie Sand & Gravel Ltd.	2486 Mer Bleu Road Ottawa ON K4B 1H9	237.1	26

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 6 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2401-2419 Mer Bleue Ottawa ON	0.0	1
	2405 Mer Bleue Road Orléans ON K4A 3V1	0.0	3
	2419 Mer-Bleue Rd Orléans ON K4A 3V1	0.0	5
	2388 Mer Bleue Road Ottawa ON	37.2	10
	6615 Renaud Road Navan ON K4B 1H9	184.2	20

Site	Address	Distance (m)	Map Key
	2345 Mer-Bleue Road Orléans ON K4A 3T9	238.5	27

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 1 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Franick Road Services Inc	2419 Mer Bleu Road Ottawa ON K4A 3V9	0.0	2

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
TSSA INCIDENTS	134 ARUM TERRACE,,OTTAWA,ON,K4A 3V1,CA ON	25.7	8

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994 - July 31, 2024 has found that there are 3 PTTW site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Mattamy (Mer Bleue) Limited	2405 Mer Bleue Rd, Ottawa, City 2496 Tenth Line Rd, Ottawa, City CITY OF OTTAWA ON	38.9	7
2447591 Ontario Inc.	2564 Tenth Line Road City of Ottawa, Ontario CITY OF OTTAWA ON	203.9	22
2447591 Ontario Inc.	2564 Tenth Line Rd Ottawa, ON Canada ON	203.9	22

Site	Address	Distance (m)	Map Key

SPL - Ontario Spills

A search of the SPL database, dated 1988-Mar 2024; May 2024 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

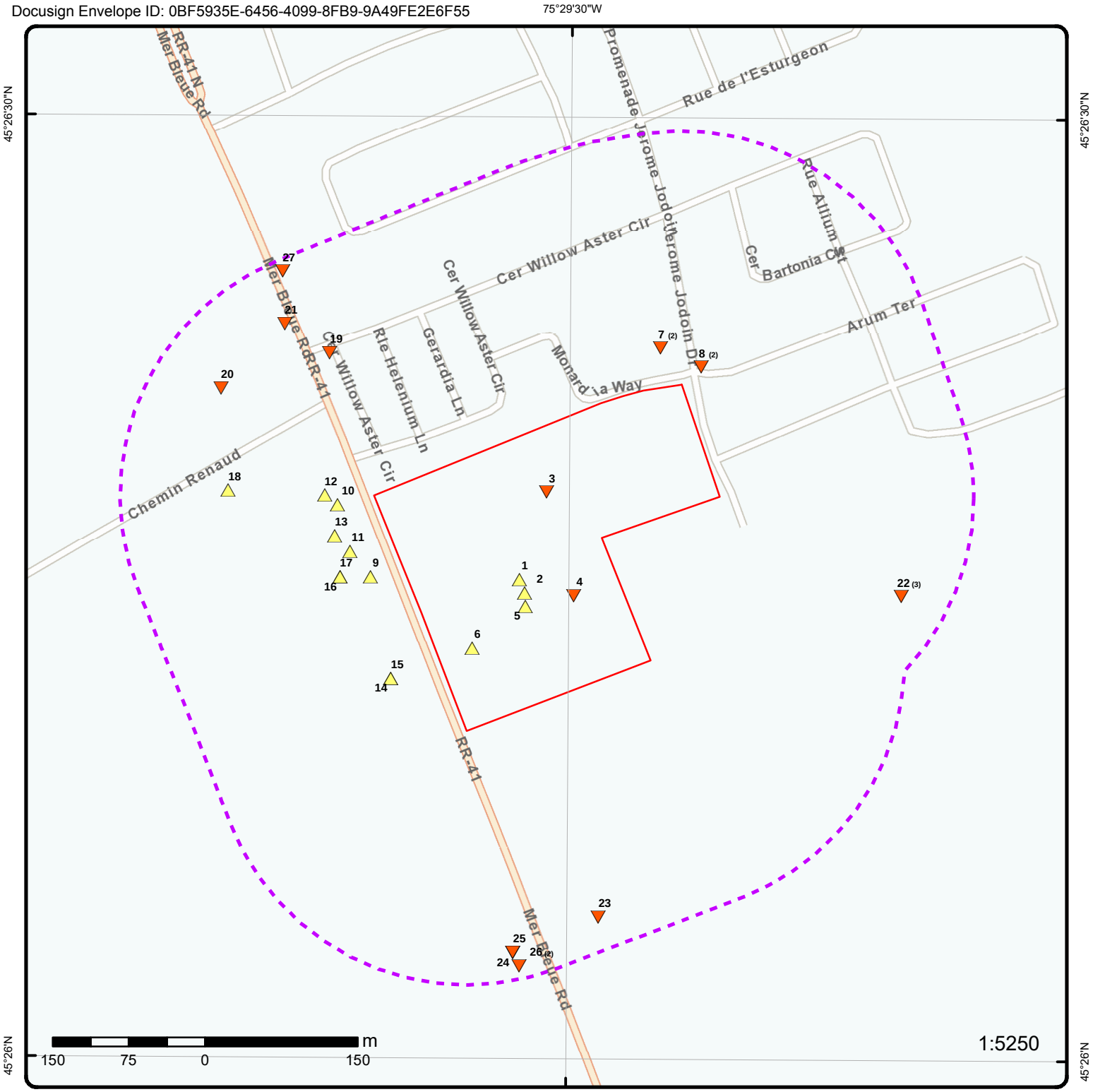
Site	Address	Distance (m)	Map Key
	134 Arum Terrace Ottawa ON	25.7	8

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 11 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON ***Well ID:*** 7315268	0.0	4
	lot 4 con 11 ON ***Well ID:*** 1512413	0.0	6
	lot 1 con 4 ON ***Well ID:*** 1501503	33.0	9
	lot 1 con 4 ON ***Well ID:*** 1501502	42.2	11
	lot 1 con 4 ON ***Well ID:*** 1501509	48.5	12
	lot 1 con 4 ON ***Well ID:*** 1501511	50.5	13
	lot 1 con 4 ON	51.0	15

Site	Address	Distance (m)	Map Key
	Well ID: 1501501		
	lot 1 con 4 ON	60.8	17
	Well ID: 1501513		
	lot 1 con 4 ON	143.6	18
	Well ID: 1501510		
	lot 4 con 11 ON	146.5	19
	Well ID: 1512858		
	lot 1 con 4 ON	222.7	25
	Well ID: 1501506		



Map: 0.25 Kilometer Radius

Order Number: 24090500762

Address: 2405-2419 and 2431 Mer Bleue Road, Orléans, 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)

Source: © 2021 ESRI StreetMap Premium.

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Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Aerial

Year: 2023

Order Number: 24090500762

Address: 2405-2419 and 2431 Mer Bleue Road, Orléans, ON

Source: ESRI World Imagery

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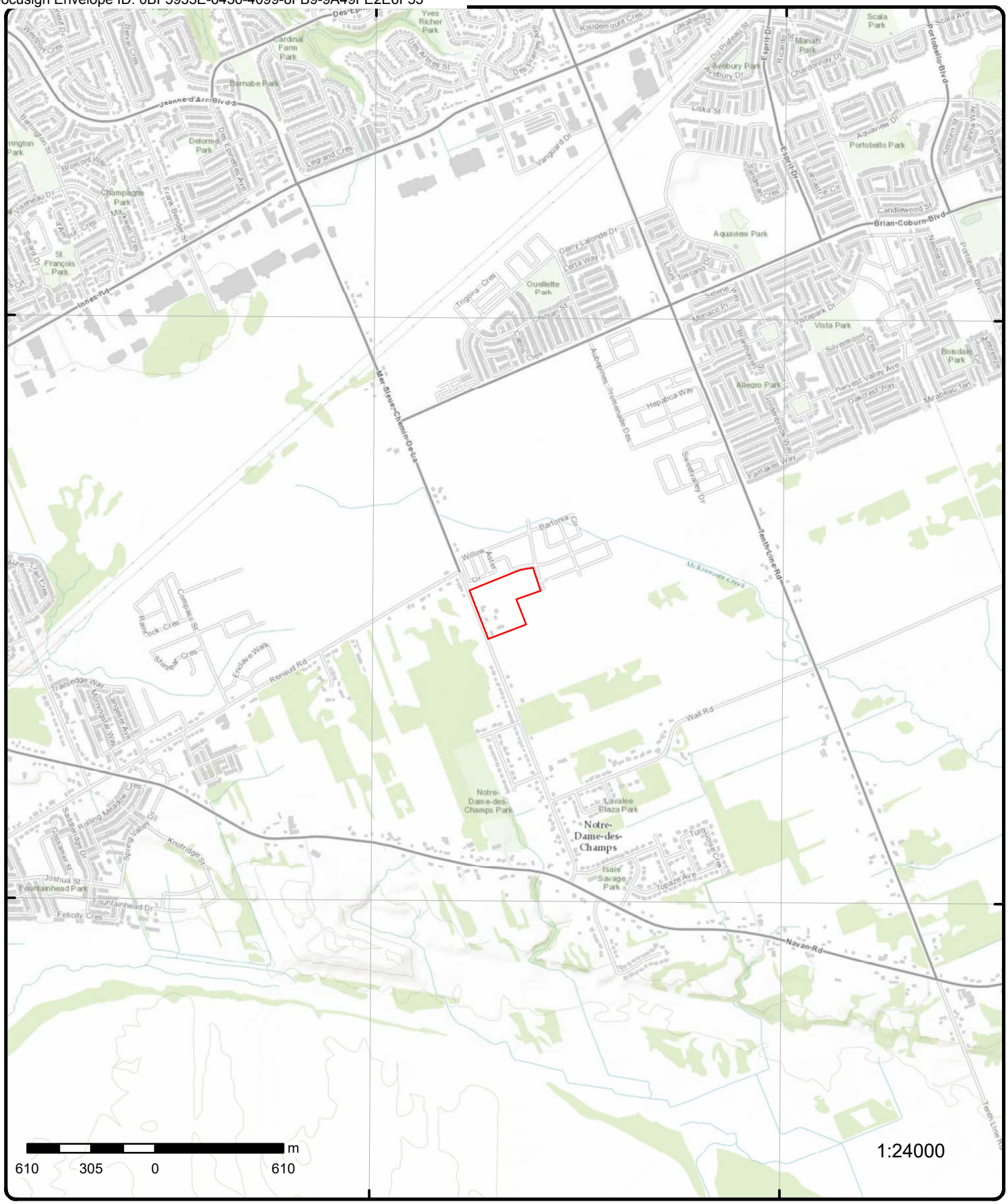
Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55



Topographic Map

Order Number: 24090500762

Address: 2405-2419 and 2431 Mer Bleue Road, ON

Source: ESRI World Topographic Map

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SW/0.0	89.9 / 0.31	2401-2419 Mer Bleue Ottawa ON	EHS

Order No:	20180208075	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	05-MAR-18	**Search Radius (km):**	.25
Date Received:	08-FEB-18	**X:**	-75.492038
Previous Site Name:		**Y:**	45.43813
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos		

2	1 of 1	SSW/0.0	89.9 / 0.31	Franick Road Services Inc 2419 Mer Bleu Road Ottawa ON K4A 3V9	GEN

Generator No:	ON6946007
SIC Code:	561730
SIC Description:	Landscaping Services
Approval Years:	05,06
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	212
Waste Class Name:	ALIPHATIC SOLVENTS
Waste Class:	252
Waste Class Name:	WASTE OILS & LUBRICANTS

3	1 of 1	N/0.0	88.9 / -0.69	2405 Mer Bleue Road Orléans ON K4A 3V1	EHS

Order No:	23080800471	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	11-AUG-23	**Search Radius (km):**	.25
Date Received:	08-AUG-23	**X:**	-75.49194436
Previous Site Name:		**Y:**	45.4383454
Lot/Building Size:			
Additional Info Ordered:			

4	1 of 1	SE/0.0	88.9 / -0.69		WWIS

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

Well ID:	7315268	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	07/27/2018
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	C40376	**Contractor:**	1844
Tag:	A215113	**Form Version:**	8
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1007217841	**Tag No:**	A215113
Depth M:		**Contractor:**	1844
Year Completed:	2018	**Latitude:**	45.4374325271451
Well Completed Dt:	04/06/2018	**Longitude:**	-75.4915917641391
Audit No:	C40376	**Y:**	45.43743251958053
Path:		**X:**	-75.49159160162536

Bore Hole Information

Bore Hole ID:	1007217841	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461551.00
Code OB Desc:		**North83:**	5031663.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	04/06/2018	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

5	***1 of 1***	***SSW/0.0***	***89.9 / 0.31***	***2419 Mer-Bleue Rd Orléans ON K4A 3V1***	***EHS***

Order No:	23021300810	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report (Rural)	**Client Prov/State:**	ON
Report Date:	16-FEB-23	**Search Radius (km):**	.3
Date Received:	13-FEB-23	**X:**	-75.49220057
Previous Site Name:		**Y:**	45.43733839
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 1	SW/0.0	89.9 / 0.31	lot 4 con 11 ON	WWIS

Well ID:	1512413	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Livestock	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	04/24/1973
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	004
Depth to Bedrock:		**Concession:**	11
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: CUMBERLAND TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512413.pdf

Additional Detail(s) (Map)

Well Completed Date: 12/01/1972
Year Completed: 1972
Depth (m): 35.9664
Latitude: 45.4369679605539
Longitude: -75.4928688326348
X: -75.49286867050294
Y: 45.436967953977074
Path: 151\1512413.pdf

Bore Hole Information

Bore Hole ID:	10034404	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461450.80
Code OB Desc:		**North83:**	5031612.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/01/1972	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931020568
Layer: 4

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

Color: 2
General Color: GREY
Material 1: 26
Material 1 Desc: ROCK
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 116.0
Formation End Depth: 118.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931020565
Layer: 1
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931020566
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931020567
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 95.0
Formation End Depth: 116.0
Formation End Depth UOM: ft

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

Method of Construction & Well Use

Method Construction ID:	961512413
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10582974
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930060977
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	116.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930060978
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	118.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991512413
Pump Set At:	
Static Level:	2.0
Final Level After Pumping:	8.0
Recommended Pump Depth:	25.0
Pumping Rate:	24.0
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:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

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

Pump Test Detail ID: 934647775
Test Type: Draw Down
Test Duration: 45
Test Level: 8.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934098056
Test Type: Draw Down
Test Duration: 15
Test Level: 5.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934895931
Test Type: Draw Down
Test Duration: 60
Test Level: 8.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934377450
Test Type: Draw Down
Test Duration: 30
Test Level: 8.0
Test Level UOM: ft

Water Details

Water ID: 933467869
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 118.0
Water Found Depth UOM: ft

7	1 of 2	NE/38.9	87.9 / -1.66	Mattamy (Mer Bleue) Limited 2405 Mer Bleue Rd, Ottawa, City 2496 Tenth Line Rd, Ottawa, City CITY OF OTTAWA ON	PTTW

EBR Registry No: 012-4411
Ministry Ref No: 6502-9W8LAB
Notice Type: Instrument Decision
Notice Stage:
Notice Date: October 17, 2016
Proposal Date: June 19, 2015
Year: 2015
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Mattamy (Mer Bleue) Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 50 Hines Road, Suite 100, Ottawa Ontario, Canada K2K 2M5
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

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

Site Location Details:

2405 Mer Bleue Rd, Ottawa, City 2496 Tenth Line Rd, Ottawa, City CITY OF OTTAWA

7	2 of 2	NE/38.9	87.9 / -1.66	Mattamy (Mer Bleue) Limited 2405 Mer Bleue Rd Lots 3/4, Concession 11 Ottawa ON K2K 2M5	ECA

Approval No:	7287-AD4PT3	***MOE District:***	
Approval Date:	2016-08-24	***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: Mattamy (Mer Bleue) Limited
Address: 2405 Mer Bleue Rd Lots 3/4, Concession 11
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3754-AD3JKA-14.pdf
PDF Site Location:

8	1 of 2	NE/25.7	87.8 / -1.77	134 Arum Terrace Ottawa ON	SPL

Ref No:	0360-B6PJQQ	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	2018/11/20	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	2018/11/20	***Impact to Health:***	2 - Minor Environment
Dt Document Closed:		***Agency Involved:***	

Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Enbridge: 1-1/4" plastic IP gasmain<UNOFFICIAL>
Site Address: 134 Arum Terrace
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Preceding Spill: Leak/Break
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 0 other - see incident description
Contaminant Qty 1: 0
Contaminant Unit: other - see incident description
Client Type:
Source Type: Pipeline/Components
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:

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

Contam Limit Freq 1:	
Contaminant UN No 1:	1075
Receiving Medium:	Air
Incident Reason:	Operator/Human Error
Incident Summary:	TSSA/Enbridge: 1-1/4" plastic IP gasmain damaged
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Other
SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	
Client Name:	

8	2 of 2	NE/25.7	87.8 / -1.77	TSSA INCIDENTS 134 ARUM TERRACE,,OTTAWA,ON,K4A 3V1,CA ON	PINC

Incident Id:		**Pipe Material:**	
Incident No:	2444190	**Fuel Category:**	
Incident Reported Dt:	11/20/2018	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	TSSA INCIDENTS		
Incident Address:	134 ARUM TERRACE,,OTTAWA,ON,K4A 3V1,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

9	1 of 1	W/33.0	89.9 / 0.29	lot 1 con 4 ON	WWIS

Well ID:	1501503	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	08/15/1961
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	001
Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	

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

Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501503.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/18/1961
Year Completed: 1961
Depth (m): 27.7368
Latitude: 45.4375924996972
Longitude: -75.4941528292372
X: -75.49415266709391
Y: 45.437592492585544
Path: 150\1501503.pdf

Bore Hole Information

Bore Hole ID: 10023546
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/18/1961
Remarks:
Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 461350.80
North83: 5031682.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930992011
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992012
Layer: 3
Color:
General Color:

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

Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 85.0
Formation End Depth: 91.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992010
Layer: 1
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501503
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572116
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039958
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 91.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991501503
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 25.0
Recommended Pump Depth: 20.0

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

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:	933454213
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	91.0
Water Found Depth UOM:	ft

10	1 of 1	W/37.2	89.7 / 0.16	2388 Mer Bleue Road Ottawa ON	EHS

Order No:	20100325027	**Nearest Intersection:**	Mer Bleue at Renaud
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	4/6/2010	**Search Radius (km):**	0.25
Date Received:	3/25/2010	**X:**	-75.494576
Previous Site Name:		**Y:**	45.438228
Lot/Building Size:	0.34 acres		
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans;		

11	1 of 1	W/42.2	89.9 / 0.29	lot 1 con 4 ON	WWIS

Well ID:	1501502	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	08/15/1961
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	001
Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501502.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/11/1961

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

Year Completed:	1961
Depth (m):	26.5176
Latitude:	45.4378164156549
Longitude:	-75.4944104966228
X:	-75.4944103343557
Y:	45.437816409137966
Path:	150\1501502.pdf

Bore Hole Information

Bore Hole ID:	10023545	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	461330.80
Code OB Desc:		***North83:***	5031707.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	05/11/1961	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Overburden and Bedrock Materials Interval

Formation ID:	930992009
Layer:	4
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	85.0
Formation End Depth:	87.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992007
Layer:	2
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	78.0
Formation End Depth UOM:	ft

Overburden and Bedrock

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

Materials Interval

Formation ID:	930992006
Layer:	1
Color:	
General Color:	
Material 1:	09
Material 1 Desc:	MEDIUM SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992008
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	78.0
Formation End Depth:	85.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501502
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572115
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039957
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	87.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

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

Pumping Test Method Desc:	PUMP
Pump Test ID:	991501502
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	25.0
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454212
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	87.0
Water Found Depth UOM:	ft

12	1 of 1	W/48.5	89.6 / 0.03	lot 1 con 4 ON	WWIS

Well ID:	1501509	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	11/30/1965
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	001
Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501509.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/10/1965
Year Completed:	1965
Depth (m):	31.0896
Latitude:	45.4383100810731
Longitude:	-75.4947344518827
X:	-75.49473429005414
Y:	45.438310073800565
Path:	150\1501509.pdf

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

Bore Hole Information

Bore Hole ID:	10023552	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	461305.80
Code OB Desc:		***North83:***	5031762.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	08/10/1965	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	930992026
Layer:	1
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	100.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992027
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	100.0
Formation End Depth:	102.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501509
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

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

Pipe Information

Pipe ID:	10572122
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039968
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	102.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991501509
Pump Set At:	
Static Level:	
Final Level After Pumping:	25.0
Recommended Pump Depth:	25.0
Pumping Rate:	5.0
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:	2
Pumping Duration MIN:	0
Flowing:	Yes

Water Details

Water ID:	933454219
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	102.0
Water Found Depth UOM:	ft

13	***1 of 1***	***W/50.5***	***89.7 / 0.16***	***lot 1 con 4 ON***	***WWIS***

Well ID:	1501511	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	12/14/1966
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1504
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON

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

Elevatn Reliabilty:		***Lot:***	001
Depth to Bedrock:		***Concession:***	04
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501511.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/31/1966
Year Completed:	1966
Depth (m):	29.5656
Latitude:	45.4379505988631
Longitude:	-75.4946034536089
X:	-75.49460329150503
Y:	45.4379505916069
Path:	150\1501511.pdf

Bore Hole Information

Bore Hole ID:	10023554	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	461315.80
Code OB Desc:		***North83:***	5031722.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	05/31/1966	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930992030
Layer:	1
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	92.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

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

Formation ID:	930992031
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	92.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501511
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572124
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039970
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	95.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039971
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	97.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991501511
Pump Set At:	
Static Level:	1.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	20.0
Pumping Rate:	10.0

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

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:	933454221
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	97.0
Water Found Depth UOM:	ft

14 ***1 of 1*** ***WSW/51.0*** ***89.9 / 0.29*** ***ON*** ***BORE***

Borehole ID:	616271	***Inclin FLG:***	No
OGF ID:	215517060	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	MAY-1961	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.436695
Total Depth m:	27.1	***Longitude DD:***	-75.493889
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	461371
Drill Method:		***Northing:***	5031582
Orig Ground Elev m:	86.9	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	87.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218403520	***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:	218403521	***Mat Consistency:***	
Top Depth:	24.4	***Material Moisture:***	
Bottom Depth:	26.5	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Shale	***Geologic Formation:***	
Material 2:		***Geologic Group:***	

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

Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SHALE. BROWN.

Geologic Period:
Depositional Gen:

Geology Stratum ID: 218403519
Top Depth: 0
Bottom Depth: 3
Material Color:
Material 1: Sand
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND.

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

Geology Stratum ID: 218403522
Top Depth: 26.5
Bottom Depth: 27.1
Material Color: Dark
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. GREY. 00089OCITY = 5000. BEDROCK. SEISMIC VELOCITY = 13000. K. DARK,GREY,SOUN
**Note: Many records provided by the department have a truncated [Stratum Description] field.

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: 08779 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

15	1 of 1	WSW/51.0	89.9 / 0.29	lot 1 con 4 ON	WWIS

Well ID: 1501501
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/15/1961
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 001

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

Depth to Bedrock:		***Concession:***	04
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501501.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/10/1961
Year Completed:	1961
Depth (m):	27.1272
Latitude:	45.4366935156123
Longitude:	-75.4938892747188
X:	-75.49388911233262
Y:	45.43669350884223
Path:	150\1501501.pdf

Bore Hole Information

Bore Hole ID:	10023544	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	461370.80
Code OB Desc:		***North83:***	5031582.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	05/10/1961	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930992004
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	80.0
Formation End Depth:	87.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 930992002

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

Layer: 1
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992003
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992005
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 87.0
Formation End Depth: 89.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501501
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572114
Casing No: 1
Comment:
Alt Name:

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

Construction Record - Casing

Casing ID:	930039956
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	89.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991501501
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	25.0
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454211
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	89.0
Water Found Depth UOM:	ft

16	1 of 1	W/60.7	89.7 / 0.15	ON	BORE

Borehole ID:	616273	***Inclin FLG:***	No
OGF ID:	215517062	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	JUL-1966	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.437592
Total Depth m:	32	***Longitude DD:***	-75.494536
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	461321
Drill Method:		***Northing:***	5031682
Orig Ground Elev m:	87.8	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	87.7		
Concession:			
Location D:			
Survey D:			

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

Comments:

Borehole Geology Stratum

Geology Stratum ID: 218403525
Top Depth: 0
Bottom Depth: 29.6
Material Color: Blue
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. BLUE.

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

Geology Stratum ID: 218403527
Top Depth: 31.4
Bottom Depth: 32
Material Color: Grey
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. GREY. 00105GREY. 00089OCITY = 5000. BEDROCK. SEISMIC VELOCITY = 13000. K.

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

Geology Stratum ID: 218403526
Top Depth: 29.6
Bottom Depth: 31.4
Material Color:
Material 1: Gravel
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: GRAVEL.

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: 08781 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

17	1 of 1	W/60.8	89.7 / 0.15	lot 1 con 4 ON	WWIS

Well ID: 1501513
Construction Date:

Flowing (Y/N):
Flow Rate:

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

Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	12/14/1966
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1504
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	001
Depth to Bedrock:		***Concession:***	04
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501513.pdf

Additional Detail(s) (Map)

Well Completed Date:	07/03/1966
Year Completed:	1966
Depth (m):	32.004
Latitude:	45.4375908397211
Longitude:	-75.4945363825701
X:	-75.49453622064357
Y:	45.43759083293
Path:	150\1501513.pdf

Bore Hole Information

Bore Hole ID:	10023556	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	461320.80
Code OB Desc:		***North83:***	5031682.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	07/03/1966	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930992036
Layer:	1
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	

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

Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992038
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 103.0
Formation End Depth: 105.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992037
Layer: 2
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 97.0
Formation End Depth: 103.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501513
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572126
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039973
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 105.0

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

Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991501513
Pump Set At:	
Static Level:	1.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	20.0
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

Water Details

Water ID:	933454223
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	105.0
Water Found Depth UOM:	ft

18	1 of 1	W/143.6	90.0 / 0.42	lot 1 con 4 ON	WWIS

Well ID:	1501510	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11/30/1965
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1504
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	001
Depth to Bedrock:		***Concession:***	04
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501510.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/24/1965

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

Year Completed:	1965
Depth (m):	28.6512
Latitude:	45.438349818293
Longitude:	-75.4959494468748
X:	-75.49594928442541
Y:	45.43834981089906
Path:	150\1501510.pdf

Bore Hole Information

Bore Hole ID:	10023553	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	461210.80
Code OB Desc:		***North83:***	5031767.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	08/24/1965	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Overburden and Bedrock Materials Interval

Formation ID:	930992028
Layer:	1
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992029
Layer:	2
Color:	
General Color:	
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	90.0
Formation End Depth:	94.0
Formation End Depth UOM:	ft

Method of Construction & Well

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

Use

Method Construction ID: 961501510
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572123
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039969
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991501510
Pump Set At:
Static Level:
Final Level After Pumping: 20.0
Recommended Pump Depth: 20.0
Pumping Rate: 6.0
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: Yes

Water Details

Water ID: 933454220
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 94.0
Water Found Depth UOM: ft

19	***1 of 1***	***WNW/146.5***	***88.7 / -0.85***	***lot 4 con 11 ON***	***WWIS***

Well ID: 1512858
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1

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

Final Well Status:	Water Supply	**Date Received:**	07/30/1970
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	004
Depth to Bedrock:		**Concession:**	11
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512858.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/03/1969
Year Completed:	1969
Depth (m):	24.9936
Latitude:	45.4395704834206
Longitude:	-75.494681536822
X:	-75.49468137470365
Y:	45.43957047567433
Path:	151\1512858.pdf

Bore Hole Information

Bore Hole ID:	10034846	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461310.80
Code OB Desc:		**North83:**	5031902.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	09/03/1969	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931021741
Layer:	1
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0

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

Formation End Depth:	75.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931021742
Layer:	2
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	75.0
Formation End Depth:	82.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961512858
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10583416
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930061718
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	82.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991512858
Pump Set At:	
Static Level:	5.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	25.0
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

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

Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934639002
Test Type:	Draw Down
Test Duration:	45
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934896484
Test Type:	Draw Down
Test Duration:	60
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934378004
Test Type:	Draw Down
Test Duration:	30
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934098891
Test Type:	Draw Down
Test Duration:	15
Test Level:	20.0
Test Level UOM:	ft

Water Details

Water ID:	933468348
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	82.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 1	WNW/184.2	89.0 / -0.54	6615 Renaud Road Navan ON K4B 1H9	EHS

Order No:	20190709134	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	NY
Report Date:	11-JUL-19	**Search Radius (km):**	.25
Date Received:	09-JUL-19	**X:**	-75.496047
Previous Site Name:		**Y:**	45.439256
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 1	WNW/190.6	88.6 / -1.02	KIDDY KARS ORLEANS 2356 MER BLEU,ORLEANS,PT.LOT 1 GLOUCESTER CITY ON K4A 3T8	CA

Certificate #: 8-4129-96-
Application Year: 96
Issue Date: 7/9/1996
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: COMMERCIAL KITCHEN EXHAUST HOOD
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 3	E/203.9	87.9 / -1.69	2447591 Ontario Inc. 2564 Tenth Line Road City of Ottawa, Ontario CITY OF OTTAWA ON	PTTW

EBR Registry No: 013-3032
Ministry Ref No: 3237-AYULAE
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 18, 2018
Proposal Date: June 04, 2018
Year: 2018
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: Permit to Take Water - OWRA s. 34
Off Instrument Name:
Posted By:
Company Name: 2447591 Ontario Inc.(OWRA s. 34) - Permit to Take Water
Site Address:
Location Other:
Proponent Name: 2447591 Ontario Inc.
Proponent Address: 50 Hines Road Ottawa Ontario Canada K2K 2M5
Comment Period:
URL: http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTM1MzYy&statusId=MjA3Mzgz&language=en

Site Location Details:

2564 Tenth Line Road
City of Ottawa, Ontario
CITY OF OTTAWA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	2 of 3	E/203.9	87.9 / -1.69	2447591 Ontario Inc. 2564 Tenth Line Rd Ottawa ON K2K 2M5	ECA

Approval No: 2302-B3NR68
Approval Date: 2018-08-17
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: 2447591 Ontario Inc.
Address: 2564 Tenth Line Rd

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

Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9913-B24Q4X-14.pdf
PDF Site Location:

22	3 of 3	E/203.9	87.9 / -1.69	2447591 Ontario Inc. 2564 Tenth Line Rd Ottawa, ON Canada ON	PTTW

EBR Registry No:	013-3784	**Decision Posted:**	March 27, 2020
Ministry Ref No:	6102-B4QKBU	**Exception Posted:**	
Notice Type:	Instrument	**Section:**	Section 34
Notice Stage:	Decision	**Act 1:**	Ontario Water Resources Act, R.S.O. 1990
Notice Date:		**Act 2:**	Ontario Water Resources Act
Proposal Date:	October 29, 2018	**Site Location Map:**	45.445224,-75.478886
Year:	2018		

Instrument Type: Permit to take water
Off Instrument Name: Permit to Take Water (OWRA s. 34)
Posted By: Ministry of the Environment, Conservation and Parks
Company Name:
Site Address: 2564 Tenth Line Rd Ottawa, ON Canada
Location Other:
Proponent Name: 2447591 Ontario Inc.
Proponent Address: 50 Hines Road Ottawa, ON K2K 2M5 Canada
Comment Period: October 29, 2018 - November 28, 2018 (30 days) Closed
URL: https://ero.ontario.ca/notice/013-3784

Site Location Details:

23	1 of 1	SSE/217.5	89.0 / -0.61	ND-des-Champs junkyard A 1975 Orleans ON K1G 3N4	ANDR

Legal Description: Cumberland Con 11 Lot 5 pt
Location Description: E side of Boundary Rd
Municipality: Cumberland Township
Current Municipality: Cumberland Township
RM: Ottawa-Carleton Region
Facility: Auto Junkyard
Date Active: 1973-75
Date Begun:
Date Complete:
Area (Ha): 1.875
Landfill Type:
Group Name:
Operated By:
Serial: JY OTC21 1975
NTS: 31G06
Diameter (m): 150

Historical Summary:

ND-des-Champs junkyard A 1975 1968 NTS Map 31G06 Not marked [1968 NTS 1:50,000 Map Russell ON Sheet 31G06 Edition 3 (air photos 1964, field surveys 1960, culture check 1965, printed 1968)]. 1976 NTS Map 31G06 Junkyard marked, 150m x 125m, E side of Cumberland/Gloucester townline [1976 NTS 1:50,000 Map Russell ON Sheet 31G06 Edition 4 (air photos 1975, culture check 1975, information 1975, printed 1976)]. Cumberland Township explores ways of curbing the problems posed by auto wreckers. One key area of concern is the boundary road between Gloucester and Cumberland townships (Ottawa Journal May 10 1973).

Waste Type:
UTM X Nad 27: 461550
UTM Y Nad 27: 5031125
UTM Zone: 18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	1 of 1	S/222.5	87.9 / -1.69	ON	BORE

Borehole ID:	616262	**Inclin FLG:**	No
OGF ID:	215517051	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	JUL-1963	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.434272
Total Depth m:	61	**Longitude DD:**	-75.492334
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	461491
Drill Method:		**Northing:**	5031312
Orig Ground Elev m:	86.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	86.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218403496	**Mat Consistency:**	
Top Depth:	54.9	**Material Moisture:**	
Bottom Depth:	56.4	**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:	218403495	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	54.9	**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:	218403497	**Mat Consistency:**	
Top Depth:	56.4	**Material Moisture:**	
Bottom Depth:	61	**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. 00200.0 FEET.000900000000500010100. BEDROCK. WEATHERED. BEDROCK.		

Source

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

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: 08770 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		

25	1 of 1	S/222.7	87.9 / -1.69	lot 1 con 4 ON	WWIS

Well ID:	1501506	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	08/27/1963
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	001
Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501506.pdf

Additional Detail(s) (Map)

Well Completed Date:	07/20/1963
Year Completed:	1963
Depth (m):	60.96
Latitude:	45.4342698946676
Longitude:	-75.4923339519032
X:	-75.4923337897333
Y:	45.43426988793695
Path:	150\1501506.pdf

Bore Hole Information

Bore Hole ID:	10023549	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461490.80
Code OB Desc:		**North83:**	5031312.00

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

Open Hole:
Cluster Kind:
Date Completed: 07/20/1963
Remarks:
Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
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: 930992019
Layer: 2
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 180.0
Formation End Depth: 185.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992020
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 185.0
Formation End Depth: 200.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992018
Layer: 1
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 180.0
Formation End Depth UOM: ft

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

Method of Construction & Well Use

Method Construction ID:	961501506
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572119
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039962
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	189.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039963
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	200.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991501506
Pump Set At:	
Static Level:	
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:	Yes

Water Details

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

Water ID: 933454216
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 200.0
Water Found Depth UOM: ft

26	1 of 2	S/237.1	87.9 / -1.69	Serge Henrie Sand & Gravel Ltd. 2486 Mer Bleu Road Ottawa ON	CA

Certificate #: 1196-5YFPPU
Application Year: 2004
Issue Date: 6/17/2004
Approval Type: Waste Management Systems
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

26	2 of 2	S/237.1	87.9 / -1.69	Serge Henrie Sand & Gravel Ltd. 2486 Mer Bleu Road Ottawa ON K4B 1H9	ECA

Approval No: 1196-5YFPPU
Approval Date: 2004-06-17
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: South Nation
MOE District: Ottawa
City:
Longitude: -75.48598
Latitude: 45.42394
Geometry X:
Geometry Y:
Approval Type: ECA-WASTE MANAGEMENT SYSTEMS
Project Type: WASTE MANAGEMENT SYSTEMS
Business Name: Serge Henrie Sand & Gravel Ltd.
Address: 2486 Mer Bleu Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8160-5X5RAH-14.pdf
PDF Site Location:

27	1 of 1	NW/238.5	87.3 / -2.25	2345 Mer-Bleue Road Orléans ON K4A 3T9	EHS

Order No: 22021400731
Status: C
Report Type: Standard Report
Report Date: 17-FEB-22
Date Received: 14-FEB-22
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.4952823
Y: 45.4402914

Unplottable Summary

Total: 4 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	
ECA	Mattamy (Mer Bleue 2) Limited		Ottawa ON	K2K 2M5
ECA	Mattamy (Mer Bleue) Limited	Part of	Ottawa ON	K2K 2M5

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: ***Mattamy (Mer Bleue 2) Limited***
Ottawa ON K2K 2M5

Database: ***ECA***

Approval No:	1434-BECJNT	***MOE District:***	
Approval Date:	2019-08-01	***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:	Mattamy (Mer Bleue 2) Limited		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8358-BDRS2P-14.pdf		
PDF Site Location:			

Site: ***Mattamy (Mer Bleue) Limited***
Part of Ottawa ON K2K 2M5

Database: ***ECA***

Approval No:	2254-A4KT9R	***MOE District:***	

Approval Date:	2015-12-04	***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:	Mattamy (Mer Bleue) Limited		
Address:	Part of		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0207-A47SUN-14.pdf		
PDF Site Location:			

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

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

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-Apr 2024

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-Apr 30, 2024

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 2022

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: Oct 2023

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-Apr 30, 2024

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 -May 2024

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-Jun 2024

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - July 31, 2024

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 - Aug 2023

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: Oct 2023

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-Jul 31, 2024

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 - July 31, 2024

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-Jul 31, 2024

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-Mar 31, 2024

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: Apr 30, 2022

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, 2023

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: Oct 2023

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-Jun 2024

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: Oct 31, 2021

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: Oct 2023

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-Oct 31, 2022

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 2022

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: 31 Oct, 2023

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: Mar 31, 2022

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 2024

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, 2022

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-Nov 2023

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 1993-2020: Federal NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic: 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. This data holds historic records; current records are found in NPR2.

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-May 31, 2024

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-Aug 2023

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 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 - July 31, 2024

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-Jul 31, 2024

NPRI Reporters - PFAS Substances: Federal PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI: Federal PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Potential PFAS Handlers from EASR: Provincial PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used.

Government Publication Date: Jun 30, 2024

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 PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - July 31, 2024

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, 1992-2021

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). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Jul 2024

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-Apr 30, 2024

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

Government Publication Date: 1988-Mar 2024; May 2024

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2021

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 - Apr 2023

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-Jul 31, 2024

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: Dec 31 2023

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

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.

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Appendix F

Freedom of Information

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Ontario

Ministry of the Environment, Conservation and Parks

Freedom of Information Request for Property Information

Instructions

Use this form to:

- submit and pay for a new FOI request for access to records/information about a property
- pay for a deposit or a final fee on an existing FOI request

Fields marked with an asterisk (*) are mandatory.

Are you: *

☑ Submitting a new FOI Request for Property Information

☐ Paying a deposit or final fee for an existing FOI Request for Property Information

Section 1 – Description of Records Requested

Time Period for Records Requested

From (yyyy/mm/dd) * 1900/01/01

To (yyyy/mm/dd) * 2024/09/11

Type of Record(s) *

☑ All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations

☑ Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

Select only if you are seeking access to an Approval or Registration that is not publicly available or if you are also seeking supporting documents relating to the Approval or Registration.

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:
https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en.

Records of Site Condition (RSC) records are publicly available on the Brownfields Environmental Site Registry (BSER).

- RSC records between 2004 to June 30, 2011 are available at:
  https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch
- RSC records filed after July 2011 are available at:
  https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc_search?request_locale=en

☐ Other Specific Document(s)

Type of Approval/Registration *

☑ Drinking Water Licenses

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Pesticide Licenses

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Only pesticide licenses post September 2018 are available. Prior to September 2018, only Pesticide license applications and supporting documentation is available

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Permits to Take Water

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

Water Source *

☑ Groundwater ☑ Surface Water

☑ Noise Vibrations Approvals/Registrations

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Air Emissions Approvals/Registrations

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Water Approvals/Registrations - Ontario Water Resources Commission, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster), mains

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Sewage – Treatment, Stormwater, Storm, Leachate & Lieachate Treatment & Sewage pump stations, Sanitary

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Waste Water - Industrial discharge

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Waste Sites - Disposal, Landfill sites, Transfer stations, Processing sites, Incinerator sites

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Waste Management Systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, Polychlorinated Biphenyls (PCBs) storage, transfer or destruction, Waste Generator Systems)

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

Company Name

☑ Waste Generator Registration - number/class

List any record(s) that should be excluded from the scope of your request (e.g. email correspondences; records originating from your organization/business; records already in your possession, prior year(s) annual reports for approvals)

Please provide any additional relevant information relating to your request. For example, does your request relate to any other ministry business? Please note that this information is being requested only in order to provide contextual information to the Access and Privacy Office and will not in any way affect or expedite the status of any related ministry business identified.

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Section 2 – Requester Information

Last Name *: VanNorman
First Name *: Candice
Middle Initial:

Business/Organization Name (if applicable or indicate "N/A") *: Cambium Inc

Project/Reference Number (if applicable): 20361-003

Are you submitting this request on behalf of a client? *
☐ Yes ☑ No

Mailing Address

Unit Number: 102
Street Number *: 31
Street Name *: Hyperion Court

PO Box:
City/Town *: Kingston
Province *: ON
Postal Code *: K7K 7G3

Telephone Number *: 613-453-0821
ext.:
Email Address *: candice.vannorman@cambium-inc.com

Is there an alternate contact (e.g. office admin)? *
☑ Yes ☐ No

Alternate Contact

Last Name *: Frommann
First Name *: Kurt

Telephone Number *: 613-876-5784
ext.:
Email Address *: kurt.frommann@cambium-inc.com

Section 3 – Current Property Address Information

Is the property a:
☐ Park ☐ Lake ☐ First Nation Band ☐ Wind Farm ☐ Federal Land ☐ Island ☐ Unsurveyed Land

Are you requesting information about multiple addresses? *
☑ Yes ☐ No

Please only submit a request with multiple addresses if the property is one site. To be considered one site, addresses must be adjacent to each other and owned by the same owner(s).

Do the multiple addresses belong to one site? *
☑ Yes ☐ No

Please submit a separate FOI request for each address.

Site Name: 2405, 2419, 2431 Mer Bleue Road

Property Address

Unit Number:
Street Number: 2405
Street Name: and 2419 and 2431 Mer-Bleue Road

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Full Lot Number

Concession

Geographic Township

City/Town/Village *

Orleans

Closest Intersection

Mer-Bleue Road and Renaud Road

Section 4 – Previous Property Address Information

Do you want the ministry to search all prior historical addresses for this property/site for the time period of the records requested? *

☐ Yes ☑ No

Section 5 – Owner Information

Please provide all present and previous property owner and/or tenant names for the search years requested.

Current Property Owner/Tenant

2405 and 2419 and 2431 Mer-Bleue Road
Orleans

Owner Name

N/A

Date of Ownership (yyyy/mm/dd)

Tenant Name

Section 6 – Supporting Documents

Please upload any documents (e.g. Maps) that are relevant to your FOI request.

The total size of all attachments must not be more than 8 MB.

1. File Name

Total File Size

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Payment confirmation number: 30403895

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

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

www.tssa.org

18 September 2024

Candice VanNorman
Cambium Inc.
52 Hunter Street East
Peterborough, ON K9H 1G5

Subject: **2405 Mer-Bleue Road, Orleans, Ontario, Canada, K4A 3V1**
Your File No.: **20361-003 Orleans**
WO No.: **14436774**

Dear Madam/Sir:

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

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

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

**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,

K. Gage

Kimberly Gage
Public Information Services

Limitations and Notices:

General:

TSSA, as a safety regulator, uses inspection resources to address the greatest harm posed to the public. Thus, inspection only follows-up on safety orders it issues based on the degree of risk posed by the non-compliance identified in the order(s). All high-risk orders will result in a follow-up inspection by TSSA until the non-compliance is resolved. TSSA no longer follows-up on low or medium risk orders referred to as safety tasks, therefore, TSSA can no longer provide you with a report indicating the safety tasks (low and medium-risk orders) have been resolved. This information should be obtained from the device/facility owner or their contractor. One can also engage a third-party contractor to confirm device/facility compliance.

The Public Information Department, (PID), can only provide ***existing*** records for a specific location, facility, or device. If an inspection or any other type of record does not exist, PID cannot instruct TSSA to do work, such as an inspection, to create a record. TSSA, as an outcome-based regulator, deploys all of its resources, including, inspections to address the greatest harm posed to the public; and as such, cannot deploy resources to create records to satisfy an inquiry.

Please Note: *While the PID provides existing records for a specific location, facility, or device; it does not interpret or provide further explanations of the content contained in the document.*

Change of Ownership

Please be advised, if the new owner has acquired a property that contains TSSA regulated devices, i.e. elevators, boilers and pressure vessels, they would be required to complete a change of ownership to obtain new licences. Visit our website at www.tssa.org under the Licencing & Registration section for the Change of Ownership process or contact our Customer Service department at 1.877.682.8772

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.
- If records being released to you relate to private fuel outlets ("PFOs") or fuel oil furnace tanks, please note the following:
    - PFOs are defined in O. Reg. 217/01 (Liquid Fuels), where "private outlet" means "any premise, other than a retail outlet, where gasoline or an associated product is put into the fuel tanks of motor vehicles or floating motorized watercraft or into portable containers". After 2001, PFOs were no longer required to be licenced in Ontario. Thus, TSSA's records and information regarding PFOs is dated and unverified.
    - Underground furnace fuel oil tanks were required to be registered with TSSA commencing in 2001. These underground tanks are registered; however, TSSA does not inspect or verify the registered tank information. It is incumbent on the fuel distributor to ensure that the tanks are registered. Above ground fuel oil furnace tanks do not require TSSA registration.
    - Please be advised that while the TSSA releases information relating to PFOs or fuel oil furnace tanks pursuant to the TSSA's Access and Privacy Code, the TSSA cautions against reliance on this information.

- In particular, because PFOs do not require a license and there is no requirement to submit any documentation to TSSA for review or approval, TSSA has limited information on these facilities. The TSSA cautions that any information provided may be inaccurate, incomplete, or out of date.

- 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. Compliance is the responsibility of the owner or operator of the device.

- 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.

Federal Elevators

- Please be advised that without the express written consent of the owner, the TSSA does not release any information with respect to federal elevators or federal elevating equipment. The TSSA is a provincial regulator for the province of Ontario and federal elevators do not fall within the scope of TSSA's provincial mandate and the *Technical Standards and Safety Act* and associated Regulations. Further, the TSSA's Access and Privacy Code only applies to information collected, used, or disclosed by the TSSA in the course of TSSA's administration of the *Act*. Therefore, information with respect to federal elevators or federal elevator equipment is outside of the administration of the *Act,* and outside of the scope of the TSSA's Access and Privacy Codes.

Indigenous Lands

- Please be advised that the TSSA does not release any information with respect to indigenous lands, which are outside of the TSSA's mandate, without the express written permission from the Band. The *Technical Standards and Safety Act*, associated regulations, and TSSA's Access and Privacy Code does not apply to indigenous lands.

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TSSA Boilers and Pressure Vessels (BPVs) Program Notice:

- Be advised, TSSA does not typically periodically inspect BPVs. These inspections are usually performed by insurance companies.
- **Inspection reports may not be 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.

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Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

18 September 2024

Candice VanNorman
Cambium Inc.
52 Hunter Street East
Peterborough, ON K9H 1G5

Subject: **2419 Mer-Bleue Road, Orleans, Ontario, Canada, K4A 3V1**
Your File No.: **20361-003 2419**
WO No.: **14436780**

Dear Madam/Sir:

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

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

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

**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.

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

Yours truly,

K. Gage

Kimberly Gage
Public Information Services

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Please be advised, if the new owner has acquired a property that contains TSSA regulated devices, i.e. elevators, boilers and pressure vessels, they would be required to complete a change of ownership to obtain new licences. Visit our website at www.tssa.org under the Licencing & Registration section for the Change of Ownership process or contact our Customer Service department at 1.877.682.8772

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    - Underground furnace fuel oil tanks were required to be registered with TSSA commencing in 2001. These underground tanks are registered; however, TSSA does not inspect or verify the registered tank information. It is incumbent on the fuel distributor to ensure that the tanks are registered. Above ground fuel oil furnace tanks do not require TSSA registration.
    - Please be advised that while the TSSA releases information relating to PFOs or fuel oil furnace tanks pursuant to the TSSA's Access and Privacy Code, the TSSA cautions against reliance on this information.

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- Fuels Safety Division does not register

  - private waste oil tanks in apartments, office buildings, residences etc.; and

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- 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.

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Appendix G

Aerial Photo Summary

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Year	Source	Notes
1965	Ottawa	The Site appears to consist of agricultural land with an associated residential dwelling and a barn, not similar in size and configuration to the current Site Building. The surrounding area appears to consist primarily of vacant undeveloped/agricultural land, with the exception of residential dwellings north, south and west of the Site.
1976	Ottawa	There were no significant changes to the Site, with the exception that a residential dwelling, similar in size and configuration to the current Site Building is evident. There were no significant changes to the surrounding area, with the exception of residential dwellings south.
1987	NAPL	There were no significant changes to the Site and surrounding area, with the exception of a residential dwelling, not similar in size and configuration to the current Site Building, is evident on the south portion of the Site.
1991	Ottawa	There were no significant changes to the Site and surrounding area.
2002	Ottawa	There were no significant changes to the Site and surrounding area, with the exception that a storage yard is evident on the south portion of the Site.
2014	Ottawa	There were no significant changes to the Site and surrounding area.
2023	Ontario	There were no significant changes to the Site and surrounding area.

Ontario – Open Government License - Ontario
NAPL – National Air Photo Library
Ottawa – City of Ottawa ArcGIS

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Appendix H

Photographs

Docusign Envelope ID: 0BF5935E-6456-4099-8FB9-9A49FE2E6F55

Photo 1 North portion of the Site Building, September 13, 2024.

Photo 2 West portion of the Site Building, September 13, 2024.

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Photo 3 Central portion of the Site, September 13, 2024.

Photo 4 South portion of the Site, September 13, 2024.

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Photo 5 Clean fill material pile (i.e., gravel) located on the south portion of the Site, September 13, 2024.

Photo 6 East portion of the Site, September 13, 2024.

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Photo 7 Properties located north of the Site, September 13, 2024.

Photo 8 Property located south of the Site, September 13, 2024.

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Photo 9 Properties located east of the Site, September 13, 2024.

Photo 10 Property located west of the Site, September 13, 2024.