REPORT

Phase One Environmental Site Assessment

4840 Bank Street, Ottawa, Ontario

Submitted to:

4840 Bank Street Ltd. c/o The Regional Group
1737 Woodward Drive
2nd Floor Ottawa, Ontario K2C 0P9

Attention: Stefanie Kaminski

Submitted by:

Golder Associates Ltd.
1931 Robertson Road, Ottawa, Ontario, K2H 5B7, Canada

+1 613 592 9600

20142688

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Distribution List

1 e-copy - 4840 Bank Street Ltd. c/o The Regional Group

1 e-copy - Golder Associates Ltd.

Executive Summary

Golder Associates Ltd. ("Golder") was retained by 4840 Bank Street Ltd. c/o The Regional Group (Regional) to conduct a Phase One Environmental Site Assessment ("Phase One ESA") for the property located at 4840 Bank Street in Ottawa, Ontario (hereinafter collectively referred to as the "Site" or "Phase One Property"). The Site is located on the west side of Bank Street, south of the Findlay Creek Village development area and has an approximate area of 1.54 hectares (3.8 acres). The Site is vacant land overgrown with vegetation.

It is understood that the Phase One ESA is being carried out for Site Plan Application purposes with the City of Ottawa ("the City") and that a Record of Site Condition (RSC) pursuant to *Ontario Regulation 153/04 – Records of Site Condition – Part XV.1 of the Act*, made under the *Environmental Protection Act,* will not be filed for the Site. It is understood that the Site is proposed to be developed as a residential subdivision. The Phase One ESA was completed in accordance with the Ontario Regulation (O.Reg.) 153/04 as amended in order to comply with the City's current Official Plan requirements that all Phase One ESA reports that are submitted for Site Plan Approval have to be completed in accordance with the O.Reg.153/04 as amended.

The Executive Summary highlights key points from the report only; for complete information and findings, as well as the limitations, the reader should examine the complete report.

The Phase One ESA was completed in accordance with the requirements of Schedule D of O.Reg.153/04 as amended and included a review of available current and historical information regarding the Site and surrounding properties, a Site reconnaissance, interviews, evaluation of readily available information, and reporting, subject to the limitations outlined in Section 8.0 of this report. The Site is not considered an enhanced investigation property as defined by O. Reg. 153/04.

Based on the survey plan provided by Regional, the Site is located in the southeast of the following parcel, described in the previous Phase One ESA, Part of lot 22, Concession 4 (Rideau Front), being Parts 1 and 2 on Registered Plan 5R-13257, Township of Gloucester. The Site municipal address is 4840 Bank Street, Ottawa, Ontario.

At the time of the Site visit on May 16, 2022, the Site was vacant land overgrown with trees and vegetation. Some clear cutting had been done to accommodate the initial stages of development including surveying and the installation of geotechnical boreholes.

Historically, the Site was used for agricultural purposes and was unoccupied until 1999 when two small buildings were constructed. These buildings are inferred to be a house and a garage and were removed by 2013. From 2013 until present the Site has been undeveloped land, overgrown by trees and vegetation. The initial stages of clear cutting and geotechnical work were in progress during the May 16, 2022 site visit.

At the time of the Phase One ESA, the neighbouring properties within the Phase One Study Area consisted of vacant or forested lands with some residential and commercial land uses to the north, south and east, along Bank Street.

Based on the information collected as part of this Phase One ESA, two PCAs were identified, a former UST at 4836 Bank Street and an autobody shop at 4856 Bank Street, but neither represented an APEC to the Site. A Phase Two ESA is not recommended to be carried out at the Site.

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1.0 INTRODUCTION

1.1 Phase One Property Information

Golder Associates Ltd. ("Golder") was retained by 4840 Bank Street Ltd. c/o The Regional Group (Regional) to conduct a Phase One Environmental Site Assessment ("Phase One ESA") for the property located at 4840 Bank Street in Ottawa, Ontario (hereinafter collectively referred to as the "Site" or "Phase One Property"). The Site is located in the south part of Ottawa, on the west side of Bank Street, south of the Findlay Creek Village development area and has an approximate area of 1.54 hectares (3.8 acres). The Site is vacant land overgrown with vegetation and grass. It is understood that the Site is proposed to be developed with a residential subdivision

The general Site location is shown on Figure 1.

Based on the survey plan provided by Regional, the Site is located in the southeast of the following parcel described in the previous Phase One ESA, Part of lot 22, Concession 4 (Rideau Front), being Parts 1 and 2 on Registered Plan 5R-13257, Township of Gloucester. The Site municipal address is 4840 Bank Street, Ottawa, Ontario.

Authorization to proceed with this Phase One ESA was received from Stefanie Kaminski at Regional on behalf of 4840 Bank Street Ltd. on April 27, 2022.

Contact information for the Site including the current owner is provided as follows:

Table 1: Phase One ESA Property Information

Address	Current Site Owner	Contact Information
4840 Bank Street, Ottawa, ON	4840 Bank Street Ltd. c/o The Regional Group	Stefanie Kaminski 4840 Bank Street Ltd. c/o The Regional Group 1737 Woodward Drive 2nd Floor Ottawa, Ontario K2C 0P9
	Former Site Owner	**Contact Information**
	Domenic Idone	613-822-1867 didone@tomlinsongroup.com

A Site plan is provided as Figure 2.

2.0 SCOPE OF INVESTIGATION

A Phase One ESA is a preliminary qualitative assessment of the environmental condition of a property, based on a review of current activities and historical information for the subject property and a review of relevant and readily available environmental information for the surrounding properties within 250 m radius of the boundaries of the Site (collectively referred as "Phase One Study Area).

According to Ontario Regulation (O.Reg. 153/04) the objectives of a Phase One ESA are to:

1) To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Study Area.

2) To assess the need for Phase Two Environmental Site work.

3) To provide a basis for carrying out any Phase Two Environmental Site work.

4) Provide adequate preliminary information about environmental conditions in the land or water on, in or under the Phase One Property for the conduct of a risk assessment following completion of a Phase Two ESA.

5) To identify and report on evidence of actual and/or potential contamination on the Site from current and historical activities at the Site or from adjacent properties.

The Phase One ESA was completed in accordance with O.Reg. 153/04, as amended. It is understood that the Phase One ESA is required for Site Plan Application purposes and that a Record of Site Condition (RSC) pursuant to *Ontario Regulation 153/04 – Records of Site Condition – Part XV.1 of the Act*, made under the *Environmental Protection Act*, will not be filed for the Site. The Site is not considered an enhanced investigation property as defined by O.Reg. 153/04 (as amended). It is noted that Golder completed a Phase One ESA of the Subject Property and a larger area to the west most recently in 2013. The information and findings of the previous Phase One ESA have been incorporated into this Phase One ESA where applicable and summarized in Section 3.1.6.

3.0 HISTORICAL RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

For the purpose of this Phase One ESA, the Phase One Study Area is shown on Figure 2 and is defined as the Site and the area within approximately 250 m of the boundaries of the Site. Based on Golder's review of the historical and current information completed as part of the Phase One ESA for the area surrounding the Site and observations made during the Site visit, it was concluded that assessing information pertaining to properties within 250 m of the Site was sufficient to achieve the objective of the Phase One ESA.

3.1.2 First Developed Use Determination

Based on a review of historical air photos, land grading and the construction of what is inferred to be a house and garage can be observed in the 1999 air photos (geoOttawa). The house and garage are then demolished by the between April and August 2013 as seen in air photos (Google Earth). Earlier air photos show the undeveloped land as partly forested. Two main areas of gravel can be seen where the house and yard had been. Scattered automobiles are parked in this area from 2013 until present day.

3.1.3 Review of Fire Insurance Maps and Reports

Given the age and recently rural nature of the Site, no FIPs were available for review.

3.1.4 Chain of Title

Chain of Title information was not ordered as the Site has never been developed beyond the residential farmhouse use. It is considered that the information to be provided in a Chain of Title would not contribute additional environmental information relevant to the Phase One ESA.

3.1.5 Review of Street Directories

Golder ordered a Street Directory search from ERIS for the years 1964, 1969, 1974, 1979, 1984, 1988/89, 1994/95, 1999/2000, 2004/05 and 2010 along Bank Street and Blais Road. The review of the street directories indicated the following:

- The Site was never listed.
- Indications of development along Bank Street only first appeared in 2004/05 with the following listings on Bank Street:
  - In 2004/05: Provincial Wood, Allied Flooring and Changes for Women (4806 Bank Street), Acceptable Storage (4869 Bank Street).
  - In 2010: Fit Vision and Allied Flooring (4806 Bank Street), U-Haul Co., Ron's Rental World and Ottawa Camping Trailers (4815 Bank Street), and Home Hardware (4836 Bank Street).

Based on the results of the Street Directories, there are no obvious issues of potential environmental concern for the Site at 4840 Bank Street. The 4815 Bank Street is considered a PCA due to the fueling and repair activities, however, although the property is within 250 metres the activities (buildings) themselves fall outside the Study Area.

3.1.6 Environmental Reports

Two previous Phase One ESAs were completed for the Site by Golder in 2008, and 2013 described in the environmental reports entitled *"Phase I Environmental Site Assessment, 4840 Bank Street, Ottawa, Ontario"* prepared for Regional, dated April, 2008 (2008 Golder Phase I ESA) and October, 2013 (2013 Golder Phase I ESA).

The 2008 Phase One ESA was completed for due diligence purposes associated with the potential purchase of the Site. The 2008 Golder Phase One ESA report concluded that no issues of potential environmental concern were identified. However, at the time the report was issued not all responses had been received from the regulatory bodies. Following the issuing of the 2008 Golder Phase One ESA report, a response from the City of Ottawa was received by Golder on June 13, 2008 in response of the Phase One ESA Golder request for environmental related information for the Site. The review of the City's response is provided in the letter entitled "*Phase One Environmental Site Assessment, 4840 Bank Street, City of Ottawa Response, Ottawa, Ontario*" prepared by Golder for Regional, dated June 18, 2008. Based on the review of the City's response, an issue of potential environmental concern was identified associated with the reported former presence of a bulk fuel facility – UCO Petroleum Inc. and associated former underground storage tank (UST) and aboveground storage tank (AST) on the adjacent property northeast of the Site (4836 Bank Street, currently occupied by a Home Hardware business). Golder conducted further investigation for the adjacent property (4836 Bank Street) by collecting additional historical information for this property which is described in the letter entitled *"Phase One Environmental Site Assessment, 4840 Bank Street, Additional Investigation, Ottawa, Ontario"* prepared by Golder for Regional and dated June 23, 2008. Based on the additional background information collected by Golder, it was found that the former UST was located at the south side and the AST was located at the northwest side of the building located on the property, respectively. It was noted that there is a buffer strip of land with a width of approximately 70 metres between the former UST location and the closest Site boundary. This strip of land is part of the 4836 Bank Street property. In addition, the slope of the local topography is towards north, such that the 4836 Bank Street property is downslope of the Site. Based on the abovementioned considerations, Golder

concluded that the likelihood of subsurface impacts due to historical use of the adjacent land northeast of the Site by UCO Petroleum Inc. and associated UST and AST is greatly reduced and no further investigation was recommended at that time.

The 2013 Phase One ESA was completed for a larger land parcel that included Block 204. Based on the information collected as part of this Phase One ESA, the UST and the AST are potentially contaminating activities (PCAs) but neither is considered to be an area of potential concern (APEC) to the Phase One Study Area. A Phase Two ESA was not recommended to be carried out at the Site.

In addition to the environmental reports completed for the Site as described above, the following reports completed 4800 Bank Street and for the adjacent property northeast of the Site (4836 Bank Street which was previously occupied by UCO Petroleum Inc. and the former UST) were provided to Golder for review as part of this Phase One ESA:

- Report entitled “Phase I Environmental Site Assessment, Part of Lots 21 and 22, Concession 4, Rideau Front, Gloucester Ward, City of Ottawa”, completed by Morey Houle Chevrier Engineering (“Morey Houle”) for Capital Engineering Group, dated June 2003. This report was completed for the property located at 4800 Bank Street which is currently vacant land located west of the Site. The report concluded that potential environmentally related issues identified at the property were the possible presence of pesticides and herbicides from the previous agricultural use of the land. There was also potential for noise, dust and vibration associated with vehicular traffic on Highway 31 (Bank Street) as well as from the Ottawa International Airport and the Ottawa Carleton Raceway. Based on the results of the study, Morey Houle indicated that no major environmental concerns were identified at this property.

- Report entitled “Phase I/II Environmental Audit, Ottawa Co-Op (Leitrim)” completed for the property at 4836 Bank Street by XCG Environmental Services (“XCG”) for the United Co-operatives of Ontario, dated July 19, 1994.

The report concluded that soil remediation would be needed in the area of the former gasoline UST that was located on the south side of the building adjacent to the east end of the loading dock.

- Report entitled “Ottawa Co-Op (Leitrim) Remediation Activities” completed for the property at 4836 Bank Street by XCG for the United Co-operatives of Ontario, dated December 9, 1994.

The review of the report indicated that the remediation activities undertaken at the Ottawa Co-op property in former gasoline UST location resulted in the removal of 276 tonnes of petroleum hydrocarbon tainted soil to the Huneault Waste Management landfill in Navan, Ontario. It was indicated that the remediation efforts were successful in achieving the then applicable Level 2 (or better) Interim Guideline clean-up criteria values at all portions of the excavation with the exception of one location under the building foundation. Here, benzene was present at a concentration between Level 2 and Level 3 Interim Guideline criteria, however, according to XCG it was not believed that further excavation should be attempted because of the possible effect on the structural integrity of the building and the low environmental impact presented by the remaining tainted soils.

- Report entitled “Phase I ESA, 4836 Bank Street, Ottawa, Ontario” completed by Pinchin Environmental Services (“Pinchin”) for the Ottawa Feed and HW, dated August, 2013.

  Based on Pinchin’s historical review and interviews with the on-site representatives, a former gasoline UST was reportedly located along the south side of the site building adjacent to the east end of the loading dock.

Based on previous subsurface investigations and remediation completed at the property by XCG in 1994, it was concluded that residual petroleum and benzene impacts may be present in soil and groundwater in the vicinity of the former gasoline UST. It was indicated that these impacts could exceed the current MOE guidelines as outlined in their document. “Soil, Groundwater and Sediment Standards for Use under Part XV.1 of the Environmental Protection Act”, MOE, April 15, 2011. A Phase II ESA was recommended by Pinchin to investigate this area of potential environmental concern.

- Report entitled “Phase II ESA, 4836 Bank Street, Ottawa, Ontario” completed by Pinchin for Ottawa Feed and HW, dated August, 2013.

Pinchin retained Strata Soil Sampling Inc. to advance two boreholes (BH-1 and BH-2) on August 12, 2013. One borehole was completed as a groundwater monitoring well (MW-1) to enable groundwater sampling at the Site. The boreholes were advanced to a maximum depth of 3.0 metres below ground surface (mbgs) using a Geoprobe 7822 DT direct push drill rig. Data collected during the borehole drilling program indicate that the soil stratigraphy at the drilling locations below the gravel surface was observed to generally consist of sand and gravel fill with some silt throughout, that extended to a maximum depth of 3.0 mbgs where inferred bedrock was encountered. Based on Site specific information, the soil and groundwater quality was assessed based on the MOE Table 2 Standards for industrial/commercial/community property land use in a potable groundwater condition and medium/fine-textured soils (Soil, Groundwater and Sediment Standards for Use under Part XV.1 of the Environmental Protection Act”, MOE, April 15, 2011).

The Phase Two ESA results indicated the following:

- The soil sample submitted for analysis from borehole BH-2 had concentration of PHC (F1) and ethylbenzene exceeding their respective MOE Table 2 Standards. The reported concentrations in the soil sample from BH-1 submitted for analysis of PHCs (F1-F4) and BTEX satisfied their respective MOE Table 2 Standards.
- All reported concentrations in the groundwater sample collected from MW-1 completed in the general excavation area where the former UST was located and submitted for analysis of PHCs (F1-F4) and BTEX satisfied their respective Table 2 Standards.

Based on the findings of this Phase Two ESA, Pinchin concluded that borehole BH-2 had concentrations of PHC F1 and ethylbenzene exceeding the MOE Table 2 Standards, however, these residual impacts were considered to be localized and minor in nature, and as such, it was concluded that no further subsurface investigation was required for the property at this time.

Based on the information obtained from the review of the above listed reports, Golder is of the opinion that it is unlikely that the Site has been impacted by the former UST previously located at 4836 Bank Street based on the following considerations: 1) the location of the former UST (approximately 70 m north of the Site), 2) the former UST was located down-gradient of the Site, 3) the source of contamination was remediated and the level of remnant soil contamination beneath the building at 4836 Bank Street was indicated to not greatly exceed the current MOE standards, and 4) the concentrations of PHC F1 to F4 and BTEX in the groundwater sample collected from the MW-1 installed in the area of the remedial excavation were below the method detection limit and MOE Table 2 Standards at the time of the Pinchin Phase II ESA (August 2013). As such, it is considered that this former off-Site PCA does not represent an issue for the Site and does not result in an APEC on the Site.

3.1.7 Geotechnical Reports

A preliminary geotechnical investigation was carried out at the Site by Golder as part of the proposed residential development on the Site, which is described in the report *entitled "Preliminary Geotechnical Investigation, Proposed Residential Development, Idone Property, 4840 Bank Street, Ottawa, Ontario"* prepared for Regional, dated May 12, 2008 (2008 Golder Geotechnical Report). The purpose of the geotechnical investigation was to assess the subsurface, bedrock and groundwater conditions at the Site by means of a limited number of test pits.

Based on the preliminary geotechnical investigation, the subsurface conditions encountered at the Site were variable, consisting of layered deposits ranging from silty sand, sand, silt, glacial till to sand and gravel, with the bedrock surface at depths ranging from approximately 1.1 to 3.7 mbgs. The groundwater level in the test pits was observed at depths ranging between 0.3 and 1.8 mbgs.

3.2 Environmental Source Information

3.2.1 Ministry of the Environment Access Database

The MOE online database "Access Environment" was searched with respect to active orders and approvals for the Site. A total of four orders were found in the Access Environment database, three Environmental Compliance Orders issued to developers for wastewater and stormwater infrastructure and one limited pesticide vendor license issued to the Ottawa Feed & Hardware Inc. These records do not indicate a potential concern for the Site.

3.2.2 City of Ottawa - Historical Land Use Inventory (HLUI)

The City of Ottawa Historical Land Use Inventory was reviewed for the Site and surrounding properties within the Study Area. At 4836 Bank Street, the current location of the Home Hardware and directly north of the Site, there are records for the wholesale of petroleum products in 1994 (UCO Petroleum Inc.) and the wholesale of agricultural products for 2001 and 2005 (Country Depot- inferred Home Hardware). The wholesale of petroleum products is considered an PCA but since the remediation work undertaken is not considered to be an APEC to the Phase One Site. Jordan Autoservice at 4856 Bank Street, is located approximately 150m south of the site. HLUI records from 2001 and 2005 indicate the wholesale of motor vehicles. Based on the site visit vehicle repairs occur on this property and therefore this activity is considered a PCA. However, due to the distance from the Phase One Property, it is not considered an APEC. The remaining historical land use records are associated with the commercial property approximately 250 metres to the southeast of the Site. They include Travel-Mor Trailer Sales (wholesale and repair of motor vehicles) and a record in 1998 for a gasoline service station lists Hume Trading Co as the company name. Although the HLUI indicates the listings may be located on the lands across Bank Street from the Site, an investigation of the air photos indicates the likely location of any such activities to be approximately 250m or more away from the Phase One Site area to the southeast at the current location of a trailer sales and garage property. Therefore, this PCA is outside the Study Area and is not considered to be an APEC for the Phase One Property.

Golder also completed a review of the 2004 City of Ottawa Waste Disposal Sites Inventory indicated that the Site is not registered as an active or closed waste disposal site and that no active or closed waste disposal sites are located within 500 m of the Site.

3.2.3 Ministry of Natural Resources (MNR)

An information request was sent to the Ministry of Natural Resources ("MNR") on April 16, 2013 as part of the previous Phase One ESA. Records requested included any information relating to areas of natural significance in the vicinity of the Site, as well as any other environmental concerns that may be related to the Site and surrounding area.

The MNR responded on June 13, 2013 with the following comment:

Two Natural Heritage values were identified:

- Candidate Life Science ANSI (Albion Road Wetland)
- Provincially Significant Wetland (Leitrim Wetland)

The candidate ANSI has not been confirmed, and therefore is not considered provincially significant or provided protection under any legislation.

Endangered and Threatened species identified as potentially present in the local landscape include:

- Butternut (END)
- Chimney Swift (THR)
- Bobolink (THR)

During Golder's natural environment surveys of the Site, Butternut trees were observed; however, no habitat for Chimney Swift and/or Bobolink was observed on the Site. Golder is in the process of preparing an Environmental Management Plan and Environmental Impact Statement, under separate cover, for submission to the City of Ottawa.

3.2.4 Technical Standards and Safety Authority Correspondence

The Technical Standards and Safety Authority (TSSA) was contacted via e-mail to determine if any commercial fuel underground storage tanks (USTs) were registered on the Site or on the surrounding properties within 250 m of the Site. It should be noted that there is currently no requirement in Ontario to register private underground fuel oil storage tanks for heating purposes. The TSSA has maintained records since 1989.

Mrs. Sarah Quibell of the TSSA replied on October 9, 2013 and indicated that the TSSA have no records for any fuel storage tanks on the Site and that TSSA has a record of one inactive propane tank at 4863 Bank Street (approximately 280 m southeast of the Site, across Bank Street), which is not considered by Golder as an issue of potential environmental concern for the Site. A new request was not completed as there has been little to no changes to the site and adjacent lands since the 2013 Phase One ESA. Additional TSSA records were however captured in the recent ERIS report.

3.2.5 ERIS Report

As part of a Phase One ESA that Golder contracted the services of Environmental Risk Information Services Ltd. (ERIS) to conduct a search of their federal, provincial and private sector databases for information on this property and surrounding area within 250 m of the property. The complete ERIS report, including a brief description of each of the databases is included in Appendix B.

The following is a summary of the noteworthy findings as identified within the ERIS report for the Site and for the surrounding properties within the Phase One ESA Study Area:

Summary of the Site

The databases search for the Site found records for Environmental Compliance Approvals (ECA), Permit to Take Water (PTTW) and Water Well Information Systems (WWIS):

Environmental Compliance Approvals (ECA)

- Three (3) Environmental Compliance Approvals associated for the construction of sewer and stormwater infrastructure were found. These approvals are likely associated with earlier stages of residential development near the Site.

Permit to Take Water (PTTW)

- One (1) record for a Permit to Take Water was found related to the Site and is inferred to be associated with earlier stages of residential development.

Water Well Information System (WWIS)

- One (1) water well has reportedly been drilled on the Site for water supply purposes in 1975.

Summary of Identified Off-Site Facilities within 250 m from the Site

The databases that list properties within 250 m from the Site were searched and the following records were found:

Borehole (BORE)

Two (2) boreholes have been drilled in the vicinity of the Site likely for geotechnical or hydrogeology purposes. Most of the boreholes are located along the Bank Street corridor.

Environmental Compliance Approvals

One (1) Environmental Compliance Approval was found for the Home Hardware at 4836 Bank Street for sewer and stormwater works.

ERIS Historical Searches

Four (4) nearby sites were previously included in historical ERIS searches.

Ontario Regulation 347 Waste Generators Summary (GEN)

There are two (2) listings in this database. These listings are for the UCO Petroleum in the 1990's (4836 Bank Street) for light fuels. UCO Petroleum Inc. is no longer present. Home Hardware and Garden Centre is currently located at 4836 Bank Street. Issues associated with the former presence of UCO Petroleum Inc. and associated storage and handling of fuels at this property were previously addressed by others and is discussed in Section 3.1.6 of this report (Environmental Reports).

Pesticide Registry (PES)

There are four (4) listings in this database. These listings refer to Ottawa Feed & Hardware Inc. located at 4836 Bank Street (adjacent property northeast of the Site). This database generally refers to manufacturers and vendors of pesticides. It is considered that the listings are likely referring to pesticides vendors and not manufacturers.

Ontario Spills (SPL)

There is one (1) listing for this database. In 1994, an unknown amount of furnace oil was spilled to the basement and ground of a private residence at 4860 Bank Street. This residence is located approximately 180 m south of the Site.

Water Well Information System (WWIS)

There are ten (10) water well listings on the surrounding lands within 250 m of the Site for water supply purposes. These wells are generally located along the Bank Street corridor.

3.3 Physical Settings Sources

3.3.1 Aerial Photographs

Selected aerial photographs for the Site were obtained from the National Air Photo Library ("NAPL") in Ottawa, Ontario for years 1945, 1973, 1987, and 1996. In addition, the aerial photographs for 2002, and 2014 from the City of Ottawa geo-map (http://maps.ottawa.ca/geoOttawa/) and the 2021 aerial photo available on Google Earth (Google Earth, 2022) were reviewed on-line. Golder selected aerial photographs based on availability and date intervals, to help develop an understanding of the history of the development of the Site and surrounding properties (within 250 m). The information obtained from the aerial photographs is limited by the quality and scale of the available aerial photographs. Copies of all the aerial photographs obtained from the National Air Photo Library are presented in Appendix A.

Information obtained from the review of relevant aerial photographs is summarized in the table below.

Table 2: Aerial Photographs

Year Scale	Site	Surrounding Property Direction			
		North	East	South	West
1945	The Site appears to be cleared farmland.	Farmland.	Bank Street followed by forested land.	Farmland and forested lands.	Farmland.
1973	As per 1945.	As per 1945, however, a commercial building appears north of the Site (currently 4836 Bank Street)	As per 1945.	Buildings can be seen south along Bank Street. Fields and small forested areas are also visible.	As per 1945.
1987	As per 1973.	As per 1973 with the addition of large building on the corner of Bank Street and Blais Road.	As per 1973 with some small buildings across Bank Street from the Site.	As per 1973.	As per 1973
1996	As per 1987.	As per 1987.	As per 1987.	As per 1987.	As per 1987.
2002	Two buildings can be seen in the southeast corner of the site	As per 1996.	As per 1996.	As per 1996.	As per 1996.

Year Scale	Site	Surrounding Property Direction			
		North	East	South	West
2014	The two buildings from the southeast corner are no longer present.	A new residential subdivision can be seen to the northwest.	As per 2002.	As per 2002	As per 2002
2021	As per 2019.	A second large building and new parking area have been constructed at 4836 Bank Street (Home Hardware)	As per 2019.	As per 2019.	A new residential subdivision can be seen to the west of the site.

The review of aerial photographs indicates that the Site was used for agricultural purposes as early as 1945. By 1996 much of the farmland has become overgrown with sparse vegetation. Two buildings are constructed in 1999 and demolished by 2013. These buildings are inferred to be a house and garage. Since 2013 the site has remained undeveloped. The surrounding lands were agricultural or forested lands until 1973 when the lands along Bank Street north, south and east of the Site were gradually developed with some residential and commercial buildings. The commercial type building located on adjacent lands north of the Site (currently 4836 Bank Street) which first appeared on the 1973 aerial photograph is most likely associated with the former bulk fuel facility – UCO Petroleum Inc. Details regarding the former presence of this facility, the issues of potential environmental concern associated with the UCO Petroleum Inc. and the remedial activities completed at this property to address these issues are discussed in Section 3.1.6 of this report. As already mentioned in this section, the former presence of UCO Petroleum Inc. was addressed by others and the presence of this former facility is not considered an issue of potential environmental concern for the Site.

The aerial photographs review did not indicate any issues of potential environmental concern.

3.3.2 Topography, Hydrology, Geology

The following records were reviewed to identify topographic, geologic and hydrogeological conditions at the Site. A topographic map (Ontario Base Map) showing the Site and the Phase One Study Area and the location of any water bodies is provided in Figure 3. Refer to Section 5.0 for additional information on Site features, as observed at the time of the Site visit.

Topic	Conditions	Comment / Source
Topography of Site and Surrounding Area	The topography of the Site is generally flat lying but drops down in elevation to the northeast. The overall slope of the area is downwards to the northeast. The surrounding area generally rises in elevation to the southwest.	Site and surrounding area observations and Figure 3 – Topographic Map
Overburden Soils	Till, plain with local relief <5m Silty sand, sand, silt, glacial till to sand and gravel	Map 1506A, Surficial Geology, Ottawa, Ontario, Belanger J. R., Urban Geology of the National Capital Area, Geological Survey of Canada, Open file D3256, 2001. 2008 Golder Geotechnical Report
Type of Bedrock	Oxford Formation (dolomite)	Previous subsurface investigations in the area of the Site
Depth to Bedrock	1.1 to 3.7 mbgs	2008 Golder Geotechnical Report
Inferred Near Surface Groundwater Flow	Local shallow groundwater flow is in northeasterly direction towards Findlay Creek located approximately 800 m north of the Site.	Previous subsurface investigations in the area of the Site
Site Grade Relative to the Adjoining Properties	The Site is generally at grade with the adjacent lands to the south and west and slightly above the grade of the lands to the north.	Site observations
Depth to Groundwater	0.3 to 1.8 mbgs	2008 Golder Geotechnical Report

3.3.3 Fill Materials

Topic	Conditions	Comment / Source
Fill Materials	No piles of fill material were observed during the Site visit and reportedly no fill has been ever placed on the Site.	Site observations, 2008 Golder Geotechnical report, and 2013 Golder Phase I ESA

3.3.4 Well Records

Topic	Conditions	Comment / Source
Water Wells on Site (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling date, use)	Based on the ERIS report, a water well is reportedly located on the east part of the Site. The well was drilled in 1975 for industrial water supply purposes. The well was drilled to a depth of 38.1 mbgs into the bedrock. The depth to the static water table was 6.1 mbgs. The depth to the bedrock was 3.96 mbgs. The stratigraphy was sand, gravel and boulders to a depth of 3.96 mbgs where shale bedrock was encountered, which was underlain by limestone and sandstone. No water wells were observed on the Site during the Site visit.	The ERIS database report, 2013 Golder Phase I ESA, Site observations
Water Wells on the Neighbouring Properties (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling rate, use)	Based on the ERIS report, 10 water wells are located in the Phase One Study Area (within 250 metres of the Site). The soil profiles varied and can be referenced in the ERIS report in Appendix B.	The ERIS database report

3.4 Site Operating Records

At the time of the Site visit on May 16, 2022, the Site was vacant land overgrown with trees and vegetation. Some clear cutting had been done to accommodate the initial stages of development including surveying and the installation of geotechnical boreholes. As such, no Site operating records were available to be provided to Golder for review.

4.0 INTERVIEWS

For the purposes of this Phase One ESA no new site interviews were considered pertinent.

Mr. Domenic Idone, a former owner of the Site (the “Site Representative”), completed a Phase One ESA interview form on October 15, 2013. Based on the information provided by the Site Representative, the following information pertinent to the Phase One ESA was obtained:

- No vehicle fuelling or repairs has ever taken place on the Site.
- No spills of chemical products, liquid waste or hydrocarbons have occurred on the Site.
- No manufacturing or processing operation have been carried out on the Site.
- No pesticides or herbicides have been stored or used on the Site.
- No fill material has been placed on the Site.
- There are no fuel underground storage tanks (USTs) or aboveground storage tanks (“ASTs”) and there have never been any historical USTs or ASTs on the Site.

- The Site is connected to the municipal water system.
- No hazardous waste has been generated on the Site.

The interview information provided in 2013 by the Site Representative does not indicate any issues of potential environmental concern.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

Jennette Baker, a geoscientist at Golder conducted a Site visit on May 16, 2022. The duration of the Site visit was approximately 2.5 hours. The site visit included a tour of the site and a cursory inspection of neighbouring properties from the Site and publicly accessible areas. Sections 5.2 to 5.4 present the observations made during the Site visit. The Site visit was documented with photographs and additional notes.

At the time of the Site visit, the weather conditions were cloudy, and the temperature was approximately 13°C. No evidence of stains, sheens or stressed vegetation was observed by Golder at the Site. Photographs of some of the features noted during the Site visit are attached in Appendix C.

5.2 Site Specific Observations

At the time of the Site visit, some areas had been clear cut to facilitate the initial stages of surveying and geotechnical borehole installation (Photos A and B).

The specific observations made during the Site reconnaissance are presented herein.

5.2.1 Site Details

Topic	Observations	Comment / Source
Total Area of the Site	3.8 acres (1.54 hectares)	Site owner and City of Ottawa geo-map
Number and Age of Buildings on the Site	No buildings are present on the Site	Site Representative, Site observations, aerial photographs
Building Area	Not applicable	NA
Number of Floors (include all levels, whether above or below ground)	Not applicable	NA
Number, Age, and Depth of Levels Below Ground Level	Not applicable	NA
Approximate Percentage of Site Consisting of Landscaped/ Grassed/Bare Ground Areas	The entire Site is overgrown with vegetation and trees	Site observations
Approximate Percentage of Site Consisting of Paved or Other Sealed Surface Materials	0%	Site observations
Number and Details of all Aboveground Storage Tanks (“ASTs”)	No evidence of ASTs was observed on the Phase One Property	Site observations, Site Representative

Topic	Observations	Comment / Source
Number and Details of all Underground Storage Tanks ("USTs")	No evidence (fill/vent pipes extending through walls or slabs/ground surface, no staining or any obvious odours) was observed during the Site visit to indicate the former or current presence of fuel or chemical USTs. In addition, the Site Representative indicated that no historical or current USTs have been present on the Site.	Site observations, TSSA, ERIS Report, Site Representative
Asbestos-Containing Materials ("ACMs")	The Site has no buildings. ACMs are generally associated with building functions/material and, as such, ACM is not considered to be an issue of potential environmental concern.	Site observations
Polychlorinated Biphenyls ("PCB") Containing Materials and Equipment	The Site has no buildings. Therefore, the presence of building-related PCBs (switches, capacitors, fluorescent light ballasts) is not considered to be an issue of potential environmental concern. One pole- mounted transformer was observed at the adjacent property north of the Site, occupied by the Home Hardware store (Photo A).	Site observations
Lead-Based Paints ("LBPs")	The Site has no buildings. Lead is generally associated with building functions/material and, as such, lead is not considered to be an issue of potential environmental concern.	Site observations
Potable and Non- Potable Water Sources	Potable water is supplied to the Site by the municipal water system. There are no non-potable water sources at the Site.	Site Representative and Site observations
Utility Lines Present (i.e. Electrical, Natural Gas, other)	The Site is vacant undeveloped land and no utility drawings are available for the Site. A sign for a natural gas line was observed along Bank Street and the east Site boundary.	Site observations
Entry and Exit Points for Site Buildings	Not applicable.	Site observations

Topic	Observations	Comment / Source
Existing and Former Heating System(s) (include fuel type / source)	No building structures are currently present on the Site and as such, there are no existing heating systems on the Site. Details regarding the buildings in the southeast corner of the lot from 1999 - 2013 were not available.	Site observations, Site Representative
Existing and Former Cooling System(s) (include fuel type / source)	There are no existing or former cooling systems on the Site.	Site observations, Site Representative
Drains, Pits, and Sumps (include current use, if any, and former use)	None identified.	Site Representatives, Site observations
Unidentified Substances	None identified.	Site observations
Stains or Corrosion Located near a Potential Discharge Location	None identified.	Site observations
Location of any Current and Former Wells	No wells were observed on the Site during the Site visit. However, based on the information obtained from the ERIS report, water well is present on the east part of the Site. The Site Representative indicated that no former wells have been present on the Site.	Site observations, ERIS report, Site Representative
Sanitary/Process Wastewater Receptor	No sanitary or process wastewater is generated at the Site.	Site observations, Site Representative
Sanitary Sewer Connection	The Site is not connected to the municipal sanitary sewer.	Site Representative
Septic Systems	A septic system (raised bed) was reportedly present on the Site associated with the house previously located on the Site. The septic system was reportedly located north of the former house. No information was provided whether the septic system has been decommissioned or not.	Site observations, Site Representative
Storm Water Flow	The storm water runoff is towards drainage ditches along Bank Street and through natural infiltration into soil.	Site observations
Storm Sewer Connection	There is no storm sewer on the Site	Site observations, Site Representative
Ground Cover (i.e. grass, gravel, soil, or pavement, etc.)	The Site is covered by trees, shrubs and grass	Site observations

Topic	Observations	Comment / Source
Current or Former Railway Lines or Spurs	No railway lines or spurs were observed or reported on the Site.	Site observations and aerial photographs
Presence of Stained Soil, Pavement, or Stressed Vegetation	None identified.	Site observations
Presence of Fill and/or Debris Materials	Non observed or reported	Site observations, Site Representative
Operations at the Property	The Site is vacant land and no operations have been carried out at the Site.	Site observations, Site Representative
Hazardous Materials	No hazardous wastes were observed or reported to be produced or originated at the Site.	Site observations, Site Representative and ERIS Report
Products Manufactured at the Site	No manufacturing activities have been carried out at the Site.	Site observations, Site Representative and ERIS Report
By-Products and Wastes at the Site	There were some vehicles and miscellaneous equipment stored on the south east boundary of the Site associated with the neighbouring property.	Site observations, Site Representative
Raw Material Handling and Storage Locations	No raw materials were observed to be stored or handled on-Site.	Site observations
Details of Drums, Totes, and Bins	No drums, totes, bins or other storage containers were observed or reported to be stored on the Site.	Site observations, Site Representative
Oil/Water Separators	None identified or reported.	Site observations, Site Representative
Vehicle and Equipment Maintenance Areas	None identified or reported.	Site observations, Site Representative, and aerial photographs.
Spills	None identified or reported.	Site observations, Site Representative, and ERIS report
Liquid Discharge Points	None identified or reported.	Site observations, Site Representative
Hydraulic Lift Equipment	None identified or reported.	Site observations, Site Representative
Potentially Contaminating Activity	No potentially contaminating activities were observed during the Site visit	Site observations.

The location of the Site features is presented in Figures 2 and 3.

5.2.2 Enhanced Investigation Property

The Site has been historically used for agricultural and residential purposes and currently is vacant undeveloped land. As such, the Site is not considered to be an enhanced investigation property as stipulated in O.Reg. 153/04 (as amended).

5.3 Surrounding Land Use within 250 m of the Site

During the Site visit, a visual reconnaissance of the outdoor operations of the surrounding land use within 250 m of the Site was carried out. The visual reconnaissance was conducted from the subject Site and publicly accessible areas and identified land uses which may potentially impact the Site.

The surrounding properties include vacant/undeveloped lands, commercial and residential land use as presented on Figure 2.

North (Inferred Down-gradient)

- Home Hardware store and garden centre (4836 Bank Street), which was formerly occupied by UCO Petroleum Inc. (Photo C)
- Undeveloped forested land

East (Inferred Cross- gradient)

- Bank Street followed by vacant land. (Photo D)
- Hindu Temple (northeast). (Photo E)
- Meher Transport Inc., Leitrim Montessori Pre-School, Trailer Sales (southeast of the Site).

South (Inferred Up- gradient)

- Forested undeveloped lands.
- Residential houses, Auto Sales (4852 Bank Street), and Auto Sales, Auto Parts and Services (4856 Bank Street). (Photo F)

West (Inferred Cross- gradient)

- Forested undeveloped lands, and residential houses.

Generally, the surrounding lands are forested undeveloped lands with a few commercial and residential buildings along Bank Street. The PCA - Auto Sales, Auto Parts and Services is located approximately 150 m south of the Site and during the Site visit it was noted that this address is occupied by a residential house with a small garage probably used for car and auto-parts sales and some auto repairs. Given the small scale of this facility, the distance between the Site and Auto Sales, Auto Parts and Services, and that the Site is buffered by land and other properties in between, it is considered that the potential for subsurface impacts to the Site is limited. As such, the presence of this PCA is not considered to have resulted in an APEC to the Site.

Based on the aforementioned considerations, no APECs were identified associated with the current adjacent land uses.

5.4 Written Description of Investigation

At the time of the Phase One ESA Site visit (May 16, 2022), the Site consisted of approximately 3.8 acres (1.54 hectares) of undeveloped land overgrown with trees and vegetation. The civic address of the site is 4840 Bank Street in Ottawa, Ontario. The access to the Site is via Bank Street. At the time of the Site visit, some areas had been clear cut to facilitate the initial stages of surveying and geotechnical borehole installation.

The surrounding lands are vacant forested lands with some commercial and residential type buildings located along Bank Street.

No railway lines or spurs were present on the Site. A sign indicating the presence of natural gas lines was noted along the east Site boundary (along Bank Street). At the time of the Site visit, no ASTs were noted on the Site, as well as no evidence of the former or current presence of USTs was observed. No visible wells were observed to be present on the Site. No evidence of stained soil, discoloration or stressed vegetation was observed at the Site at the time of the Site visit. No PCAs were identified at the Site and only one PCA was noted within the Phase One Study Area (autobody shop 150 m south of the Site) which was not considered to have resulted in an APEC at the time of the Site visit. No water bodies or areas of natural significance were present in the Phase One Study Area.

Based on the above-mentioned observations, no evidence indicating the existence of APECs were identified during the Site visit.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Post Uses of the Site

The following table summarizes the property uses of the Site over time:

Year	Description of Property Use	Sources
Prior to 1945	The Site was occupied by agricultural land.	Aerial photographs, Site Representative
1999 to 2013	Two small buildings inferred to be a house and a garage located in the southeast corner of the Site.	Aerial photographs, 2013 interview with Site Representative, ERIS report, street directories
2013 to present	The site was undeveloped and consisted of areas of forest and field.	Aerial photographs, 2013 interview with Site Representative, ERIS report, street directories

6.2 Potentially Contaminating Activities (PCAs)

Potentially contaminating activities, if currently or historically carried out at a Site or in the Phase One ESA Study Area, may trigger a Phase Two ESA. Based on the information obtained as part of this Phase One ESA, the following off-Site former potentially contaminating activities were identified. These PCAs are not considered to represent an APEC for the Site:

Location	Potentially Contaminating Activities	Description of Potentially Contaminating Activities	Rationale as to why the PCA has resulted in an APEC or not
On the Phase One ESA Study area at 4836 Bank Street, north of the Site.	#28. Gasoline and associated products storage	Former presence of bulk fuel facility – UCO Petroleum Inc. and associated former fuel UST and AST on the property located approximately 70 m north of the Site.	Based on the information obtained from the review of previous environmental reports completed by others for 4836 Bank Street (refer to Section 3.1.6 of this report), no subsurface impacts associated with the former AST or the former use of this property by UCO Petroleum Inc. were identified during a Phase Two ESA completed by others in 1994. However, subsurface impacts associated with the fuel UST were identified at 4836 Banks Street. The fuel UST and AST were removed from this property in 1994 and remediation was completed to address PHC impacts associated with the former presence of UST. Following the remediation, a Phase Two ESA was completed in the area of the former UST in 2013 by Pinchin. Pinchin concluded that one of the soil samples collected during the Phase Two ESA had concentrations of PHC F1 and ethylbenzene exceeding the MOE Table 2 Standards, however, these residual impacts were considered to be localized and minor in nature, and as such, it was concluded that no further subsurface investigation was required for the property at this time. Based on the information obtained from the review of the previous reports completed for 4836 Bank Street, Golder is of the opinion that it is unlikely that the Site has been impacted by the former UST previously located at 4836 Bank Street based on the following considerations: 6) the location of the former UST (approximately 70 m north of the Site), 2) the former UST was located down-gradient of the Site, 7) the source of contamination was remediated and the level of remnant soil contamination beneath the building at 4836 Bank Street was indicated to not greatly exceed the current MOE standards, and,

Location	Potentially Contaminating Activities	Description of Potentially Contaminating Activities	Rationale as to why the PCA has resulted in an APEC or not
			8) the concentrations of PHC F1 to F4 and BTEX in the groundwater sample collected from the monitoring well installed during the 2013 Pinchin Phase Two ESA in the area of the remedial excavation were below the method detection limit and MOE Table 2 Standards at the time of the investigation. As such, it is considered that this former off-Site PCA does not represent an issue for the Site and does not result in an APEC on the Site.
On the Phase One ESA Study Area, 150 m south of the Site.	10. Commercial Autobody Shops	The storage and repair of automobiles involving metals and petroleum hydrocarbons.	Due to the small scale of this operation and its distance from the site (150m) this PCA is not considered to represent an APEC to the site.

Based on the information obtained as part of this Phase One ESA, neither of the two off-Site PCAs were considered to have resulted in an APEC.

6.3 Areas of Potential Environmental Concern (APECs)

Based on the information obtained as part of this Phase One ESA, no APECs were identified on the Site.

6.4 Conceptual Site Model

A Conceptual Site Model of the Phase One Study Area (as required by O.Reg. 153/04) is presented in the series of Figures, 1 to 8 (Figure 1: Key Plan, Figure 2: Site Plan, Figure 3: Topographic Map and Areas of Natural Significance, Figure 4: Surficial Geology, Figure 5: Bedrock Geology, Figure 6: Drift Thickness, Figure 7: Soil Survey Complex (Ontario Soils) and Figure 8: Physiography Map) showing:

- Existing buildings and structures;
- Water bodies and areas of natural significance located in the Phase One Study Area;
- Water wells on the Phase One Property;
- Roads (including names) within the Phase One Study Area;
- Uses of properties adjacent to the Phase One Property;
- Areas where any PCA has occurred in the Phase One Study Area , including any storage tanks (if identified); and,
- Areas of potential environmental concern (APEC) (if identified).

The following describes the Phase One ESA Conceptual Site Model (CSM) based on the information obtained and reviewed as part of this Phase One ESA:

- The Site consists of 3.8 acres (1.54 hectares) of vacant land and was overgrown with trees and vegetation. At the time of the Phase One ESA some areas had been clear cut to facilitate the initial stages of surveying and geotechnical borehole installation.
- Surface water runoff is towards drainage ditches along the east Site boundary (along Bank Street) and north following the ground surface topography.
- Endangered and Threatened species have been identified by the MNR as potentially present on the Site or on the nearby lands. Golder is currently in the process of preparing an Environmental Impact Statement, under separate cover, for submission to the City of Ottawa.
- Potable water on the Site is provided by the municipal water supply. No water wells were observed or reported by the former site owner on the Site; however, according to the MOE water well database in the ERIS report, a water well is present on the east part of the Site.
- At the time of the Phase One ESA, the neighbouring properties within the Phase One Study Area consisted of vacant or forested lands with some residential and commercial buildings along Bank Street.
- The subsurface conditions at the Site consist of topsoil over silty to sandy glacial till. The depth to the bedrock is expected to be between 1.1 and 3.7 mbgs. The depth to the water table is expected to range between 0.3 and 1.8 mbgs.
- No PCAs were noted on the Phase One Property and neither of the two off-Site PCAs in the Phase One ESA Study Area represented an APEC to the Site.
- Local groundwater flow is in a north direction towards Findlay Creek located approximately 800 m north of the Site. Groundwater flow directions are subject to confirmation with field measurements.

6.4.1 Uncertainty and Absence of Information

There were no material deviations to the Phase One ESA requirements set out in O.Reg. 153/04 (as amended) that would cause uncertainty or absence of information that would affect the validity of the findings of this assessment.

7.0 CONCLUSIONS

Based on the information collected as part of this Phase One ESA, no APECs were identified on the Site and no and neither of the 2 off-Site PCAs within the Phase One ESA Study Area are considered to have resulted in an APEC to the Site.

7.1 Need for Phase Two ESA

Given that no APECs were identified on the Site during the Phase One ESA, a Phase Two ESA is not recommended to be carried out at the Site at this time.

7.2 Record of Site Condition Based on Phase One Environmental Site Assessment Alone

Considering that the Site was used for agricultural and residential purposes and is proposed to be developed as a residential subdivision (residential land use), no change in the land use from a less sensitive to a more sensitive land use is planned for the Site. As such, there is no mandatory requirement for filing of a RSC for the Site.

8.0 LIMITATIONS AND USE OF REPORT

This report (the "Report") was prepared for the exclusive use of 4840 Bank Street Ltd. c/o The Regional Group. The Report summarizes Golder's review of available data in accordance with the principal components of Ontario Regulation 153/04 Records of Site Condition, as amended (RSC Regulations). The Report is based on data and information collected at the time of this Assessment and must be considered in its entirety. It is based solely on the conditions on the Site encountered at the time of the site visit on October 16, 2013, as reported herein. Except as otherwise may be requested, Golder disclaims any obligation to update this Report for events taking place, or with respect to information that becomes available to Golder after the time during which Golder conducted the work. No soil, water, liquid, gas, product or chemical sampling and analytical testing other than that described herein at or in the vicinity of the Site was conducted as part of this Work.

In evaluating the property, Golder has relied in good faith on information provided by other individuals, companies or government agencies noted in the Report. Golder has assumed that the information provided is factual and accurate and Golder has not independently verified the accuracy or completeness of such information. Golder accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this Report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted. Golder makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to periodic amendment. In addition, regulatory statutes are subject to interpretation and these interpretations may change over time.

The scope and the period of Golder's assessment are described in this Report, and are subject to restrictions, assumptions and limitations.

Golder did not perform a complete assessment of all possible conditions or circumstances that may exist at the Site. Conditions may therefore exist which were not detected given the nature of the inquiry Golder was retained to undertake with respect to the Site. Accordingly, additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. Golder's opinions are based upon information that existed at the time of the writing of the Report. It is understood that the services provided for in the scope of work allowed Golder to form no more than an opinion of the actual conditions at the Site at the time the Site was visited and cannot be used to assess the effect of any subsequent changes in any laws, regulations, the environmental quality of the Site or its surroundings. Asbestos and mould surveys were not performed. If a service is not expressly indicated, do not assume it has been provided.

Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, are the sole responsibility of the third parties. Should additional parties require reliance on this Report, written authorization from Golder will be required. Golder disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

9.0 STATEMENT OF COMPLETION

The undersigned confirm that this Phase One Environmental Site Assessment was conducted in a manner consistent with the expected standard of care for the consulting industry in Ontario and meets the requirements for Phase One ESAs as set out in O. Reg. 153/04. The findings and conclusions presented herein are based on our review of relevant and readily available information, as noted in this report.

10.0 REFERENCES

The following is a list of persons contacted and references reviewed for the purposes of preparing this report:

Source	Date
Ontario Regulation 153/04 as amended	October 31, 2011
Canadian Standards Association Document Z768-01 (R2012) 'Phase I – Environmental Site Assessments'	November 2001
Map 1506A, Surficial Geology, Ottawa, Ontario, Belanger J. R., Urban Geology of the National Capital Area, Geological Survey of Canada, Open file D3256, 2001.	2001
Previous subsurface investigations of the Site	Various
Golder Associates Ltd. GIS Database (Reference - Digital Basemap Data supplied by DMTI Spatial Inc., Canmap, 2006).	2006
Aerial Photographs - National Air Photo Library, Ottawa, the City of Ottawa geo-map and Google Earth	1945, 1973, 1976, 1987, 1996, 2002, and 2014, 2019 and 2021.
Fire Insurance Plans - National Archives in Ottawa	No FIPs were available for the Site
ERIS report	May 18, 2022
Street Directories as provided by ERIS	1964, 1969, 1974, 1979, 1984, 1988/89, 1994/95, 1999/2000, 2004/05 and 2010
Ontario Ministry of the Environment	Access Environment (www.accessenvironment.ene.gov.on.ca)
Ministry of Natural Resources	June 14, 2013
Technical Standards and Safety Authority	October 9, 2013
Report entitled "Phase I Environmental Site Assessment, 4840 Bank Street, Ottawa, Ontario" prepared by Golder for Regional	June 2013
Report entitled "Phase I Environmental Site Assessment, 4840 Bank Street, Ottawa, Ontario" prepared by Golder for Regional	April 2008
Letter entitled "Phase I Environmental Site Assessment, 4840 Bank Street, City of Ottawa Response, Ottawa, Ontario" prepared by Golder for Regional	June 18, 2008
Report entitled "Phase I Environmental Site Assessment, 4840 Bank Street, Additional Investigation, Ottawa, Ontario" prepared by Golder for Regional	June 23, 2008
Report entitled "Phase I Environmental Site Assessment, Part of Lots 21 and 22, Concession 4, Rideau Front, Gloucester Ward, City of Ottawa", completed by Morey Houle Chevrier Engineering for Capital Engineering Group	June 2003

Source	Date
Report entitled “Phase I/II Environmental Audit, Ottawa Co-Op (Leitrim)” completed for the property at 4836 Bank Street by XCG Environmental Services for the United Co-operatives of Ontario	July 19, 1994
Report entitled “Ottawa Co-Op (Leitrim) Remediation Activities” completed for the property at 4836 Bank Street by XCG for the United Co-operatives of Ontario	December 9, 1994
Report entitled “Phase I ESA, 4836 Bank Street, Ottawa, Ontario” completed by Pinchin Environmental Services for the Ottawa Feed and HW	August 2013
Report entitled “Phase II ESA, 4836 Bank Street, Ottawa, Ontario” completed by Pinchin for Ottawa Feed and HW	August, 2013
Report entitled “Preliminary Geotechnical Investigation, Proposed Residential Development, Ioni Property, 4840 Bank Street, Ottawa, Ontario” prepared for the Regional Group by Golder	May 12, 2008

11.0 CLOSURE

We trust that the information presented in this report meets your current requirements. Should you have any questions or concerns, please do not hesitate to contact the undersigned.

Golder Associates Ltd.

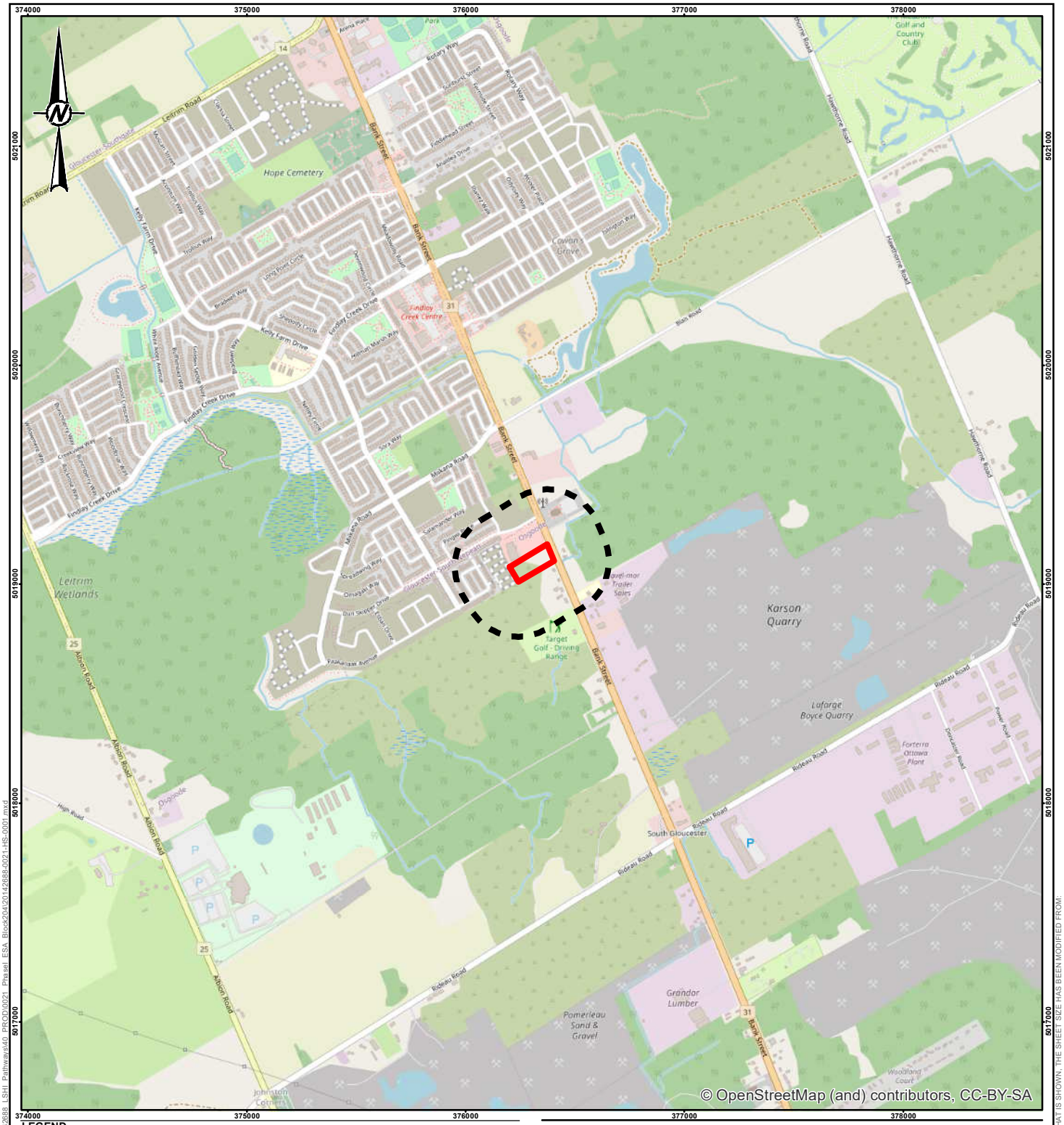
Jennette Baker
Geoscientist

Keith Holmes
Principal Geoscientist

PROFESSIONAL GEOSCIENTIST
KEITH P. HOLMES
PRACTISING MEMBER
1485
20 May 2022
ONTARIO

JLB/KPH/sg

https://golderassociates.sharepoint.com/sites/126333/project files/6 deliverables/phase i esa- block 204/20142688 phase i esa_20may2022.docx



LEGEND

- PHASE ONE SITE
- PHASE ONE STUDY AREA (250 m)

0 250 500 1,000

1:25,000 METRES

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT
PATHWAYS SOUTH REGIONAL INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE
KEY PLAN

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-05-13
DESIGNED	----
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

Path: N:\Active\Spatial IM\Leitrim South Holdings\Renee and Ibrne Lands\89_PROJ\20142688_LSH_Pathways\40_PROD\0021_Phase1_ESA_Block204\20142688-0021-HS-0001.mxd

LEGEND

- (1) PCA #28: GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS, 4836 BANK STREET
- (2) PCA #10: COMMERCIAL AUTOBODY SHOPS (JORDAN AUTOSERVICE), 4856 BANK STREET
- ROADWAY
- WATERCOURSE
- WETLAND
- PHASE ONE SITE
- PHASE ONE STUDY AREA (250 m)

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020
2. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - CITY OF OTTAWA.
3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

0 25 50 100
1:2,500 METRES

CLIENT
PATHWAYS SOUTH REGIONAL INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE
SITE PLAN

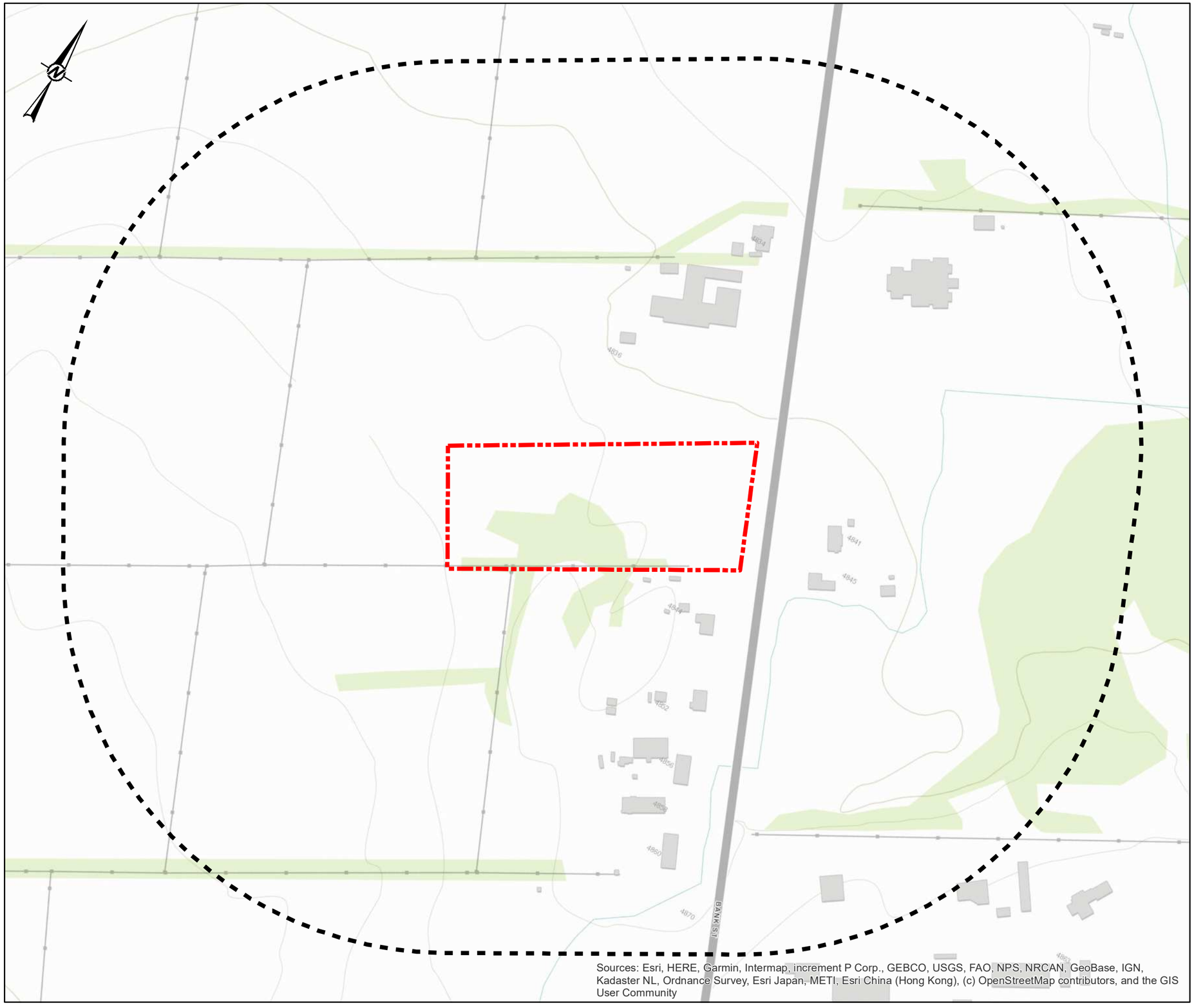
CONSULTANT

YYYY-MM-DD	2022-05-19
DESIGNED	FN
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

Path: N:\Active\Spatial_IM\Letrim_South_Holdings\Remer_and_Idzne_Lands\99_PROJ\20142688_LSHI_Pathways\40_PROD\0021_Phase1_ESA_Block204\20142688-0021-HS-0002.mxd



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

LEGEND

PHASE ONE SITE

PHASE ONE STUDY AREA (250 m)

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

0 25 50 100

1:2,500 METRES

CLIENT

PATHWAYS SOUTH REGIONAL INC.

PROJECT

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE

TOPOGRAPHIC MAP AND AREAS OF NATURAL SIGNIFICANCE

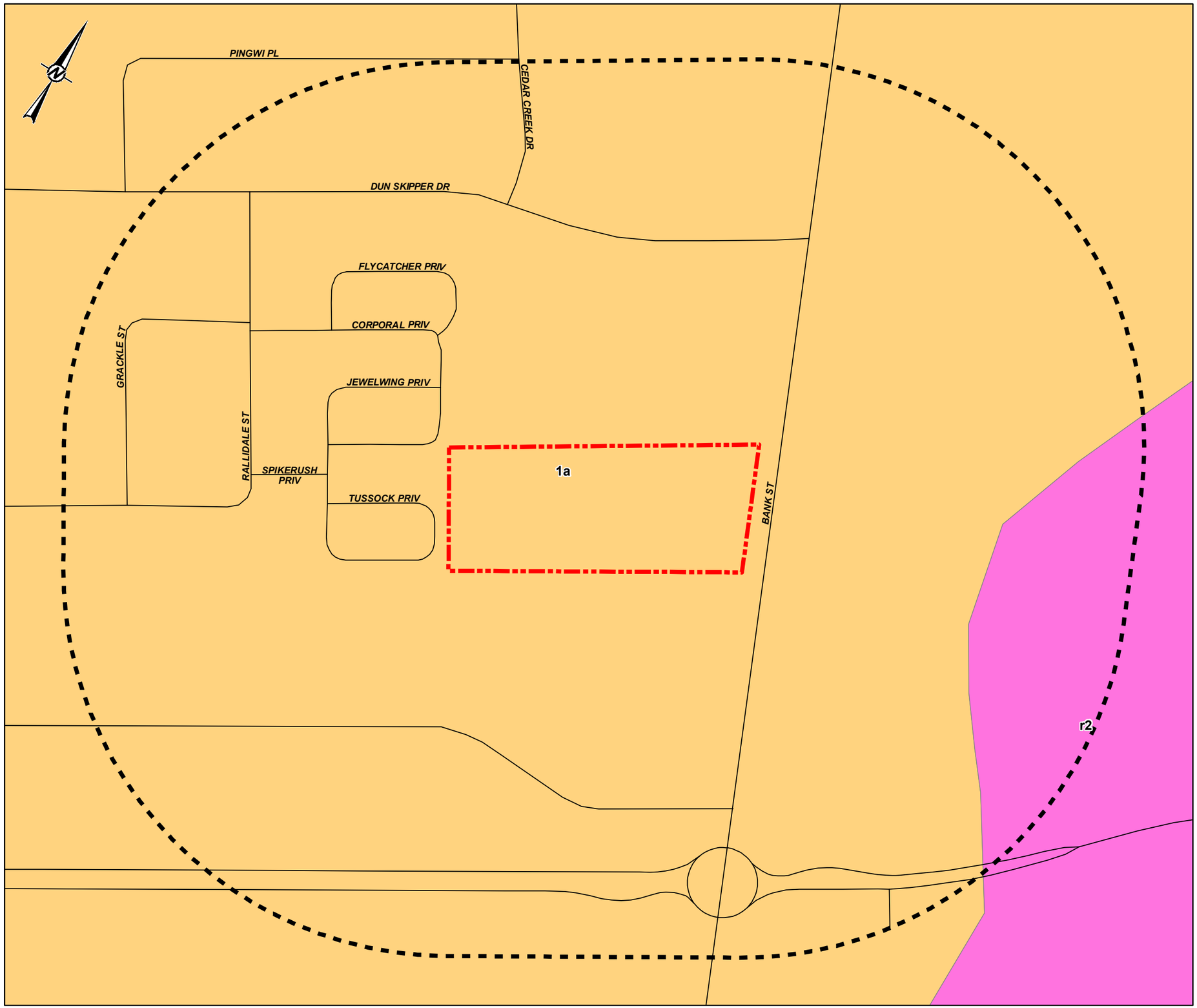
CONSULTANT

YYYY-MM-DD	2022-05-13
DESIGNED	FN
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

Path: N:\Active\Spatial_IM\Letrim_South_Holdings\Remer_and_Idone_Lands\99_PROJ\20142688_LSHI_Pathways\40_PROD\0021_Phase1_ESA_Block204\20142688-0021-HS-0003.mxd



LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA (250 m)
- 1a. TILL, PLAIN WITH LOCAL RELIEF <5 m
- r2. BEDROCK: LIMESTONE, DOLOMITE, SANDSTONE & LOCAL SHALE

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020
2. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - CITY OF OTTAWA.
3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

0 25 50 100

1:2,500 METRES

CLIENT
PATHWAYS SOUTH REGIONAL INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE
SURFICIAL GEOLOGY

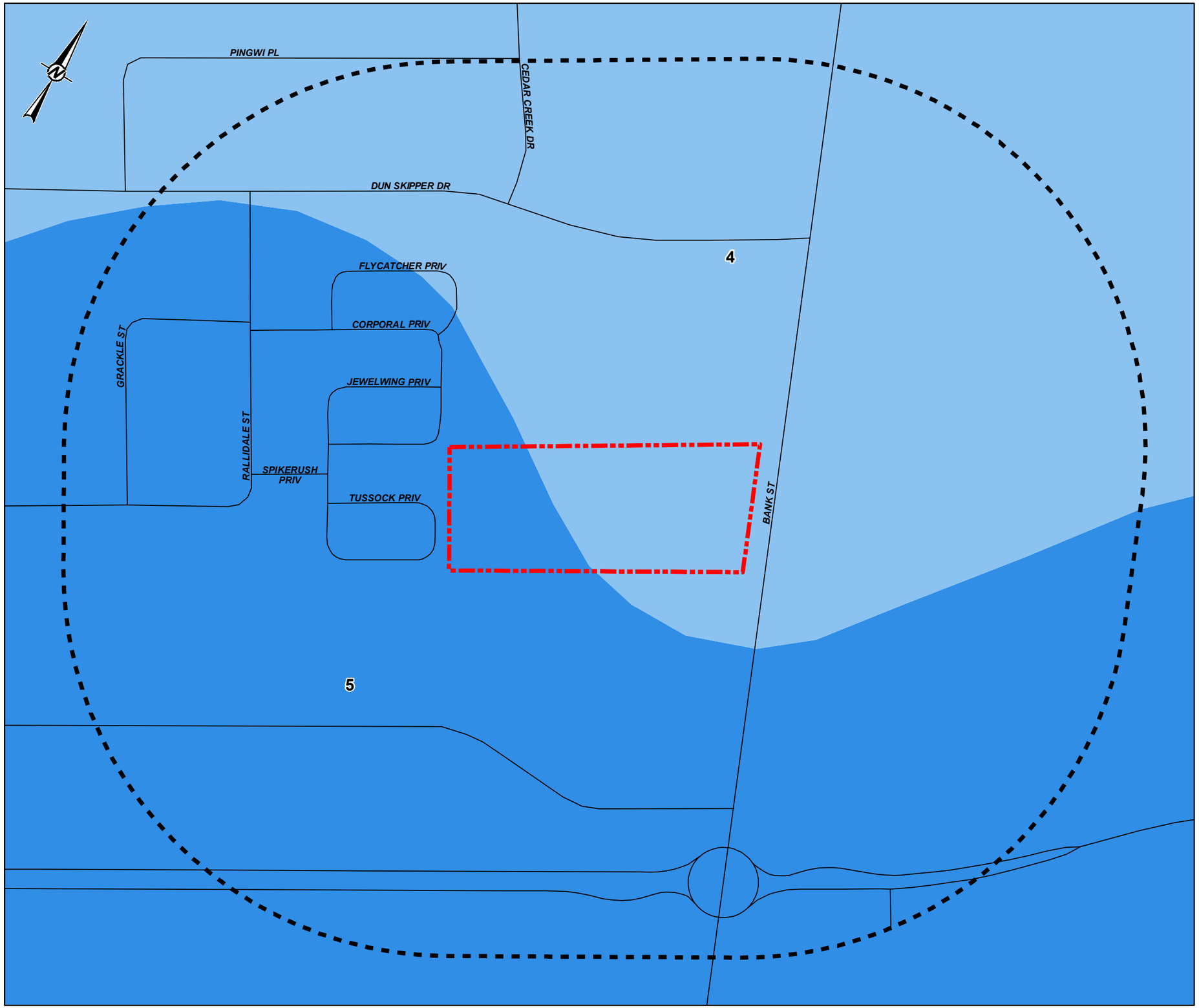
CONSULTANT

YYYY-MM-DD	2022-05-16
DESIGNED	FN
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	4

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

Path: N:\Active\Spatial_IM\Lead\m_South_Holdings\Remer_and_Idone_Lands\99_PROJ\20142688_LSHI_Pathways\40_PROD\0021_Phase1_ESA_Block204\20142688-0021-HS-0004.mxd



LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA (250 m)
- 5: OXFORD FORMATION - DOLOSTONE, MINOR SHALE AND SANDSTONE
- 4: MARCH FORMATION - SANDSTONE, DOLOMITIC SANDSTONE, DOLOSTONE

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020
2. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - CITY OF OTTAWA.
3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

0 25 50 100
1:2,500 METRES

CLIENT
PATHWAYS SOUTH REGIONAL INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE
BEDROCK GEOLOGY

CONSULTANT

YYYY-MM-DD	2022-05-16
DESIGNED	FN
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	5

Path: N:\Active\Spatial_IM\Leftrim_South_Holdings\Remer_and_Idone_Lands\99_PROJ\20142688_LSHI_Pathways\40_PROD\0021_Phase1_ESA_Block204\20142688-0021-HS-0005.mxd

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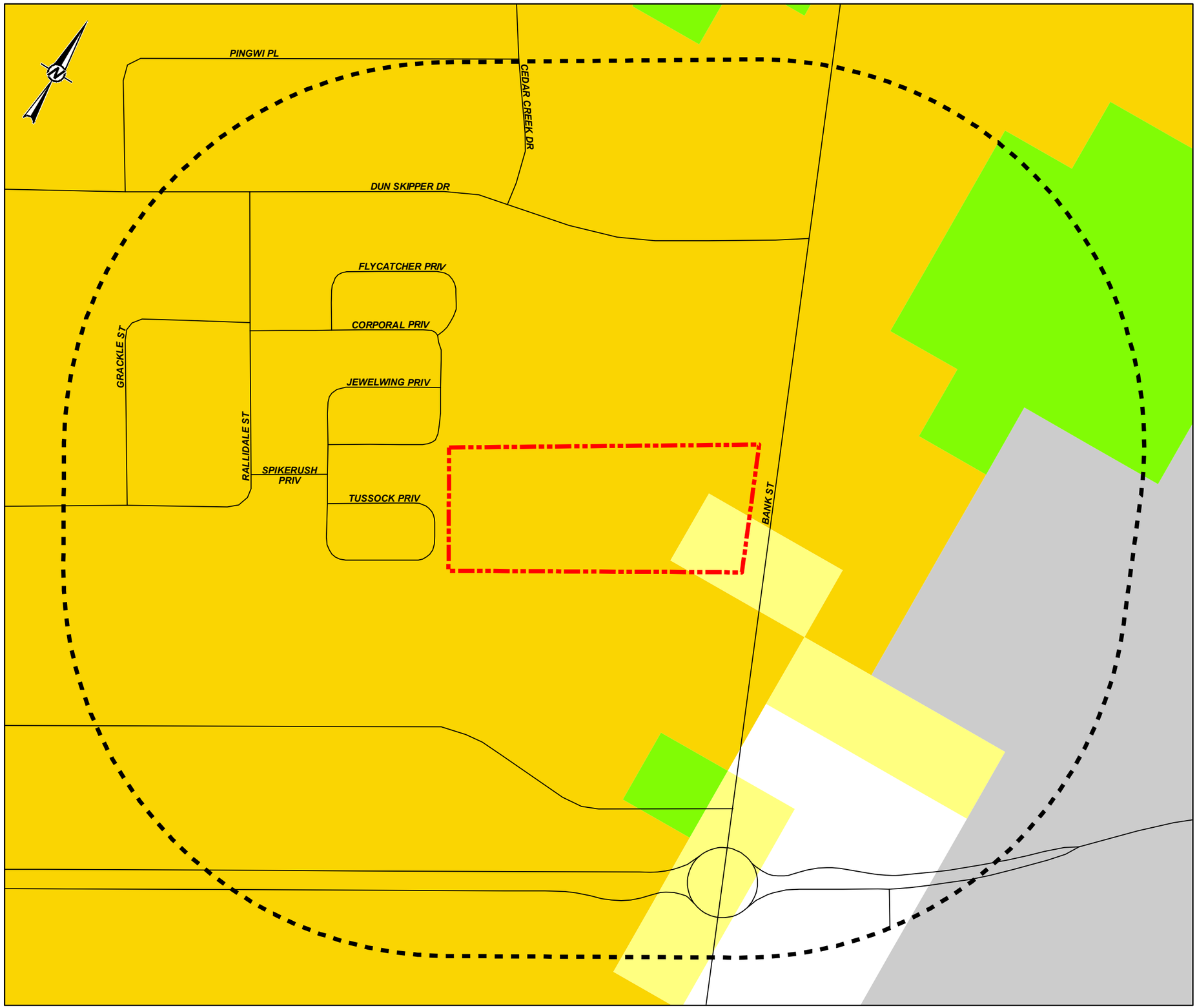

LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA (250 m)

TREND IN DEPTH TO BEDROCK (METRES)

- 0 to 1
- 1 to 2
- 2 to 3
- 3 to 5
- 5 to 10

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020
2. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - CITY OF OTTAWA.
3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

0 25 50 100

1:2,500 METRES

CLIENT
PATHWAYS SOUTH REGIONAL INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE
DRIFT THICKNESS

CONSULTANT

YYYY-MM-DD	2022-05-16
DESIGNED	FN
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	6

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

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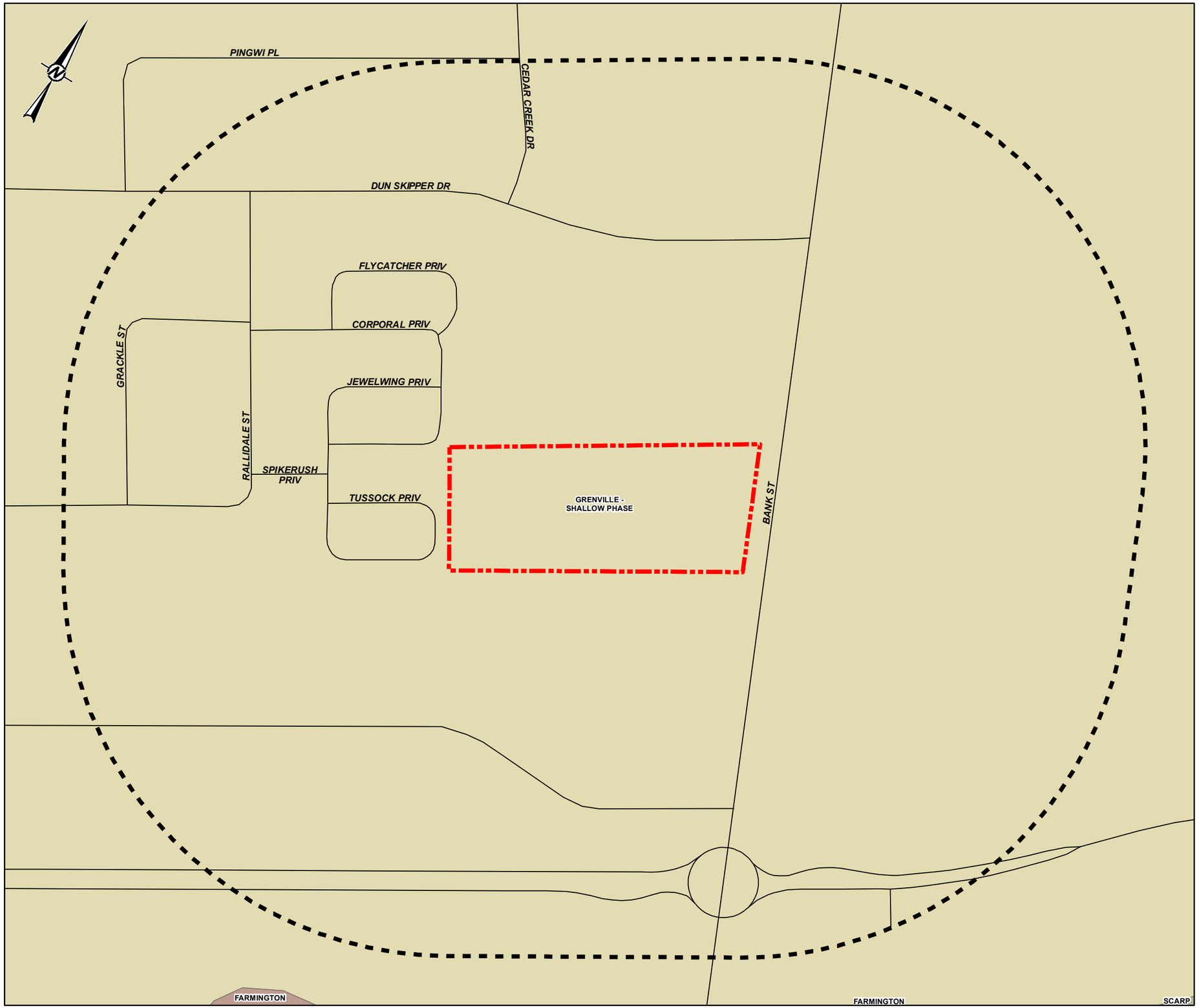

LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA (250 m)
- FARMINGTON
- GRENVILLE - SHALLOW PHASE
- SCARP

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020
2. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - CITY OF OTTAWA.
3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

0 25 50 100
1:2,500 METRES

CLIENT
PATHWAYS SOUTH REGIONAL INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE
SOIL SURVEY COMPLEX (ONTARIO SOILS)

CONSULTANT

YYYY-MM-DD	2022-05-16
DESIGNED	FN
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	7

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

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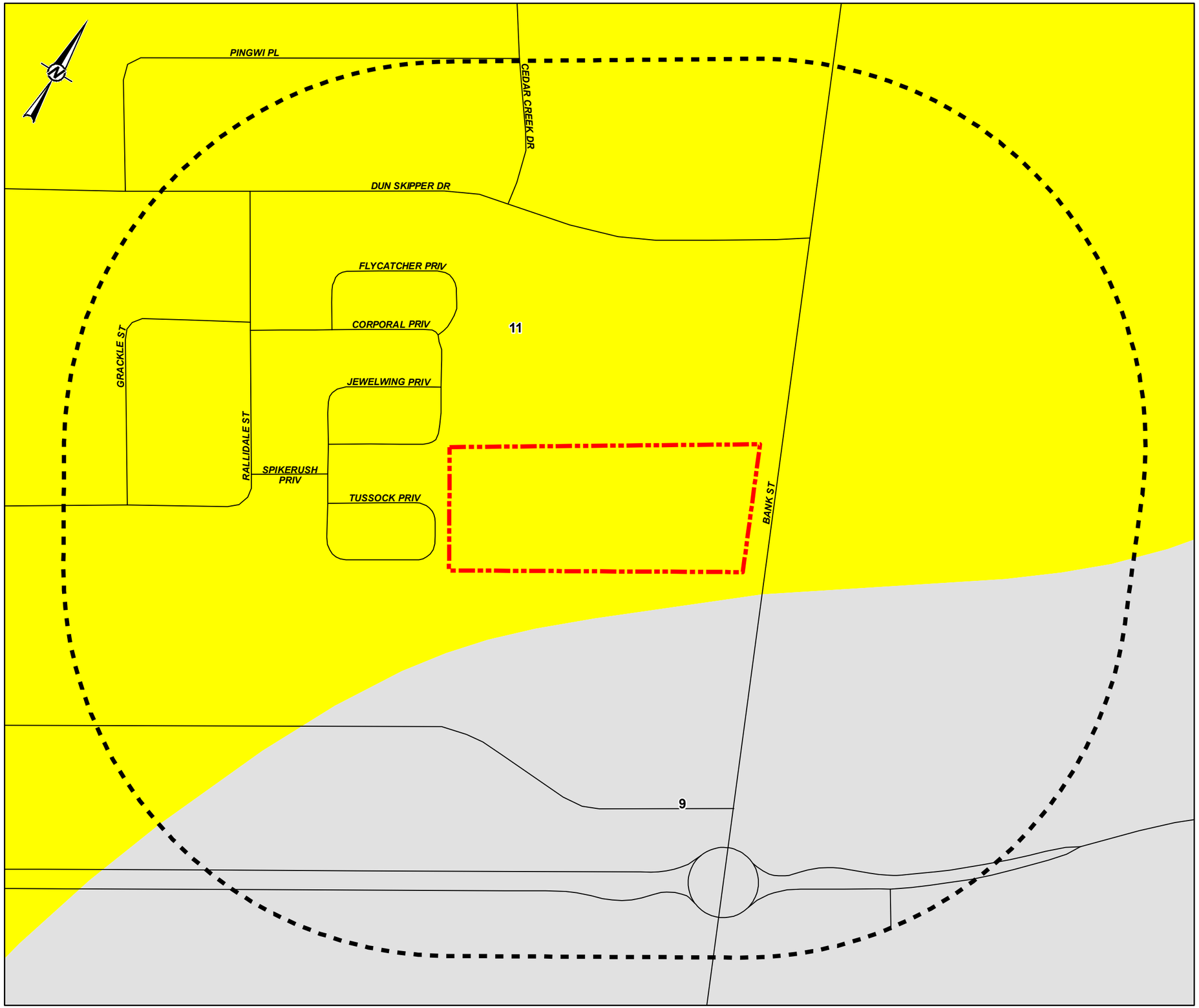

LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA (250 m)
- 9: LIMESTONE PLAINS
- 11: SAND PLAINS

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020
2. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - CITY OF OTTAWA.
3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

0 25 50 100

1:2,500 METRES

CLIENT
PATHWAYS SOUTH REGIONAL INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE
PHYSIOGRAPHY MAP

CONSULTANT

YYYY-MM-DD	2022-05-16
DESIGNED	FN
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	8

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

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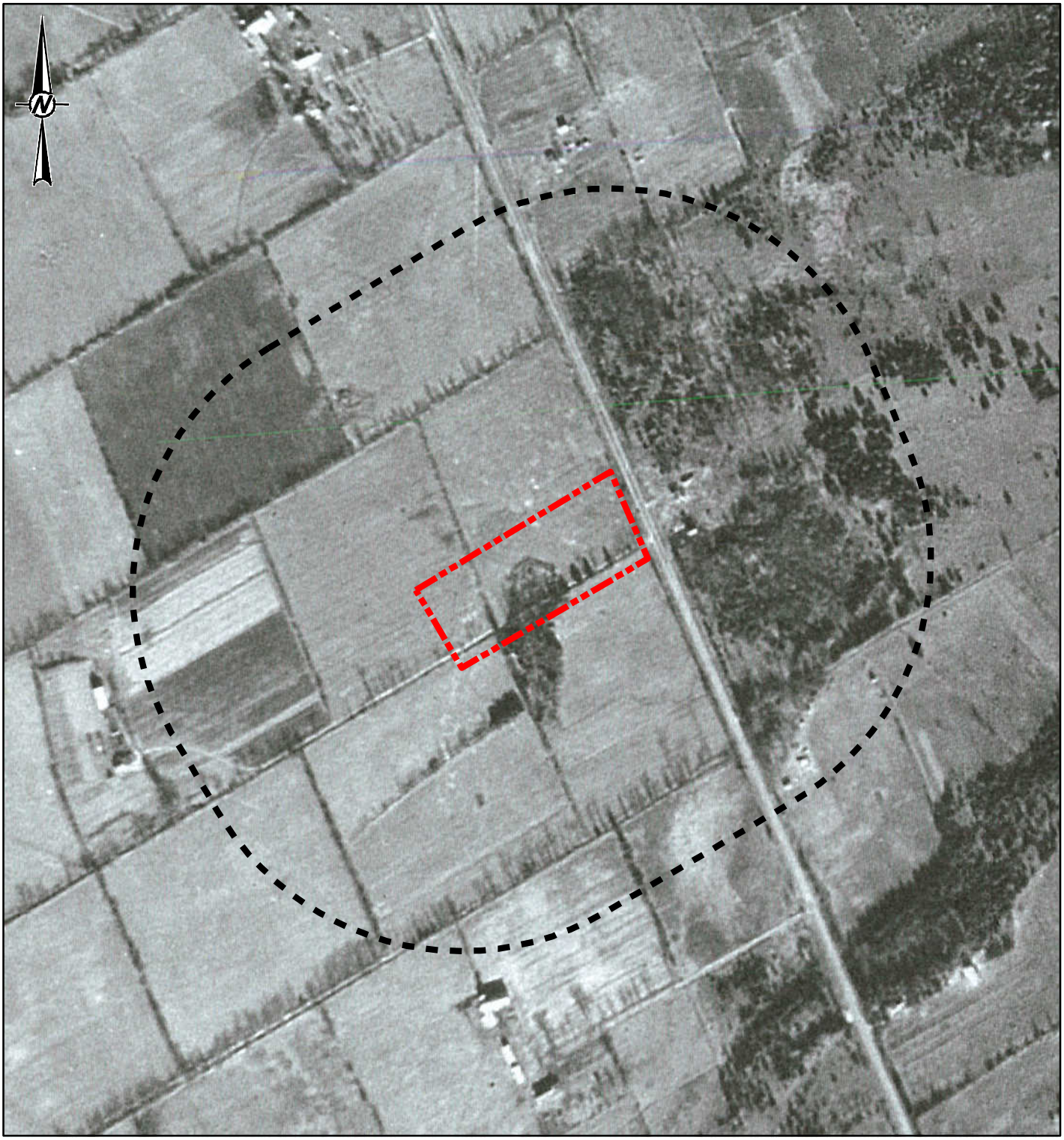
APPENDIX A

Aerial Photos



LEGEND

PHASE ONE SITE

PHASE ONE STUDY AREA (250 m)

0 50 100 200

1:5,000 METRES

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT
PATHWAYS SOUTH REGIONAL INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE
1945 AIR PHOTO

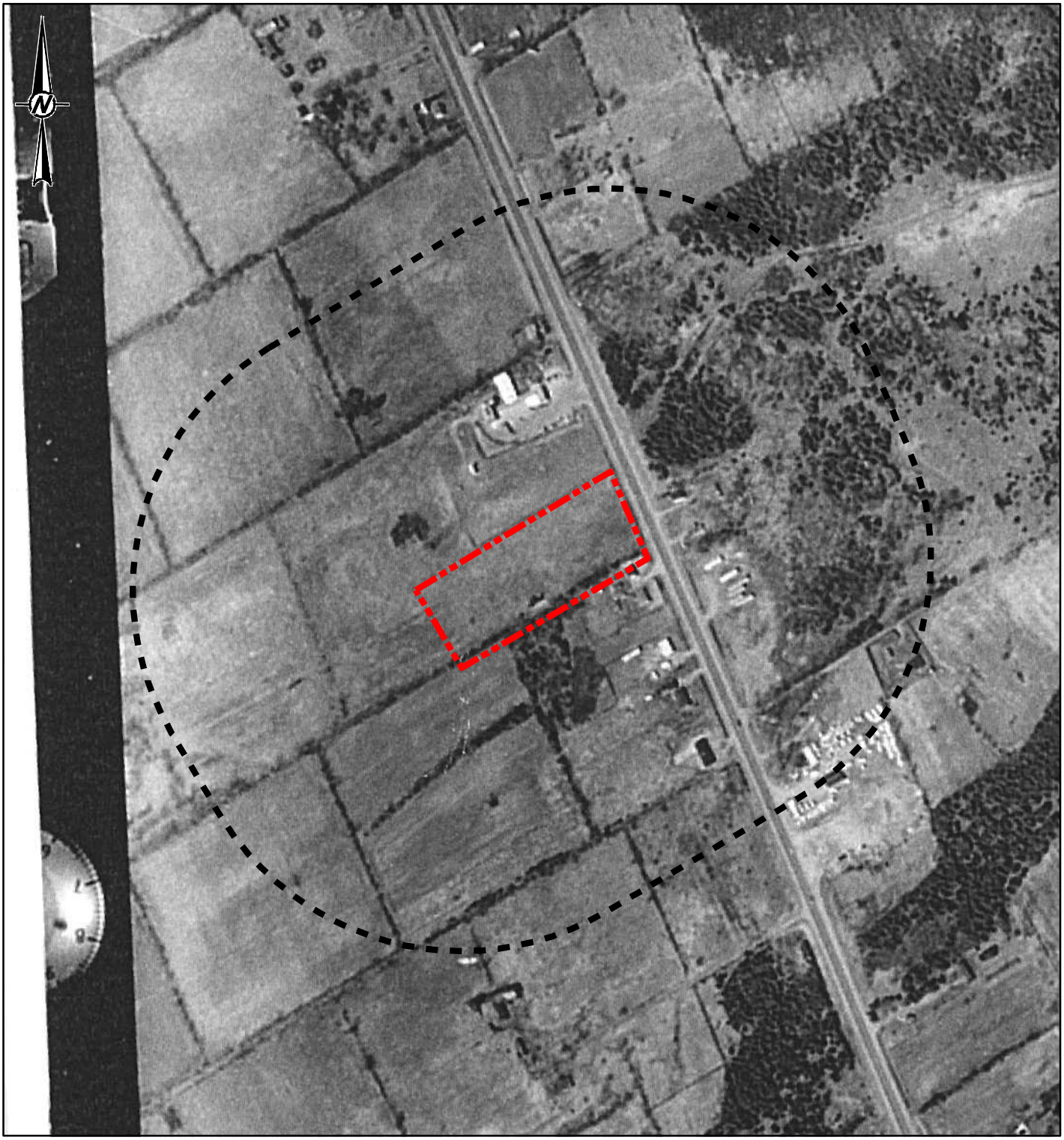
CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-05-16
DESIGNED	----
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	**D1**

Path: N:\Active\Spatial\IM\Letrim South Holdings\Renner and Ibone Lands\89_PROJ\20142688_LSH_Pathways\40_PROD\0021_Phase1_ESA_Block204\20142688-0021-HS-00D1.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM:
25mm
0



LEGEND

PHASE ONE SITE

PHASE ONE STUDY AREA (250 m)

0 50 100 200

1:5,000 METRES

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT
PATHWAYS SOUTH REGIONAL INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE
1973 AIR PHOTO

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-05-16
DESIGNED	----
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	D2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

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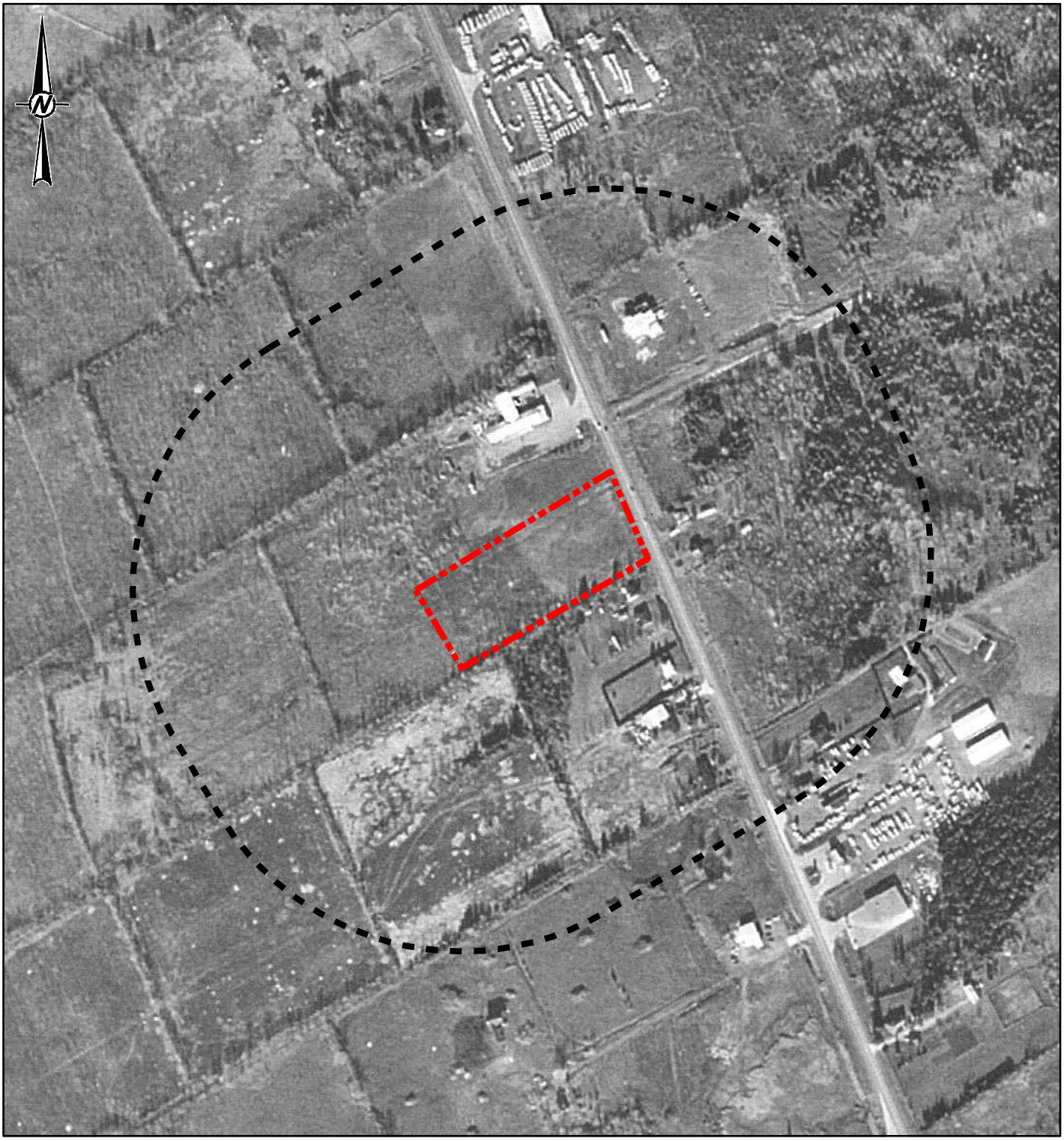

LEGEND

PHASE ONE SITE

PHASE ONE STUDY AREA (250 m)

0 50 100 200

1:5,000 METRES

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT
PATHWAYS SOUTH REGIONAL INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE
1987 AIR PHOTO

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-05-16
DESIGNED	----
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	D3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

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LEGEND

PHASE ONE SITE

PHASE ONE STUDY AREA (250 m)

0 50 100 200

1:5,000 METRES

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT
PATHWAYS SOUTH REGIONAL INC.

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PATHWAYS AT FINDLAY CREEK - BLOCK 204

TITLE
1987 AIR PHOTO

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-05-16
DESIGNED	----
PREPARED	JEM
REVIEWED	JB
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
20142688	0021	0	**D4**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

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APPENDIX B

ERIS and HLUI Reports

DATABASE REPORT

Project Property:	*Pathways Block 204* *4840 Bank St/Pathways Block 204* *Ottawa ON*
Project No:	*20142688A*
Report Type:	*Standard Report*
Order No:	*22051301402*
Requested by:	*Golder Associates LTD.*
Date Completed:	*May 18, 2022*

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

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Executive Summary

Property Information:

Project Property:	*Pathways Block 204* *4840 Bank St/Pathways Block 204 Ottawa ON*
Project No:	*20142688A*

Coordinates:

Latitude:	*45.3083294*
Longitude:	*-75.5881128*
UTM Northing:	*5,017,371.03*
UTM Easting:	*453,897.00*
UTM Zone:	*18T*

Elevation:	*328 FT* *99.88 M*

Order Information:

Order No:	*22051301402*
Date Requested:	*May 13, 2022*
Requested by:	*Golder Associates LTD.*
Report Type:	*Standard Report*

Historical/Products:

Executive Summary: Report Summary

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

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	4	4
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	1	0	1
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
WWIS	Water Well Information System	Y	1	11	12
		Total:	5	25	30

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	PTTW	4840 Bank St. Ltd.	4840 Bank Street Canada ON	-/0.0	-0.02	17
1	ECA	Leitrim South Holdings Inc.	4800 Bank St 4840 Bank Street Ottawa ON K2C 0P9	-/0.0	-0.02	17
1	ECA	Pathways South Regional Inc.	4840 Bank St Part of Lot 22, Concession 4 (Rideau Front) Ottawa ON K2C 0P9	-/0.0	-0.02	17
1	WWIS		4840 BANK STREET con 4 Ottawa ON ***Well ID:*** 7351359	-/0.0	-0.02	18
1	ECA	Pathways South Regional Inc.	4840 Bank St Ottawa ON K2C 0P9	-/0.0	-0.02	21

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		lot 22 con 4 ON ***Well ID:*** 1513436	NNW/68.0	-0.69	21
3	GEN	UPI INC. 39-454	HIGHWAY #31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	NW/86.6	0.08	24
3	GEN	UCO PETROLEUM INC. 39-454	HWY#31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	NW/86.6	0.08	25
3	PES	OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X 1G6	NW/86.6	0.08	25
3	PES	OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X 1G6	NW/86.6	0.08	25
3	PES	OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X1G6	NW/86.6	0.08	26
3	EHS		4836 Bank Street Ottawa ON	NW/86.6	0.08	26
3	ECA	2668867 Ontario Inc.	4836 Bank St Ottawa Ottawa ON K1X 1G6	NW/86.6	0.08	26
3	PES		4836 BANK ST GLOUCESTER ON K1X 1G6	NW/86.6	0.08	26
4	BORE		ON	SE/93.8	0.08	27
5	WWIS		lot 22 con 4 ON ***Well ID:*** 1514664	WSW/94.1	0.97	28
6	EHS		4836 Bank Street Ottawa Ontario Gloucester ON K1X 1G6	NW/95.6	0.08	32

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
7	WWIS		lot 22 con 4 ON ***Well ID:*** 1502180	E/107.7	-2.29	32
8	WWIS		lot 22 con 4 ON ***Well ID:*** 1502177	ESE/124.6	-2.05	35
9	EHS		4852 Bank Street Ottawa ON	ESE/144.3	-2.69	37
10	WWIS		lot 22 con 4 ON ***Well ID:*** 1512375	ESE/164.9	-2.69	37
11	WWIS		lot 22 con 4 ON ***Well ID:*** 1502179	N/181.1	-1.86	40
12	BORE		ON	N/181.2	-1.86	43
13	WWIS		4835 Bank St lot 22 con 5 Ottawa ON ***Well ID:*** 7344681	NNE/184.4	-3.44	45
14	WWIS		4835 Bank St Ottawa ON ***Well ID:*** 7344680	NNE/197.4	-4.03	47
15	WWIS		lot 22 con 4 ON ***Well ID:*** 1502178	SE/201.5	-1.95	50
16	EHS		4858 Bank Street Ottawa ON	SE/220.6	-2.04	52
17	WWIS		lot 22 con 5 ON ***Well ID:*** 1512265	ESE/226.5	-2.03	53
18	WWIS		4835 BANK ST Ottawa ON ***Well ID:*** 7344683	NNE/232.2	-4.10	56
19	SPL	PRIVATE RESIDENCE	RESIDENCE AT 4860 BANK ST. FURNACE OIL TANK GLOUCESTER CITY ON K1X 1G6	SE/239.6	-1.92	58

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

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	SE	93.78	4

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	N	181.20	12

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Mar 31, 2022 has found that there are 4 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
2668867 Ontario Inc.	4836 Bank St Ottawa Ottawa ON K1X 1G6	NW	86.61	3

Lower Elevation	Address	Direction	Distance (m)	Map Key
Pathways South Regional Inc.	4840 Bank St Part of Lot 22, Concession 4 (Rideau Front) Ottawa ON K2C 0P9	-	0.00	1
Leitrim South Holdings Inc.	4800 Bank St 4840 Bank Street Ottawa ON K2C 0P9	-	0.00	1
Pathways South Regional Inc.	4840 Bank St Ottawa ON K2C 0P9	-	0.00	1

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Nov 30, 2021 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	4836 Bank Street Ottawa ON	NW	86.61	3
	4836 Bank Street Ottawa Ontario Gloucester ON K1X 1G6	NW	95.63	6

Lower Elevation	Address	Direction	Distance (m)	Map Key
	4852 Bank Street Ottawa ON	ESE	144.28	9
	4858 Bank Street Ottawa ON	SE	220.62	16

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Feb 28, 2022 has found that there are 2 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
UCO PETROLEUM INC. 39-454	HWY#31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	NW	86.61	3
UPI INC. 39-454	HIGHWAY #31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	NW	86.61	3

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Mar 31, 2022 has found that there are 4 PES site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	4836 BANK ST GLOUCESTER ON K1X 1G6	NW	86.61	3

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X1G6	NW	86.61	3
OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X 1G6	NW	86.61	3
OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X 1G6	NW	86.61	3

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994 - Apr 30, 2022 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
4840 Bank St. Ltd.	4840 Bank Street Canada ON	-	0.00	1

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

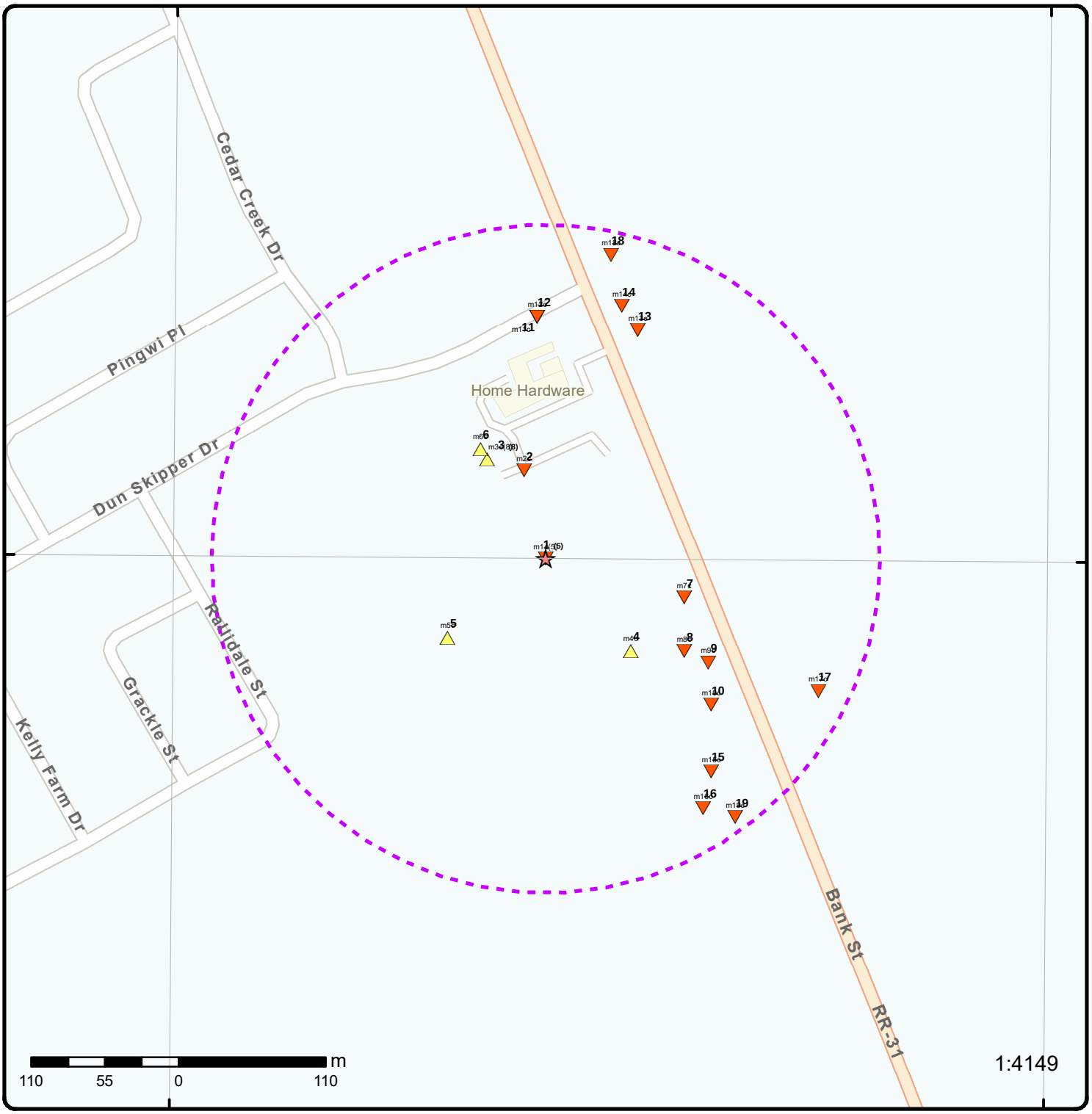
Lower Elevation	Address	Direction	Distance (m)	Map Key
PRIVATE RESIDENCE	RESIDENCE AT 4860 BANK ST. FURNACE OIL TANK GLOUCESTER CITY ON K1X 1G6	SE	239.58	19

WWIS - Water Well Information System

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 22 con 4 ON ***Well ID:*** 1514664	WSW	94.11	5

Lower Elevation	Address	Direction	Distance (m)	Map Key
	4840 BANK STREET con 4 Ottawa ON ***Well ID:*** 7351359	-	0.00	1
	lot 22 con 4 ON ***Well ID:*** 1513436	NNW	67.96	2
	lot 22 con 4 ON ***Well ID:*** 1502180	E	107.69	7
	lot 22 con 4 ON ***Well ID:*** 1502177	ESE	124.58	8
	lot 22 con 4 ON ***Well ID:*** 1512375	ESE	164.89	10
	lot 22 con 4 ON ***Well ID:*** 1502179	N	181.08	11
	4835 Bank St lot 22 con 5 Ottawa ON ***Well ID:*** 7344681	NNE	184.37	13
	4835 Bank St Ottawa ON ***Well ID:*** 7344680	NNE	197.38	14
	lot 22 con 4 ON ***Well ID:*** 1502178	SE	201.47	15
	lot 22 con 5 ON ***Well ID:*** 1512265	ESE	226.50	17
	4835 BANK ST Ottawa ON ***Well ID:*** 7344683	NNE	232.20	18



Map: 0.25 Kilometer Radius

Order Number: 22051301402

Address: 4840 Bank St/Pathways Block 204, Ottawa, 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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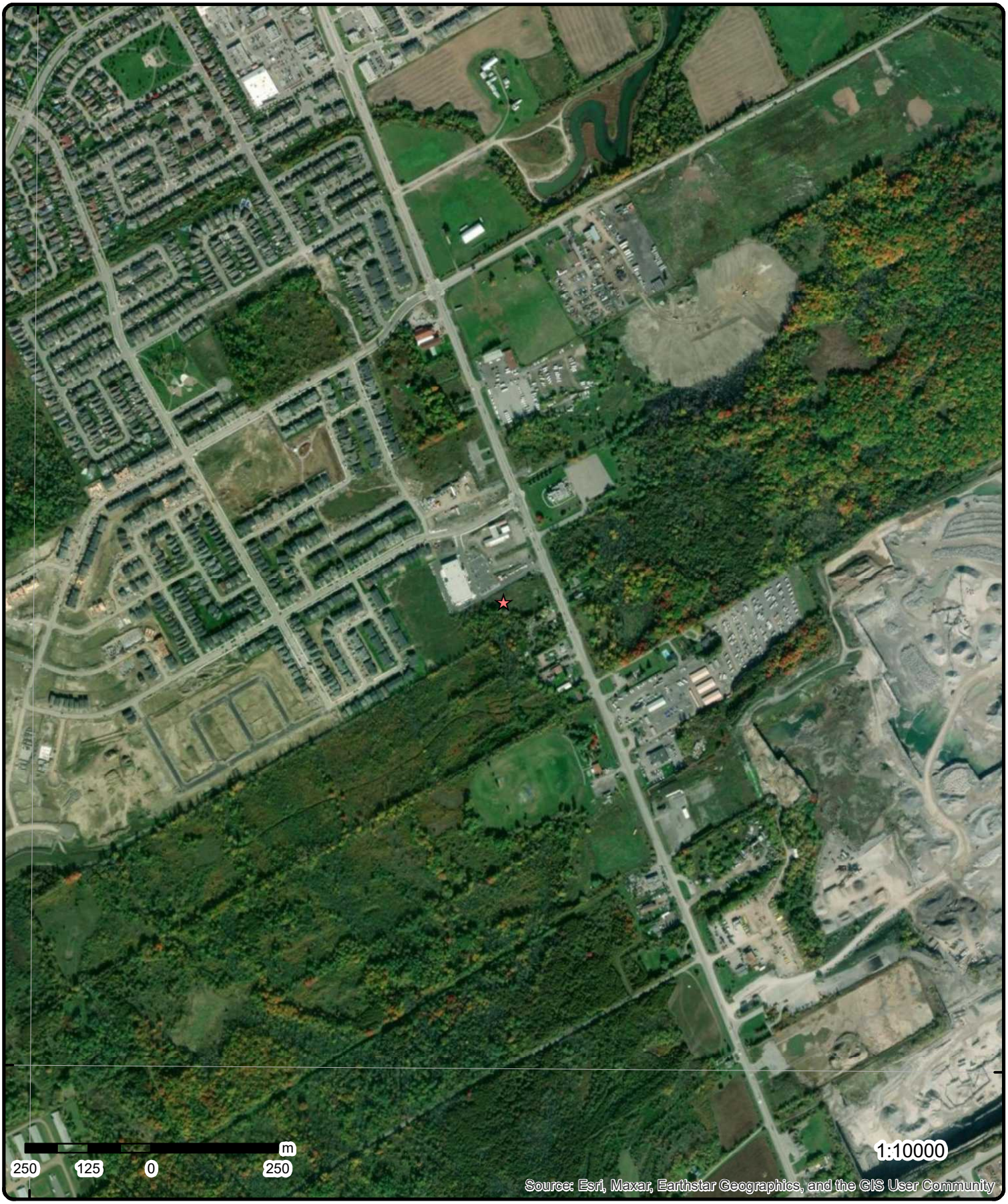
75°36'W



Aerial

Year: 2021

Order Number: 22051301402

Address: 4840 Bank St/Pathways Block 204, Ottawa, ON

Source: ESRI World Imagery

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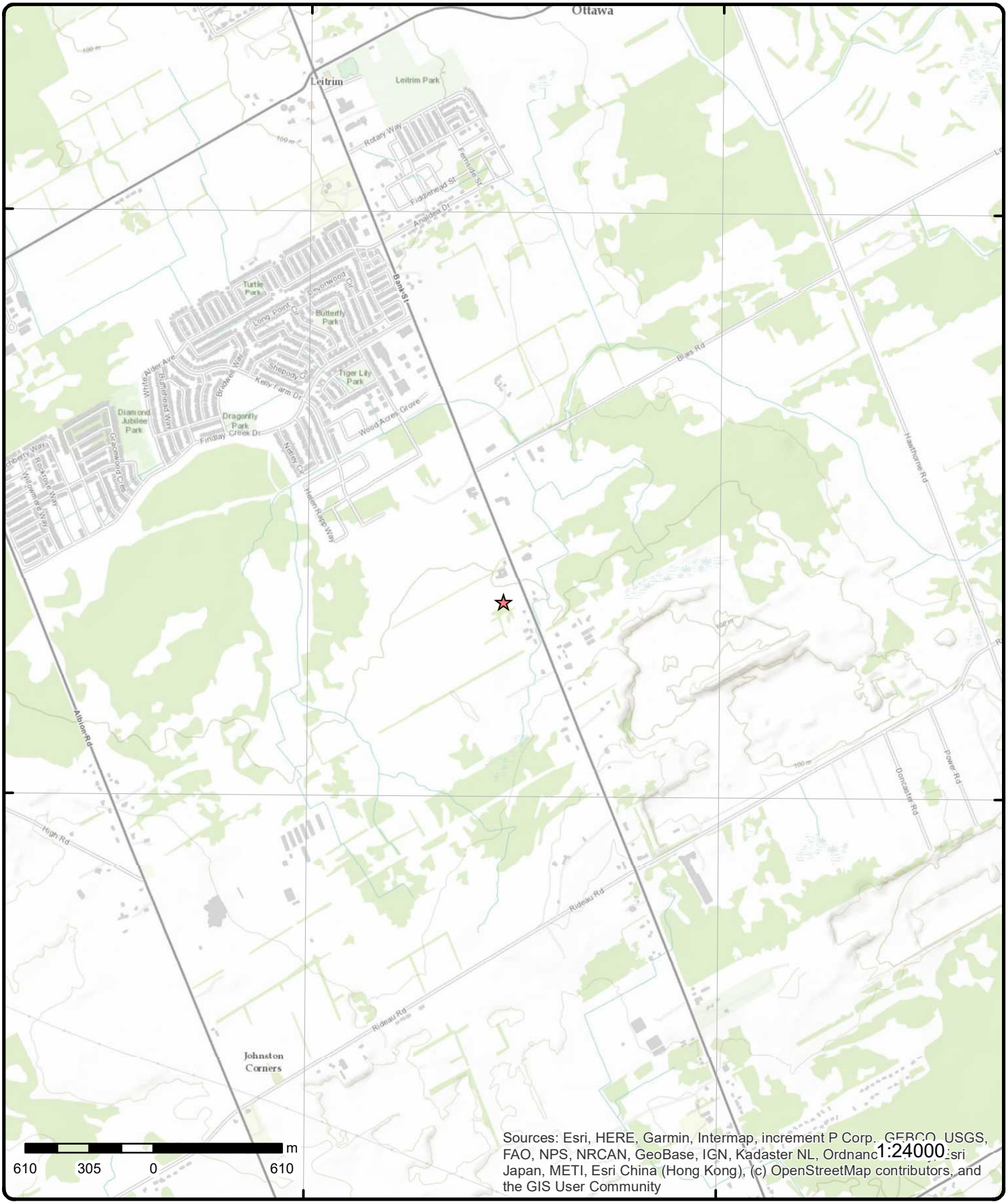

Topographic Map

Order Number: 22051301402

Address: 4840 Bank St/Pathways Block 204, 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 5	-/0.0	99.9 / -0.02	**4840 Bank St. Ltd.** **4840 Bank Street Canada** **ON**	PTTW

EBR Registry No:	013-4537	**Decision Posted:**	March\s16,\s2021
Ministry Ref No:	0136-B8BQMY	**Exception Posted:**	
Notice Type:	Instrument	**Section:**	Section\s34
Notice Stage:	Decision	**Act 1:**	Ontario\sWater\sResources\sAct,\sR.S.O.\s1990
Notice Date:		**Act 2:**	Ontario\sWater\sResources\sAct
Proposal Date:	March\s7,\s2019	**Site Location Map:**	45.306219,-75.594448
Year:	2019		

Instrument Type: Permit\sto\stake\swater
Off Instrument Name: Permit\sto\sTake\sWater\s(OWRA\ss.\s34)
Posted By: Ministry\sof\sthe\sEnvironment,\sConservation\sand\sParks
Company Name:
Site Address: 4840\sBank\sStreet\sCanada
Location Other:
Proponent Name: 4840\sBank\sSt.\sLtd.
Proponent Address: 4840\sBank\sSt.\sLtd.\s1737\sWoodward\sDrive\sOttawa,\sON\sK2C\s0P9\sCanada
Comment Period: March\s7,\s2019\s-\sApril\s6,\s2019\s(30\sdays)\sClosed
URL: https://ero.ontario.ca/notice/013-4537

Site Location Details:

Lot 22, Concession 4 From Rideau River Original Geographic Township of Gloucester, City of Ottawa.

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 5	-/0.0	99.9 / -0.02	**Leitrim South Holdings Inc.** **4800 Bank St 4840 Bank Street** **Ottawa ON K2C 0P9**	ECA

Approval No:	3064-BBZL6Z	**MOE District:**	
Approval Date:	2019-06-02	**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: Leitrim South Holdings Inc.
Address: 4800 Bank St 4840 Bank Street
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3701-B4HPDU-14.pdf
PDF Site Location:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 5	-/0.0	99.9 / -0.02	**Pathways South Regional Inc.** **4840 Bank St Part of Lot 22, Concession 4 (Rideau Front)** **Ottawa ON K2C 0P9**	ECA

Approval No:	4745-BPXRBQ	**MOE District:**	

Approval Date:	2020-06-04	**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: Pathways South Regional Inc.
Address: 4840 Bank St Part of Lot 22, Concession 4 (Rideau Front)
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7645-BPLPZ5-14.pdf
PDF Site Location:

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1 | **4 of 5** | **-/0.0** | **99.9 / -0.02** | **4840 BANK STREET con 4 Ottawa ON** | **WWIS**

Well ID:	7351359	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Not Used	**Date Received:**	1/10/2020
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7260
Casing Material:		**Form Version:**	7
Audit No:	Z307113	**Owner:**	
Tag:		**Street Name:**	4840 BANK STREET
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2019/12/02
Year Completed: 2019
Depth (m):
Latitude: 45.2992762522633
Longitude: -75.5928403636908
Path:

Bore Hole Information

Bore Hole ID:	1007877724	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	453519.00
Code OB Desc:		**North83:**	5016368.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	02-Dec-2019 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 1008322690
Layer:
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth:
Formation End Depth:
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008322700
Layer: 4
Plug From: 30.0
Plug To: 60.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008322698
Layer: 2
Plug From: 10.0
Plug To: 12.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008322701
Layer: 5
Plug From: 60.0
Plug To: 75.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008322697
Layer: 1
Plug From: -5.0
Plug To: 10.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008322699
Layer:	3
Plug From:	-5.0
Plug To:	30.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008322696
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	DIGGING

Pipe Information

Pipe ID:	1008322689
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008322693
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008322694
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1008322692
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1008322691
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft

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

Hole Diameter UOM: inch

1	5 of 5	-/0.0	99.9 / -0.02	**Pathways South Regional Inc.** **4840 Bank St** **Ottawa ON K2C 0P9**	ECA

Approval No:	7255-C86PLK	**MOE District:**	Ottawa
Approval Date:	2021-11-07	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	-8414227.3137999997
SWP Area Name:	South Nation	**Geometry Y:**	5670065.1547999969

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Pathways South Regional Inc.
Address: 4840 Bank St
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8263-C7WKGX-14.pdf
PDF Site Location: Pathways South Block 203
4840 Bank Street
City of Ottawa, Ontario

2	1 of 1	NNW/68.0	99.2 / -0.69	**lot 22 con 4** **ON**	WWIS

Well ID:	1513436	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/28/1973
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2557
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	022
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513436.pdf

Additional Detail(s) (Map)

Well Completed Date: 1973/08/16
Year Completed: 1973
Depth (m): 15.24
Latitude: 45.3089221413098
Longitude: -75.5883268374131
Path: 151\1513436.pdf

Bore Hole Information

Bore Hole ID:	10035422	**Elevation:**	
DP2BR:		**Elevrc:**	

Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453880.70
Code OB Desc:		***North83:***	5017437.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	6
Date Completed:	16-Aug-1973 00:00:00	***UTMRC Desc:***	margin of error : 300 m - 1 km
Remarks:		***Location Method:***	p6
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931023368
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	16.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931023369
Layer:	4
Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	16.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931023366
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	4.0

Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931023367
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961513436
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10583992
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930062713
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513436
Pump Set At:	
Static Level:	14.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	30.0
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:	
Pumping Duration HR:	1

Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934897540
Test Type: Draw Down
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934379071
Test Type: Draw Down
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934099259
Test Type: Draw Down
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934639647
Test Type: Draw Down
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933468985
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48.0
Water Found Depth UOM: ft

3	1 of 8	NW/86.6	100.0 / 0.08	UPI INC. 39-454 HIGHWAY #31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	GEN

Generator No: ON1446982
SIC Code: 5111
SIC Description: PETROLEUM PROD., WH.
Approval Years: 92,93,96,97,98
PO Box No:
Country:

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	2 of 8	NW/86.6	100.0 / 0.08	UCO PETROLEUM INC. 39-454 HWY#31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	GEN

Generator No:	ON1446982	**Status:**	
SIC Code:	5111	**Co Admin:**	
SIC Description:	PETROLEUM PROD., WH.	**Choice of Contact:**	
Approval Years:	94,95	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:		**MHSW Facility:**	

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	3 of 8	NW/86.6	100.0 / 0.08	OTTAWA FEED & HARDWARE INC 4836 BANK ST GLOUCESTER ON K1X 1G6	PES

Detail Licence No:		**Operator Box:**	
Licence No:		**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:		**Oper Area Code:**	
Licence Type:	Limited Vendor	**Oper Phone No:**	
Licence Type Code:	23	**Operator Ext:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF Link:			
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	4 of 8	NW/86.6	100.0 / 0.08	OTTAWA FEED & HARDWARE INC 4836 BANK ST GLOUCESTER ON K1X 1G6	PES

Detail Licence No:		**Operator Box:**	
Licence No:		**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:		**Oper Area Code:**	
Licence Type:	Vendor	**Oper Phone No:**	
Licence Type Code:		**Operator Ext:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			

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

PDF Link:
PDF Site Location:

3	5 of 8	NW/86.6	100.0 / 0.08	OTTAWA FEED & HARDWARE INC 4836 BANK ST GLOUCESTER ON K1X1G6	PES

Detail Licence No:		**Operator Box:**	
Licence No:	13853	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	613
Licence Type:	Limited Vendor	**Oper Phone No:**	8220760
Licence Type Code:	23	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF Link:			
PDF Site Location:			

3	6 of 8	NW/86.6	100.0 / 0.08	4836 Bank Street Ottawa ON	EHS

Order No:	20130730017	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	07-AUG-13	**Search Radius (km):**	.25
Date Received:	30-JUL-13	**X:**	-75.5876
Previous Site Name:		**Y:**	45.309581
Lot/Building Size:			
Additional Info Ordered:			

3	7 of 8	NW/86.6	100.0 / 0.08	2668867 Ontario Inc. 4836 Bank St Ottawa Ottawa ON K1X 1G6	ECA

Approval No:	7857-BQ3J3V	**MOE District:**	Ottawa
Approval Date:	2020-06-17	**City:**	
Status:	Approved	**Longitude:**	-75.58868
Record Type:	ECA	**Latitude:**	45.309
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	South Nation	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	2668867 Ontario Inc.		
Address:	4836 Bank St Ottawa		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8150-BPSRKL-14.pdf		
PDF Site Location:			

3	8 of 8	NW/86.6	100.0 / 0.08	4836 BANK ST GLOUCESTER ON K1X 1G6	PES

Detail Licence No:		**Operator Box:**	
Licence No:	L-232-2125813698	**Operator Class:**	
Status:	Active	**Operator No:**	
Approval Date:	2021-04-08	**Operator Type:**	
Report Source:	PEST-Limited Vendor	**Oper Area Code:**	
Licence Type:	Limited Vendor	**Oper Phone No:**	
Licence Type Code:		**Operator Ext:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:	45.30888889	**Operator Region:**	
Longitude:	-75.58861111	**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	Ottawa
County:		**SWP Area Name:**	South Nation
Trade Name:			
PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2379662		
PDF Site Location:			

4 **1 of 1** **SE/93.8** **100.0 / 0.08** **ON** **BORE**

Borehole ID:	614684	**Inclin FLG:**	No
OGF ID:	215515627	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:	4.9	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.307714
Total Depth m:	-999	**Longitude DD:**	-75.587294
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	453961
Drill Method:		**Northing:**	5017302
Orig Ground Elev m:	102	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	101		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218399038	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.1	**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:	218399039	**Mat Consistency:**	
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	6.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Boulders	**Geologic Formation:**	

Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BOULDERS.		

Geology Stratum ID:	218399040	**Mat Consistency:**	Compact
Top Depth:	6.1	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Sandstone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. WATER STABLE AT 319.0 FEET.E. 0003500070GREY,SOFT TO STIFF. SILT. GREY,COMPACT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 071920 NTS_Sheet: 31G05A		
Confiden 1:	Reliable information but incomplete.		

Source List

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

5	1 of 1	WSW/94.1	100.9 / 0.97	lot 22 con 4 ON	WWIS

Well ID:	1514664	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Industrial	**Date Received:**	5/22/1975
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	022
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514664.pdf

Additional Detail(s) (Map)

Well Completed Date:	1975/02/20
Year Completed:	1975
Depth (m):	38.1
Latitude:	45.3077932733578
Longitude:	-75.5890422728133
Path:	151\1514664.pdf

Bore Hole Information

Bore Hole ID:	10036634	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453823.70
Code OB Desc:		***North83:***	5017312.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	20-Feb-1975 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931026921
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	0.0
Formation End Depth:	13.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931026923
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	111.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931026924
Layer:	4
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	111.0
Formation End Depth:	125.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931026922
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	13.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961514664
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585204
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930064753
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930064752
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514664
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	80.0
Pumping Rate:	12.0
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:	15
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934383084
Test Type:	Draw Down
Test Duration:	30
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934644071
Test Type:	Draw Down
Test Duration:	45
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934100485
Test Type:	Draw Down
Test Duration:	15
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901541
Test Type:	Draw Down
Test Duration:	60
Test Level:	20.0
Test Level UOM:	ft

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

Water Details

Water ID:	933470591
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	111.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933470590
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	32.0
Water Found Depth UOM:	ft

6	***1 of 1***	***NW/95.6***	***100.0 / 0.08***	***4836 Bank Street Ottawa Ontario Gloucester ON K1X 1G6***	***EHS***

Order No:	20190205061	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	RSC Report (Urban)	***Client Prov/State:***	ON
Report Date:	08-FEB-19	***Search Radius (km):***	.3
Date Received:	05-FEB-19	***X:***	-75.588744
Previous Site Name:		***Y:***	45.309066
Lot/Building Size:			
Additional Info Ordered:			

7	***1 of 1***	***E/107.7***	***97.6 / -2.29***	***lot 22 con 4 ON***	***WWIS***

Well ID:	1502180	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/15/1961
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	022
Well Depth:		***Concession:***	04
Overburden/Bedrock:		***Concession Name:***	RF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502180.pdf

Additional Detail(s) (Map)

Well Completed Date:	1961/06/29
Year Completed:	1961
Depth (m):	16.764

Latitude:	45.3080749241784
Longitude:	-75.5867872995043
Path:	150\1502180.pdf

Bore Hole Information

Bore Hole ID:	10024223	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454000.70
Code OB Desc:		**North83:**	5017342.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	29-Jun-1961 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930993842
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930993843
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961502180
Method Construction Code:	1
Method Construction:	Cable Tool

Other Method Construction:

Pipe Information

Pipe ID:	10572793
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930041231
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	55.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930041230
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991502180
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	8.0
Recommended Pump Depth:	
Pumping Rate:	4.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454923
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	1 of 1	ESE/124.6	97.8 / -2.05	lot 22 con 4 ON	WWIS

Well ID:	1502177	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/21/1957
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1603
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	022
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502177.pdf

Additional Detail(s) (Map)

Well Completed Date:	1957/04/24
Year Completed:	1957
Depth (m):	18.288
Latitude:	45.3077148855022
Longitude:	-75.5867835846354
Path:	150\1502177.pdf

Bore Hole Information

Bore Hole ID:	10024220	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454000.70
Code OB Desc:		**North83:**	5017302.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	24-Apr-1957 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930993834
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 7.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930993835
Layer: 2
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 7.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930993836
Layer: 3
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961502177
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10572790
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041224
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:	
Depth To:	21.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930041225
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991502177
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	
Pumping Rate:	13.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454920
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

9	1 of 1	ESE/144.3	97.2 / -2.69	4852 Bank Street Ottawa ON	EHS

Order No:	20070314016	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	CAN - Custom Report	**Client Prov/State:**	
Report Date:	3/23/2007	**Search Radius (km):**	0.25
Date Received:	3/14/2007	**X:**	-75.586554
Previous Site Name:		**Y:**	45.307639
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

10	1 of 1	ESE/164.9	97.2 / -2.69	lot 22 con 4 ON	WWIS

Well ID:	1512375	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/7/1973
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1703
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	022
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	1972/11/27
Year Completed:	1972
Depth (m):	22.5552
Latitude:	45.3073561571757
Longitude:	-75.5865247577048
Path:	

Bore Hole Information

Bore Hole ID:	10034367	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454020.70
Code OB Desc:		**North83:**	5017262.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	27-Nov-1972 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931020459
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	25
Most Common Material:	OVERBURDEN
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	

Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931020460
Layer:	2
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9.0
Formation End Depth:	74.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961512375
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10582937
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930060915
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	20.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930060916
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	74.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991512375
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	12.0
Recommended Pump Depth:	35.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934895897
Test Type:	Draw Down
Test Duration:	60
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934098022
Test Type:	Draw Down
Test Duration:	15
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934647324
Test Type:	Draw Down
Test Duration:	45
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934377416
Test Type:	Draw Down
Test Duration:	30
Test Level:	12.0
Test Level UOM:	ft

Water Details

Water ID:	933467794
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74.0
Water Found Depth UOM:	ft

11	***1 of 1***	***N/181.1***	***98.0 / -1.86***	***lot 22 con 4 ON***	***WWIS***

Well ID:	1502179	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	11/14/1961
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1802
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	022
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502179.pdf

Additional Detail(s) (Map)

Well Completed Date:	1961/10/06
Year Completed:	1961
Depth (m):	27.1272
Latitude:	45.3099579089623
Longitude:	-75.5882099845241
Path:	150\1502179.pdf

Bore Hole Information

Bore Hole ID:	10024222	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	453890.70
Code OB Desc:		**North83:**	5017552.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	06-Oct-1961 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930993840
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930993841
Layer: 3
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 89.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930993839
Layer: 1
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2: 05
Mat2 Desc: CLAY
Mat3: 09
Mat3 Desc: MEDIUM SAND
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961502179
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572792
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041229
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 89.0

Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930041228
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991502179
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	70.0
Recommended Pump Depth:	80.0
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	1.0
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:	933454922
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	85.0
Water Found Depth UOM:	ft

12	1 of 1	N/181.2	98.0 / -1.86	ON	BORE

Borehole ID:	614686	**Inclin FLG:**	No
OGF ID:	215515629	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	OCT-1961	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.309959
Total Depth m:	27.1	**Longitude DD:**	-75.58821
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	453891
Drill Method:		**Northing:**	5017552
Orig Ground Elev m:	99.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable

DEM Ground Elev m: 98.8
Concession:
Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 218399047
Top Depth: 7.6
Bottom Depth: 27.1
Material Color: Grey
Material 1: Sandstone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SANDSTONE. 00085BEDROCK. 0003500070GREY,SOFT TO STIFF. SILT. GREY,COMPACT. BEDROCK.

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

Geology Stratum ID: 218399045
Top Depth: 0
Bottom Depth: 4.9
Material Color:
Material 1: Boulders
Material 2: Clay
Material 3: Sand
Material 4:
Gsc Material Description:
Stratum Description: BOULDERS.

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

Geology Stratum ID: 218399046
Top Depth: 4.9
Bottom Depth: 7.6
Material Color: Grey
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. GREY.

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: 07194 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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	NNE/184.4	96.4 / -3.44	4835 Bank St lot 22 con 5 Ottawa ON	WWIS

Well ID:	7344681	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	10/22/2019
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7543
Casing Material:		**Form Version:**	7
Audit No:	Z286385	**Owner:**	
Tag:	A247970	**Street Name:**	4835 Bank St
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	022
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7344681.pdf

Additional Detail(s) (Map)

Well Completed Date:	2019/09/24
Year Completed:	2019
Depth (m):	3.9624
Latitude:	45.3098728421668
Longitude:	-75.5872485140211
Path:	734\7344681.pdf

Bore Hole Information

Bore Hole ID:	1007687248	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	453966.00
Code OB Desc:		**North83:**	5017542.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	24-Sep-2019 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008085972
Layer:	1
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	01

Mat2 Desc:	FILL
Mat3:	28
Mat3 Desc:	SAND
Formation Top Depth:	0.0
Formation End Depth:	13.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008087411
Layer:	2
Plug From:	7.0
Plug To:	13.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008087410
Layer:	1
Plug From:	0.0
Plug To:	7.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008089005
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008084824
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008089345
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	8.0
Casing Diameter:	2.066999912261963
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008089988
Layer:	1
Slot:	3
Screen Top Depth:	8.0
Screen End Depth:	13.0
Screen Material:	5
Screen Depth UOM:	ft

Screen Diameter UOM:	inch
Screen Diameter:	2.375

Results of Well Yield Testing

Pump Test ID:	1008090682
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1008090129
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	10.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1008088024
Diameter:	8.0
Depth From:	0.0
Depth To:	13.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

14	1 of 1	NNE/197.4	95.8 / -4.03	4835 Bank St Ottawa ON	WWIS

Well ID:	7344680	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	10/22/2019
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7543
Casing Material:		**Form Version:**	7
Audit No:	Z286383	**Owner:**	
Tag:	A247971	**Street Name:**	4835 Bank St
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	

Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7344680.pdf

Additional Detail(s) (Map)

Well Completed Date: 2019/09/24
Year Completed: 2019
Depth (m): 6.0450984
Latitude: 45.3100340723354
Longitude: -75.587403261625
Path: 734\7344680.pdf

Bore Hole Information

Bore Hole ID: 1007687245
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 24-Sep-2019 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 453954.00
North83: 5017560.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008085971
Layer: 1
Color: 2
General Color: GREY
Mat1: 34
Most Common Material: TILL
Mat2: 01
Mat2 Desc: FILL
Mat3: 28
Mat3 Desc: SAND
Formation Top Depth: 0.0
Formation End Depth: 19.83300018310547
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008087408
Layer: 1
Plug From: 0.0
Plug To: 8.5
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008087409
Layer: 2

Plug From:	8.5
Plug To:	19.83300018310547
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008089004
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008084823
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008089344
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	9.833000183105469
Casing Diameter:	2.066999912261963
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008089987
Layer:	1
Slot:	1
Screen Top Depth:	9.833000183105469
Screen End Depth:	19.83300018310547
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.375

Results of Well Yield Testing

Pump Test ID:	1008090681
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1008090128
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	11.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1008088023
Diameter:	8.0
Depth From:	0.0
Depth To:	19.83300018310547
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

15	1 of 1	SE/201.5	97.9 / -1.95	lot 22 con 4 ON	WWIS

Well ID:	1502178	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/19/1957
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3113
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	022
Well Depth:		***Concession:***	04
Overburden/Bedrock:		***Concession Name:***	RF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502178.pdf

Additional Detail(s) (Map)

Well Completed Date:	1957/08/05
Year Completed:	1957
Depth (m):	15.24
Latitude:	45.3069061087487
Longitude:	-75.5865201163235
Path:	150\1502178.pdf

Bore Hole Information

Bore Hole ID:	10024221	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	454020.70
Code OB Desc:		***North83:***	5017212.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4

Date Completed:	05-Aug-1957 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930993838
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930993837
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	09
Mat3 Desc:	MEDIUM SAND
Formation Top Depth:	0.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961502178
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10572791
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930041226
Layer:	1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930041227
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	50.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991502178
Pump Set At:	
Static Level:	13.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	
Pumping Rate:	4.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454921
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48.0
Water Found Depth UOM:	ft

16	1 of 1	SE/220.6	97.8 / -2.04	4858 Bank Street Ottawa ON	EHS

Order No:	20070823009	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	CAN - Complete Report	**Client Prov/State:**	
Report Date:	8/31/2007	**Search Radius (km):**	0.25
Date Received:	8/23/2007	**X:**	-75.586593
Previous Site Name:		**Y:**	45.306658
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans; Topographical Maps		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 1	ESE/226.5	97.8 / -2.03	lot 22 con 5 ON	WWIS

Well ID:	1512265	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/15/1973
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3002
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	022
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512265.pdf

Additional Detail(s) (Map)

Well Completed Date:	1972/11/24
Year Completed:	1972
Depth (m):	14.6304
Latitude:	45.3074514026667
Longitude:	-75.5855052356763
Path:	151\1512265.pdf

Bore Hole Information

Bore Hole ID:	10034257	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454100.70
Code OB Desc:		**North83:**	5017272.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	24-Nov-1972 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931020159
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3.0
Formation End Depth:	48.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931020158
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961512265
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10582827
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930060751
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	48.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930060750
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	12.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991512265
Pump Set At:	
Static Level:	4.0
Final Level After Pumping:	48.0
Recommended Pump Depth:	30.0
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

Draw Down & Recovery

Pump Test Detail ID:	934376902
Test Type:	Recovery
Test Duration:	30
Test Level:	4.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934895388
Test Type:	Recovery
Test Duration:	60
Test Level:	4.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934097920
Test Type:	Recovery
Test Duration:	15
Test Level:	4.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934647231
Test Type:	Recovery
Test Duration:	45
Test Level:	4.0
Test Level UOM:	ft

Water Details

Water ID:	933467663
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	34.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933467661
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	8.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933467662
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	21.0
Water Found Depth UOM:	ft

18	1 of 1	NNE/232.2	95.8 / -4.10	4835 BANK ST Ottawa ON	WWIS

Well ID:	7344683	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	10/22/2019
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7543
Casing Material:		***Form Version:***	7
Audit No:	Z286384	***Owner:***	
Tag:	A247972	***Street Name:***	4835 BANK ST
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7344683.pdf

Additional Detail(s) (Map)

Well Completed Date:	2019/09/24
Year Completed:	2019
Depth (m):	4.0386
Latitude:	45.3103755840051
Longitude:	-75.5875088450188
Path:	734\7344683.pdf

Bore Hole Information

Bore Hole ID:	1007687254	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453946.00
Code OB Desc:		***North83:***	5017598.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4

Date Completed:	24-Sep-2019 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008085974
Layer:	1
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	01
Mat3 Desc:	FILL
Formation Top Depth:	0.0
Formation End Depth:	13.25
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008087415
Layer:	2
Plug From:	7.0
Plug To:	13.25
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008087414
Layer:	1
Plug From:	0.0
Plug To:	7.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008089091
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008084826
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008089347
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	8.25
Casing Diameter:	2.066999912261963
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008089991
Layer:	1
Slot:	3
Screen Top Depth:	8.25
Screen End Depth:	13.25
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.375

Results of Well Yield Testing

Pump Test ID:	1008090684
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1008090131
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	10.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1008088026
Diameter:	8.0
Depth From:	0.0
Depth To:	13.25
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

19	*1 of 1*	*SE/239.6*	*98.0 / -1.92*	***PRIVATE RESIDENCE*** ***RESIDENCE AT 4860 BANK ST. FURNACE OIL***	***SPL***

TANK
GLOUCESTER CITY ON K1X 1G6

Ref No:	107778	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	11/28/1994	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20105
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	MCCR
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/28/1994	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	EQUIPMENT FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	RESIDENCE - UNKNOWN AMOUNT OF FURNACE OIL TO BASEMENT & GROUND.		
Contaminant Qty:			

Unplottable Summary

Total: 29 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	OSSORY CANADA INC.	PRIVATE BLDG. BANK ST.	OTTAWA CITY ON	
CA	MACDONALD DEVELOPMENT CORP.-PLAZA	EASEMENT-BANK STREET	OTTAWA CITY ON	
CA	MACDONALD DEVELOPMENT CORP.	BANK ST.	OTTAWA CITY ON	
CA	THE DOUGLAS MACDONALD DEV. CORP.	COMMERCIAL PLAZA BANK STREET	OTTAWA CITY ON	
CA	City of Ottawa	Bank St from Laurier Avenue to Somerest Street	Ottawa ON	
CA	City of Ottawa	Bank Street - Isabella Street to Wilton Crescent	Ottawa ON	
CA	City of Ottawa	Bank St Bank Street from Somerset Street to Catherine Street	Ottawa ON	
CA	City of Ottawa	Bank Street - Regent Street to Glebe Avenue	Ottawa ON	
CONV	Taggart Construction Limited	Bank Street	South Ottawa ON	
EBR	Thomas Cavanagh Construction Limited,	Part Lot 22, Concession 4, City of Ottawa, formerly the Township of West Carleton (Fitzroy Ward) CITY OF OTTAWA	ON	
ECA	City of Ottawa	Fourth Line Rd Lot 21, Concession 3 and 4, Geographic Township of North Gower	Ottawa ON	K2G 6J8
EHS		Bank St	Ottawa ON	
EHS		Bank St	Ottawa ON	
GEN	SPIC & SPAN-VALETOR-CASH CLEANERS	BILLINGS BRIDGE PLAZA, BANK STREET C/O 1764 WOODWARD DRIVE	OTTAWA ON	K2C 0P8
GEN	Hydro Ottawa Ltd.	Bank St	Ottawa ON	
GEN	City of Ottawa	Riverside Dr. Westbound 100m East of Bank St. to 100m West of Bank St.	Ottawa ON	K1H 7X5
LIMO		Lot 22 Concession 5 Ottawa	ON	

PTTW	Lafarge Paving and Construction (Eastern) Limited	Lot 22 & 23 , Concession V Ottawa Ontario K2R 1H3 Ottawa	ON
PTTW	Thomas Cavanagh Construction Limited	Lot 22, Concession IV, Ottawa Address: Lot: 22, Concession: IV, Former Geographic Township of West Carelton (Fitzroy), Ottawa, CITY OF OTTAWA	ON
SPL	City of Ottawa	Bank St in front of Bethshalam Cemetary	Ottawa ON
SPL	ESSO PETROLEUM CANADA	BANK STREET SERVICE STATION	OTTAWA CITY ON
SPL	PIONEER PETROLEUMS LTD.	BANK STREET SOUTH PIONEER GAS STATION. SERVICE STATION	OTTAWA CITY ON
SPL	Ottawa D-Squared Construction Limited	Bank St, South of Leitrim Rd	Ottawa ON
SPL	City of Ottawa <UNOFFICIAL>	on east side of Bank St. 750 metres north of Findlay Creek Dr.	Ottawa ON
SPL	QUEENSWAY TANK LINES	CANADIAN TIRE GAS BAR BANK STREET TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	Bell Canada	on Bank St, 10 ft N of Catherine St BELL MANHOLE<UNOFFICIAL>	Ottawa ON
SPL	Donwel Land Inc.	Cedar Creek Rd at Philman Marsh area, Findlay Creek Subdivision	Ottawa ON
SPL	OC TRANSPO	BANK ST. SOUTH MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	TRANSPORT TRUCK	BANK ST. BRIDGE MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON

Unplottable Report

Site: ***OSSORY CANADA INC.***
PRIVATE BLDG. BANK ST. OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-0515-87-
Application Year:	87
Issue Date:	4/23/1987
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***MACDONALD DEVELOPMENT CORP.-PLAZA***
EASEMENT-BANK STREET OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-1864-86-
Application Year:	86
Issue Date:	12/19/1986
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***MACDONALD DEVELOPMENT CORP.***
BANK ST. OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-1072-88-
Application Year:	88
Issue Date:	9/28/1988
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***THE DOUGLAS MACDONALD DEV. CORP.***
COMMERCIAL PLAZA BANK STREET OTTAWA CITY ON

Database: ***CA***

Certificate #:	7-1304-86-
Application Year:	86

Issue Date: 10/28/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Bank St from Laurier Avenue to Somerest Street Ottawa ON

Database: ***CA***

Certificate #: 4804-7DGNT6
Application Year: 2008
Issue Date: 4/8/2008
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***
Bank Street - Isabella Street to Wilton Crescent Ottawa ON

Database: ***CA***

Certificate #: 2096-8G2SZN
Application Year: 2011
Issue Date: 5/3/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Bank St Bank Street from Somerset Street to Catherine Street Ottawa ON

Database: ***CA***

Certificate #: 7054-7L4LKY
Application Year: 2008
Issue Date: 11/28/2008
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***
Bank Street - Regent Street to Glebe Avenue Ottawa ON

Database: ***CA***

Certificate #:	4000-8EDQTH
Application Year:	2011
Issue Date:	3/14/2011
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Taggart Construction Limited***
Bank Street South Ottawa ON

Database: ***CONV***

File No:	010503	***Location:***	
Crown Brief No:		***Region:***	
Court Location:		***Ministry District:***	
Publication City:			
Publication Title:			
Act:			
Act(s):			
First Matter:			
Second Matter:			
Investigation 1:			
Investigation 2:			
Penalty Imposed:			

Description:

On December 3, 2009, Taggart Construction Limited pleaded guilty to one violation under the Ontario Water Resources Act for failing to comply with a Provincial Officer Order to submit weekly water taking records showing daily water taking volumes. The company was contracted to install municipal services for the Findlay Creek Subdivision located on Bank Street in South Ottawa. A ministry inspection of the construction site in the fall of 2007 revealed concerns with water taking activities and a Provincial Officer Order was issued. One of the requirements of the Order, related to keeping accurate water taking records and submitting them to the ministry, was not complied with. The company was charged following an investigation by the ministry's Investigations and Enforcement Branch and was fined $5,000 plus victim fine surcharge. The company was given 30 days to pay the fine.

Background:
URL:

Additional Details

Publication Date:	
Count:	1
Act:	Provincial Officer Order
Regulation:	
Section:	
Act/Regulation/Section:	Provincial Officer Order
Date of Offence:	
Date of Conviction:	
Date Charged:	December 3, 2009
Charge Disposition:	fine, victim fine surcharge
Fine:	$5,000
Synopsis:	

Site: ***Thomas Cavanagh Construction Limited,***
Part Lot 22, Concession 4, City of Ottawa, formerly the Township of West Carleton (Fitzroy Ward) CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No:	IB03E3042	***Decision Posted:***	
Ministry Ref No:	FSD - PEM 04/03	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	

Notice Date:	November 05, 2004	***Act 2:***	
Proposal Date:	May 08, 2003	***Site Location Map:***	
Year:	2003		
Instrument Type:	(ARA s. 16 (2)) - Approval of licensee proposed amendment to a site plan		
Off Instrument Name:			
Posted By:			
Company Name:	Thomas Cavanagh Construction Limited,		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	RR 2, Ashton Ontario, K0A 1B0		
Comment Period:			
URL:			

Site Location Details:

Part Lot 22, Concession 4, City of Ottawa, formerly the Township of West Carleton (Fitzroy Ward) CITY OF OTTAWA

Site: ***City of Ottawa***
Fourth Line Rd Lot 21, Concession 3 and 4, Geographic Township of North Gower Ottawa ON K2G 6J8

Database: ***ECA***

Approval No:	2323-BLGKVU	***MOE District:***	
Approval Date:	2020-03-05	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	City of Ottawa		
Address:	Fourth Line Rd Lot 21, Concession 3 and 4, Geographic Township of North Gower		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0642-BEJMYY-14.pdf		
PDF Site Location:			

Site:
Bank St Ottawa ON

Database: ***EHS***

Order No:	20031121005	***Nearest Intersection:***	See Faxed Map
Status:	C	***Municipality:***	
Report Type:	Basic Report	***Client Prov/State:***	ON
Report Date:	11/25/03	***Search Radius (km):***	0.50
Date Received:	11/21/03	***X:***	-75.654252
Previous Site Name:		***Y:***	45.363635
Lot/Building Size:			
Additional Info Ordered:			

Site:
Bank St Ottawa ON

Database: ***EHS***

Order No:	20060427021	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	5/5/2006	***Search Radius (km):***	0.25
Date Received:	4/26/2006	***X:***	-75.670288
Previous Site Name:		***Y:***	45.364953
Lot/Building Size:			
Additional Info Ordered:			

Site: ***SPIC & SPAN-VALETOR-CASH CLEANERS***
BILLINGS BRIDGE PLAZA, BANK STREET C/O 1764 WOODWARD DRIVE OTTAWA ON K2C 0P8

Database: ***GEN***

Generator No:	ON0573413	***Status:***	

SIC Code:	9721	***Co Admin:***	
SIC Description:	POWER LAUND./CLEANERS	***Choice of Contact:***	
Approval Years:	86,87,88	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:		***MHSW Facility:***	

Detail(s)

Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS

Site: ***Hydro Ottawa Ltd.***
Bank St Ottawa ON

Database: ***GEN***

Generator No:	ON8798860	***Status:***	
SIC Code:		***Co Admin:***	
SIC Description:		***Choice of Contact:***	
Approval Years:	03,04	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:		***MHSW Facility:***	

Site: ***City of Ottawa***
Riverside Dr. Westbound 100m East of Bank St. to 100m West of Bank St. Ottawa ON K1H 7X5

Database: ***GEN***

Generator No:	ON4685136	***Status:***	Registered
SIC Code:		***Co Admin:***	
SIC Description:		***Choice of Contact:***	
Approval Years:	As of Dec 2018	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:	Canada	***MHSW Facility:***	

Detail(s)

Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)

Site:
Lot 22 Concession 5 Ottawa ON

Database: ***LIMO***

ECA/Instrument No:	X9020	***Natural Attenuation:***	
Oper Status 2016:	Historic	***Liners:***	
C of A Issue Date:		***Cover Material:***	
C of A Issued to:		***Leachate Off-Site:***	
Lndfl Gas Mgmt (P):		***Leachate On Site:***	
Lndfl Gas Mgmt (F):		***Req Coll Lndfll Gas:***	
Lndfl Gas Mgmt (E):		***Lndfll Gas Coll:***	
Lndfl Gas Mgmt Sys:		***Total Waste Rec:***	
Landfill Gas Mntr:		***TWR Methodology:***	
Leachate Coll Sys:		***TWR Unit:***	
ERC Est Vol (m3):		***Tot Aprv Cap Unit:***	
ERC Volume Unit:		***Financial Assurance:***	
ERC Dt Last Det:		***Last Report Year:***	
Landfill Type:		***MOE Region:***	
Source File Type:	Historic and Closed Landfills	***MOE District:***	
Fill Rate:		***Site County:***	
Fill Rate Unit:		***Lot:***	
Tot Fill Area (ha):		***Concession:***	
Tot Site Area (ha):		***Latitude:***	
Footprint:		***Longitude:***	
Tot Apprv Cap (m3):		***Easting:***	
Contam Atten Zone:		***Northing:***	
Grndwtr Mntr:		***UTM Zone:***	
Surf Wtr Mntr:		***Data Source:***	
Air Emis Monitor:			
Approved Waste Type:			
Client Site Name:			

ERC Methodology:
Site Name:
Site Location Details: Lot 22 Concession 5
Ottawa
Service Area:
Page URL:

Site: ***Lafarge Paving and Construction (Eastern) Limited***
Lot 22 & 23 , Concession V Ottawa Ontario K2R 1H3 Ottawa ON

Database: ***PTTW***

EBR Registry No:	IA06E0381	***Decision Posted:***	
Ministry Ref No:	2633-6NDMGY	***Exception Posted:***	
Notice Type:	Instrument\sDecision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	June\s16,\s2006	***Act 2:***	
Proposal Date:	April\s19,\s2006	***Site Location Map:***	
Year:	2006		

Instrument Type: (OWRA\ss.\s34)\s-\sPermit\sto\sTake\sWater
Off Instrument Name:
Posted By:
Company Name: Lafarge\sPaving\sand\sConstruction\s(Eastern)\sLimited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 7880\sKeele\sStreet,\sConcord\sOntario,\sL4K\s4G7
Comment Period:
URL:

Site Location Details:

Lot 22 & 23 , Concession V Ottawa Ontario K2R 1H3 Ottawa

Site: ***Thomas Cavanagh Construction Limited***
Lot 22, Concession IV, Ottawa Address: Lot: 22, Concession: IV, Former Geographic Township of West Carelton (Fitzroy), Ottawa, CITY OF OTTAWA ON

Database: ***PTTW***

EBR Registry No:	010-4460	***Decision Posted:***	
Ministry Ref No:	7284-7GLL2C	***Exception Posted:***	
Notice Type:	Instrument\sDecision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	April\s28,\s2009	***Act 2:***	
Proposal Date:	August\s21,\s2008	***Site Location Map:***	
Year:	2008		

Instrument Type: (OWRA\ss.\s34)\s-\sPermit\sto\sTake\sWater
Off Instrument Name:
Posted By:
Company Name: Thomas\sCavanagh\sConstruction\sLimited
Site Address:
Location Other:
Proponent Name:
Proponent Address: Rural\sRoute\s2,\sBeckwith\sOntario,\sK0A\s1B0
Comment Period:
URL:

Site Location Details:

Lot 22, Concession IV, Ottawa Address: Lot: 22, Concession: IV, Former Geographic Township of West Carelton (Fitzroy), Ottawa, CITY OF OTTAWA

Site: ***City of Ottawa***
Bank St in front of Bethshalam Cemetary Ottawa ON

Database: ***SPL***

Ref No:	1101-6BTH2J	***Discharger Report:***	0
Site No:		***Material Group:***	Chemical

Incident Dt:	4/26/2005	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Cooling System Leak	***Sector Type:***	Other Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	ETHYLENE GLYCOL (ANTIFREEZE)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/26/2005	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spill to Land
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	shoulder of road<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa:OC Transpo- 8 L antifreeze to grnd, clng		
Contaminant Qty:			

Site: ***ESSO PETROLEUM CANADA***
BANK STREET SERVICE STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	147934	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/16/1997	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/16/1997	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	DAMAGE BY MOVING EQUIPMENT	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ESSO SERVICE STATION: 40 L GASOLINE TO GROUND		
Contaminant Qty:			

Site: ***PIONEER PETROLEUMS LTD.***
BANK STREET SOUTH PIONEER GAS STATION. SERVICE STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	137358	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/20/1997	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	

Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/20/1997	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PIONEER PETROLEUMS-4L GASOLINE TO GROUND,UNSAFESPILL RESPONSE BY STAFF.		
Contaminant Qty:			

Site: ***Ottawa D-Squared Construction Limited***
Bank St, South of Leitrim Rd Ottawa ON

Database: ***SPL***

Ref No:	1488-9P3QYV	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/09/18	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Collision/Accident	***Sector Type:***	Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	Bank St, South of Leitrim Rd
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Other Impact(s)	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2014/09/18	***Site Map Datum:***	
Dt Document Closed:	2014/09/24	***SAC Action Class:***	Land Spills
Incident Reason:	Operator/Human Error	***Source Type:***	
Site Name:	D- Squared MVA<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	D-Squared MVA - 100L DSL and oil to asphalt, cleaning		
Contaminant Qty:	0 other - see incident description		

Site: ***City of Ottawa <UNOFFICIAL>***
on east side of Bank St. 750 metres north of Findlay Creek Dr. Ottawa ON

Database: ***SPL***

Ref No:	4541-7VJ3B3	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Pipe Or Hose Leak	***Sector Type:***	Sewage Treatment
Incident Event:		***Agency Involved:***	
Contaminant Code:	44	***Nearest Watercourse:***	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/2/2009	***Site Map Datum:***	
Dt Document Closed:	9/10/2009	***SAC Action Class:***	Land Spills
Incident Reason:	Equipment Failure	***Source Type:***	

Site Name:	on east side of Bank St. 750 metres north of Findlay Creek Dr. <UNOFFICIAL>
Site County/District:	
Site Geo Ref Meth:	
Incident Summary:	Ottawa Works Dept. - sewage to ground from forcemain.
Contaminant Qty:	

Site: ***QUEENSWAY TANK LINES***
CANADIAN TIRE GAS BAR BANK STREET TANK TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No:	41622	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/2/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	MCCR
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/2/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	QUEENSWAY TANK LINES: 4 LGASOLINE SPILLED AT GAS BAR		
Contaminant Qty:			

Site: ***Bell Canada***
on Bank St, 10 ft N of Catherine St BELL MANHOLE<UNOFFICIAL> Ottawa ON

Database: ***SPL***

Ref No:	8384-6WDTAV	***Discharger Report:***	
Site No:		***Material Group:***	Oils
Incident Dt:	12/11/2006	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Unknown	***Sector Type:***	Unknown
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	GASOLINE	***Site Address:***	ON BANK ST, 10 FT N OF CATHERINE ST
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:	Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/11/2006	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	Unknown - Reason not determined	***Source Type:***	
Site Name:	ON BANK ST, 10 FT N OF CATHERINE ST		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ukn src: hydrocarbons in Bell manhole		
Contaminant Qty:	Not specified L		

Site: ***Donwel Land Inc.***

Database: ***SPL***

Cedar Creek Rd at Philman Marsh area, Findlay Creek Subdivision Ottawa ON

Ref No:	7661-7JSKUE	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Discharges	***Sector Type:***	Tank Truck
Incident Event:		***Agency Involved:***	
Contaminant Code:	99	***Nearest Watercourse:***	
Contaminant Name:	WATER (HIGH CHLORINE)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Ottawa
Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	Planned Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/24/2008	***Site Map Datum:***	
Dt Document Closed:	11/13/2008	***SAC Action Class:***	Watercourse Spills
Incident Reason:	Error- Operator error	***Source Type:***	
Site Name:	Findlay Creek<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Donwell Land, Clorinated water to Findlay Creek.		
Contaminant Qty:	1000 L		

Site: ***OC TRANSPO***
BANK ST. SOUTH MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No:	223917	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/11/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20107
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/11/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SPILL OF DIESEL FUEL TO GRND, CLEAN UP CREW ON THE WAY		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
BANK ST. BRIDGE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No:	88427	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/13/1993	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	

Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20101
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	FIRE DEPT
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/13/1993	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	CORROSION	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	HYDRAULIC OIL LEAK FROM UNIDENTIFIED TRANSPORT TRUCK TO BANK ST. BRIDGE		
Contaminant Qty:			

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Nov 2021

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Sep 30, 2021

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2019

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-Sep 30, 2021

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Nov 2021

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

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Jan 2022

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Apr 30, 2022

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Mar 31, 2022

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994 - Apr 30, 2022

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Mar 31, 2022

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Nov 30, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2021

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2022

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Nov 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Feb 28, 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 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2022

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Feb 28, 2022

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994 - Apr 30, 2022

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011- Mar 31, 2022

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Apr 30, 2022

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2019

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2022

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Sep 30, 2021

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

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

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2019

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Mar 31, 2022

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Sep 30, 2021

Definitions

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

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

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

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

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

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

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

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

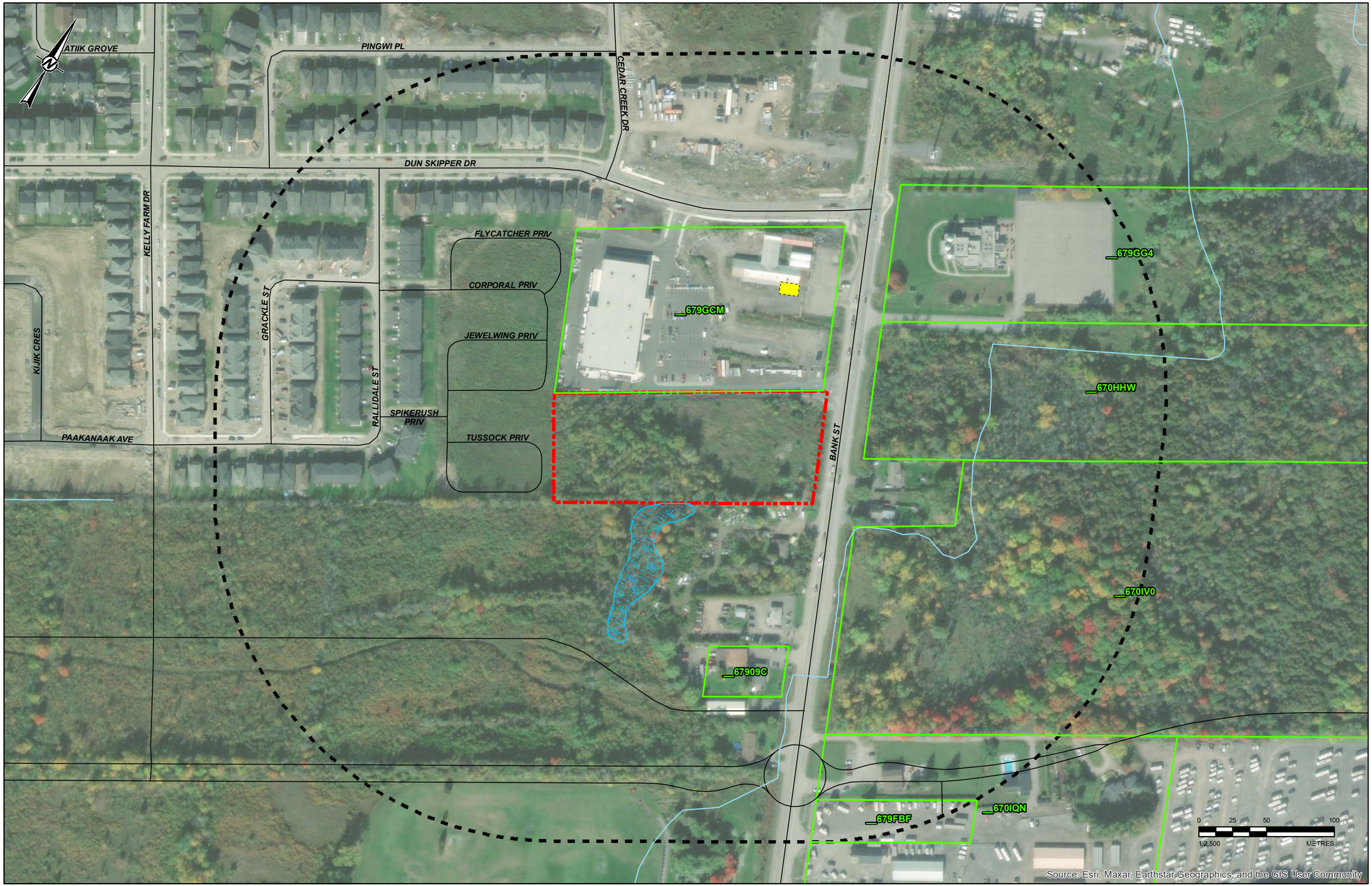
'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

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

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

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

HLUI2008ID	PIN1	PIN2	STREET_NUM	STREET_NAM	NAME	COMPANY_NA	FACILITY_T	STORAGE_TA	HL_REFEREN	YEARS_OF_O
__67909C	43280237		4856	BANK	CARLING AUTOTECH CTR	CARLING AUTOTECH CTR	Motor Vehicles, Wholesale			c. 2005
__67909C	43280237		4856	BANK	CARLING AUTOTECH CTR	CARLING AUTOTECH CTR	Motor Vehicles, Wholesale			c. 2005
__67909C	43280237		4856	BANK	CARLING AUTOTECH CTR	ANTHONEY'S 31 COLLISION	Motor Vehicles, Wholesale			c. 2001
__67909C	43280237		4856	BANK	CARLING AUTOTECH CTR	ANTHONEY'S 31 COLLISION	Motor Vehicles, Wholesale			c. 2001
__679GCM	43280231		4836	BANK	COUNTRY DEPOT	COUNTRY DEPOT	Agricultural Supplies, Wholesale			c. 2005
__679GCM	43280231		4836	BANK	COUNTRY DEPOT	COUNTRY DEPOT	Agricultural Supplies, Wholesale			c. 2005
__679GCM	43280231		4836	BANK	COUNTRY DEPOT	COUNTRY DEPOT	Agricultural Supplies, Wholesale			c. 2001
__679GCM	43280231		4836	BANK	COUNTRY DEPOT	COUNTRY DEPOT	Agricultural Supplies, Wholesale			c. 2001
__679GCM	43280231		4836	BANK	UCO PETROLEUM INC.	UCO Petroleum Inc.	Petroleum Products, Wholesale		PID1994	c. 1994
__670IV0	43260015		0	BANK	PRI-TEC LIMITED - UNIVERSE TRACTOR & EQUIPMENT LIMITED	Pri-Tec Ltd. - Universe Tractor & Equipment Ltd.	Motor Vehicles, Wholesale		Township of Gloucester-File #15-545-Subject:Melos Investments-Box 403	c. 1979
__670IV0	43260015		4863	BANK	TRAVEL-MOR TRAILER SALES	Travel-Mor Trailer Sales	Motor Vehicle Repair Shops		SC98	c. 1998
__670HHW	43260012		0	BANK	PRI-TEC LIMITED - UNIVERSE TRACTOR & EQUIPMENT LIMITED	Pri-Tec Ltd. - Universe Tractor & Equipment Ltd.	Motor Vehicles, Wholesale		Township of Gloucester-File #15-545-Subject:Melos Investments-Box 403	c. 1979
__679GG4	43260011		0	BANK	PRI-TEC LIMITED - UNIVERSE TRACTOR & EQUIPMENT LIMITED	Pri-Tec Ltd. - Universe Tractor & Equipment Ltd.	Motor Vehicles, Wholesale		Township of Gloucester-File #15-545-Subject:Melos Investments-Box 403	c. 1979
__670IQN	43260016	43260022	4863	BANK	HUME TRADING CO	HUME TRADING CO	Gasoline Service Stations			c. 2005
__670IQN	43260016		4863	BANK	TRAVEL-MOR TRAILER SALES	Travel-Mor Trailer Sales	Motor Vehicle Repair Shops		SC98	c. 1998
__679FBF	43260017		4863	BANK	TRAVEL-MOR TRAILER SALES	Travel-Mor Trailer Sales	Motor Vehicle Repair Shops		SC98	c. 1998



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APPENDIX C

Site Photographs

Photo A: clear cutting

Photo B: Geotech

Photo C: Forest

Photo D: Hindu Temple

Photo E: Autobody shops

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